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Test Results for Software Write Block Tools: PDBLOCK Version 2.10	

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Introduction

The Computer Forensics Tool Testing (CFTT) program is a joint project of the National Institute of Justice, which is the research, development, and evaluation agency of the U.S. Department of Justice (DOJ), and the National Institute of Standards and Technology's (NIST's) Office of Law Enforcement Standards and Information Technology Laboratory. CFTT is supported by other organizations, including the Federal Bureau of Investigation (DOJ), the Cyber Crime Center (U.S. Department of Defense), the Internal Revenue Service Criminal Investigation's Electronic Crimes Program (U.S. Department of the Treasury), and U.S. Immigration and Customs Enforcement and the U.S. Secret Service (U.S. Department of Homeland Security). CFTT's objective is to provide measurable assurance to practitioners, researchers, and other applicable users that the tools used in computer forensics investigations provide accurate results. Accomplishing this requires the development of specifications and test methods for computer forensics tools and subsequent testing of specific tools against those specifications.

Test results provide the information necessary for developers to improve tools, users to make informed choices, and the legal community and others to understand the tools' capabilities. The approach for testing computer forensic tools is based on well-recognized methodologies for conformance and quality testing. The specifications and test methods are posted on the CFTT Web site (http://www.cftt.nist.gov) for both comment and review by the computer forensics community.

This document reports the results from testing PDBLOCK Version 2.10 against <u>Software Write Block Tool Specification & Test Plan Version 3.0</u>, available on CFTT's Web site (http://www.cftt.nist.gov/documents/SWB-STP-V3_1a.pdf). This specification identifies the following top-level tool requirements:

- The tool shall not allow a protected drive to be changed.
- The tool shall not prevent obtaining any information from or about any drive.
- The tool shall not prevent any operations to a drive that is not protected.

Test Results for Software Write Block Tools

Tool Tested: PDBLOCK VERSION 2.10 © 1999–2003

DIGITAL INTELLIGENCE, INC.

Executable Identification: Name: pdblock.exe

Size: 16,742 bytes

SHA1¹: 12c055ef9565781e822a2462a61b5d5b19660711

Operating System: MS–DOS[®] (Windows[®] 98 DOS)² Version 4.10.2222

Supplier: Digital Intelligence, Inc.

1325 Pearl Street Waukesha, WI 53186

262-524-9363

http://www.digitalintelligence.com/

1.0 Results Summary by Requirements

The tool shall not allow a protected drive to be changed.

For all test cases run, the tool always blocked all write commands sent to a protected drive. For some test cases run, the tool did not block all commands that could change protected drives.

The tool shall not prevent obtaining any information from or about any drive.

For all test cases run, the tool always allowed commands to obtain information from any protected drives.

The tool shall not prevent any operations to a drive that is not protected.

For all test cases run, the tool always allowed any command to access any unprotected drives. For some test cases run with five drives, the fifth drive was protected even though it was not designated as protected.

¹ The Secure Hash Algorithm (SHA1), developed by NIST and the National Security Agency for use with the Digital Signature Standard, is specified in *Secure Hash Standard* (FIPS Publication 180) (National Institute of Standards and Technology, May 1993).

² MS–DOS and Windows are registered trademarks of Microsoft Corporation.

2.0 Anomalies

The tool blocked all commands from the write category sent to a protected drive. However, the tool did not block some commands from the miscellaneous category that are either undefined (invalid) or outmoded and not routinely used by current software. These commands in current BIOS implementations do not write to a hard drive, but in the future they could be defined such that they would change the contents or accessibility of a protected drive. In the test specification, these commands are therefore included in categories that should be blocked.

The tool only blocked three commands in the miscellaneous category (command codes 0x1A, 0x22, and 0xED). Command code 0xED is always blocked with a return code of *fail* (0x0100) regardless of the protection status of the drive or the *fail* command line option.

Test cases: SWB-05, SWB-06, SWB-17, and SWB-18.

3.0 Observation

The documentation available for PDBLOCK Version 2.10 seems to imply that it only supports four hard disks. Because the number of drives supported is not perfectly clear, some tests were conducted with five hard drives. Behavior of the software on the fifth disk for computers with five drives was not always as expected.

If the user specified drive 4 as protected, PDBLOCK 2.10 issued the message **Error:**Invalid Drive List Specified: and exited, prematurely ending the test. This relates to the SWB-RO-03 requirement from *Software Write Block Tool Specification & Test Plan Version 3.0*: The user shall be able to specify each of the covered drives as either protected or unprotected.

There are no test cases included in this test report that demonstrate this behavior.

If the fifth drive was not included in the subset of drives specified for protection, PDBLOCK Version 2.10 still seemed to protect the fifth drive. This relates to assertion "SWB–AO–07 If a subset of all covered drives is specified for protection, then no commands from any category shall be blocked for drives not in the selected subset," from *Software Write Block Tool Specification & Test Plan Version 3.0*.

Test cases: SWB-15, SWB-16, SWB-17, and SWB-18.

4.0 Test Case Selection

The test cases were selected from *Software Write Block Tool Specification & Test Plan Version 3.0.* All 40 test cases listed in the specification were applied to PDBLOCK Version 2.10.

5.0 Test Results by Assertion

This section presents the test results grouped by assertion. The assertions were taken from *Software Write Block Tool Specification & Test Plan Version 3.0.*

5.1 Mandatory Assertions

SWB-AM-01. If a drive is protected and a command from the write category is issued for the protected drive, then the tool shall block the command.

Each command in the write category was sent to all protected drives. PDBLOCK Version 2.10 blocked every command from the write category sent to a protected drive.

Test cases: SWB-01 and SWB-02.

SWB-AM-02. If a drive is protected and a command from the configuration category is issued for the protected drive, then the tool shall block the command.

Each command in the configuration category was sent to all protected drives. PDBLOCK Version 2.10 blocked every command from the configuration category sent to a protected drive.

Test cases: SWB-03 and SWB-04.

SWB-AM-03. If a drive is protected and a command from the miscellaneous category is issued for the protected drive, then the tool shall block the command.

Each command in the miscellaneous category was sent to all protected drives. PDBLOCK Version 2.10 only blocked three of the commands from the miscellaneous category sent to a protected drive. Command codes 0x1A, 0x22, and 0xED were blocked; all other command codes were allowed.

<u>Table 5–1</u> contains an extract of the relevant information from the SWB–06 test case log file. Command code 0xED is always blocked with a return code of *fail* (0x0100) regardless of the setting of the */fail* command line option.

Table 5-1 Extract from Test Case SWB-06 Test Log

	Case	Cmd I	Drv	Action	Stat	Cry	Count	Cmd Name
3	SWB-06	<19>	80	Allowed	0000	Off	1	Undefined
4	SWB-06	<1A>	80	Blocked	0000	Off	0	Undefined
5	SWB-06	<1B>	80	Allowed	0000	Off	1	Undefined
11	SWB-06	<21>	80	Allowed	0000	Off	1	Undefined
12	SWB-06	<22>	80	Blocked	0000	Off	0	Undefined
13	SWB-06	<23>	80	Allowed	0000	Off	1	Undefined
208	SWB-06	<ec></ec>	80	Allowed	0000	Off	1	Undefined
209	SWB-06	<ed></ed>	80	Blocked	0100	On	0	Undefined
210	SWB-06	<ee></ee>	80	Allowed	0000	Off	1	Undefined

Test cases: SWB-05 and SWB-06.

SWB-AM-04. If a drive is protected and a command from the read category is issued for the protected drive, then the tool shall not block the command.

Each command in the read category was sent to all protected drives. PDBLOCK Version 2.10 never blocked any command from the read category sent to a protected drive.

SWB-AM-05. If a drive is protected and a command from the control category is issued for the protected drive, then the tool shall not block the command.

Each command in the control category was sent to all protected drives. PDBLOCK Version 2.10 never blocked any commands from the control category sent to a protected drive.

SWB-AM-06. If a drive is protected and a command from the information category is issued for the protected drive, then the tool shall not block the command.

Each command in the information category was sent to all protected drives. PDBLOCK Version 2.10 never blocked any command from the information category sent to a protected drive.

SWB-AM-07. If the tool is executed, then the tool shall issue a message indicating that the tool is active.

PDBLOCK Version 2.10 always issued the message **PDBlock Version 2.10** to indicate that the tool was active.

SWB-AM-08. If the tool is executed, then the tool shall issue a message indicating all drives accessible by the covered interfaces.

When executed with the */list* command line option, PDBLOCK Version 2.10 always issued the message **Physical Drives on this System:** followed by a table of drive attributes to identify the accessible drives.

SWB-AM-09. If the tool is executed, then the tool shall issue a message indicating the protection status of each drive attached to a covered interface.

PDBLOCK Version 2.10 always issued the message **Drives Protected:** [list] to indicate the protection status of each drive; "[list]" identifies the protected drives.

SWB-AM-10. If the tool is configured to return *success* on blocked commands and the tool blocks a command, then the return code shall indicate successful command execution.

When PDBLOCK Version 2.10 was configured to return *success* on blocked commands, except for command code 0xED, all blocked commands returned *success*. Command 0xED is always blocked and the return code is always 0x0100 (*fail*). See <u>Table 5–1</u>, a log file extract from test case SWB–06, and note that line 209 (result for the 0xED command) returns 0x0100.

Test cases: SWB-06, SWB-18, and SWB-40.

SWB-AM-11. If the tool is configured to return *fail* on blocked commands and the tool blocks a command, then the return code shall indicate unsuccessful command execution.

When PDBLOCK Version 2.10 was configured to return *fail* on blocked commands, all blocked commands returned *fail*.

5.2 Optional Assertions

SWB-AO-01. If a subset of all covered drives is specified for protection, then commands from the write category shall be blocked for drives in the selected subset.

When a subset of covered drives was selected and each command in the write category was sent to all protected drives, PDBLOCK Version 2.10 blocked every command from the write category sent to a protected drive.

SWB-AO-02. If a subset of all covered drives is specified for protection, then commands from the configuration category shall be blocked for drives in the selected subset.

When a subset of covered drives was selected and each command in the configuration category was sent to all protected drives, PDBLOCK Version 2.10 blocked every command from the configuration category sent to a protected drive.

Test cases: SWB-15 and SWB-16.

SWB-AO-03. If a subset of all covered drives is specified for protection, then commands from the miscellaneous category shall be blocked for drives in the selected subset.

When a subset of covered drives was selected and each command in the miscellaneous category was sent to all protected drives, PDBLOCK Version 2.10 only blocked three of the commands from the miscellaneous category sent to a protected drive. Command codes 0x1A, 0x22, and 0xED were blocked; all other command codes were allowed.

Test cases: SWB-17 and SWB-18.

SWB-AO-04. If a subset of all covered drives is specified for protection, then commands from the read category shall not be blocked for drives in the selected subset.

When a subset of covered drives was selected and each command in the read category was sent to all protected drives, PDBLOCK Version 2.10 never blocked any command from the read category sent to a protected drive.

SWB-AO-05. If a subset of all covered drives is specified for protection, then commands from the control category shall not be blocked for drives in the selected subset.

When a subset of covered drives was selected and each command in the control category was sent to all protected drives, PDBLOCK Version 2.10 never blocked any command from the control category sent to a protected drive.

SWB-AO-06. If a subset of all covered drives is specified for protection, then commands from the information category shall not be blocked for drives in the selected subset.

When a subset of covered drives was selected and each command in the information category was sent to all protected drives, PDBLOCK Version 2.10 never blocked any command from the information category sent to a protected drive.

SWB-AO-07. If a subset of all covered drives is specified for protection, then no commands from any category shall be blocked for drives not in the selected subset.

When a subset of covered drives was selected and each command in every category was sent to all unprotected drives of computers with fewer than five drives, PDBLOCK Version 2.10 never blocked any command sent to an unprotected drive, except for command code 0xED. When a computer had five drives and a subset of all covered disks was specified for protection, PDBLOCK 2.10 treated the fifth drive as protected even though it was not specified for protection. Command code 0xED was always blocked whether the drive was protected or not.

Test cases: SWB-15, SWB-16, SWB-17, and SWB-18.

SWB-AO-08. If the tool is active during the operating system boot and shutdown processes, then no changes are made to any protected drives.

The system was booted with the test harness and PDBLOCK Version 2.10 started from the AUTOEXEC.BAT file. Each command in the write category was sent to every protected drive to show that the tool was active. Finally, the system was shutdown. A SHA1 hash value was then computed and compared with a SHA1 hash value computed before the test for each drive used in the test to ensure that nothing was written to the disks after the harness was no longer active. The SHA1 hash values computed after the test were the same as the values computed before the test, indicating that no changes to the drives occurred during the test.

SWB-AO-09. If the tool is active and the tool is then deactivated, then no commands to any drive shall be blocked.

With one exception, when the tool was activated and then deactivated and commands in all categories were sent to each protected drive, PDBLOCK Version 2.10 never blocked any commands sent. The exception is command code 0xED. This command code is always blocked.

Test cases: SWB-39 and SWB-40.

SWB-AO-10. If the tool blocks a command, then the tool shall issue either an audio or a visual signal.

PDBLOCK Version 2.10 always indicated a blocked command with an audible signal.

6.0 Testing Environment

The tests were run in the NIST CFTT lab. This section describes the hardware (test computers and hard drives) available for testing. Not all components were used in testing. The following host computers were used for execution of test cases: Joe, Max, McMillan, and Freddy. Eight hard drives (eight different models and three different brands) were used for the tests (<u>Table 6–3</u>).

6.1 Test Computers

Three host computers—Joe, Max, and Freddy—have the following hardware components in common:

Table 6-1 Extended BIOS Host Computer Hardware Components

Intel D865GBF Motherboard

BIOS: Intel/AMI BF86510A.86A.0053.P13

Intel Dual Pentium 4 3.4hz

3072M Memory

Adaptec 29160 SCSI Adapter card Ultra 160

Sony DVD RW DRU-530A

IOGEAR GIC1394 3—Port Firewire PCI card Apacer USB 2.0 Embedded Card Reader Two slots for removable IDE hard disk drives

Two slots for removable SCSI hard disk drives Two slots for removable SATA hard disk drives

The computer McMillan has the following hardware components:

Table 6-2 Alternate Extended BIOS Host Computer Hardware Components

Intel D845WNL Motherboard

BIOS: HV84510A.86A.0022.P05

Intel Pentium IV 2.0Ghz

512672k Memory

Adaptec 29160 SCSI Adapter card

Tekram DC-390U3W SCSI Adapter card

Plextor CR-RW PX-W124TS Rev: 1.06

LG 52X CD-ROM

Floppy drive

Three slots for removable IDE hard disk drives

Two slots for removable SCSI hard disk drive

6.2 Hard Disk Drives

The hard disk drives that were used are listed in <u>Table 6–3</u>. These hard drives were mounted in removable storage modules. Any combination of up to two (three for McMillan) IDE hard drives and two SCSI hard drives were installed in Joe, Max, McMillan, or Freddy as required for a test. The IDE disks used had jumpers set for *cable select*. The SCSI ID for the SCSI disks was set to either 0 or 1 as required by the test case.

The **Label** column is an external identification for the hard drive. The **Model** column is the model identification string obtained from the drive. The **Interface** column identifies the type of interface used to connect the drive to the computer. The **Usable Sectors** column documents the size of the drive in sectors. The **GB** column gives the size of the drive in gigabytes.

Table 6-3 Hard Drives Used in Testing

Label	Model	Interface	Usable Sectors	GB
1F	QUANTUM_ATLAS10K3_18_SCA	SCSI	35916547	18.38
2B	QUANTUM QM39100TD-SCA	SCSI	17783248	9.10
64	WDCWD64AA	IDE	12594960	6.44
6F	Maxtor 6Y060L0	IDE	120103200	61.49
8A	WDC WD200EB-00CSF0	IDE	39102336	20.02
90	WDC WD300BB-00CAA0	IDE	58633344	30.02

Label	Model	Interface	Usable Sectors	GB
E3	QUANTUM_ATLAS10K2-TY092J	SCSI	17938985	9.18
E4	QUANTUM_ATLAS10K2-TY092J	SCSI	17938985	9.18
F5	IBM-DTLA-307020	IDE	40188960	20.57
F6	IBM-DTLA-307020	IDE	40188960	20.57

The drives were set up in a variety of ways with the common partition types (FAT16, FAT32, FAT32X, NTFS, and Linux ext2) represented. The setup of each drive is documented in <u>Table 6–4</u>. The **Drive Label** column is an external identification for the hard drive. The **Partition Table** column describes the partition table for the drive. Under **Partition Table**, the **N** subcolumn is a sequence number. The unlabeled subcolumn identifies a primary partition (P), primary extended partition (X), secondary partition within an extended partition (S), or extended partition within an extended partition (x). The **Start LBA** subcolumn is the starting logical block address (LBA) of the partition. The **Length** subcolumn is the length of the partition in sectors. The **boot** subcolumn indicates the boot partition. The **Partition type** subcolumn contains the two-digit hexadecimal partition type code and the name of the partition type for common partition types.

Table 6–4 Drive Partition Setup

Drive Label	Partition Table		
1F	N Start LBA Length boot Partition type		
	1 P 000000063 001236942 Boot 0B Fat32		
	2 X 001429785 033865020		
	3 S 000000063 000208782 83 Linux		
	4 x 000208845 000144585 05 extended		
	5 S 000000063 000144522		
	6 x 000771120 000192780 05 extended		
	7 S 000000063 000192717 16 other		
	8 S 000000000 000000000 00 empty entry		
	9 P 035294805 000064260 83 Linux		
2B	No partition table		
64	No partition table		
6F	No partition table		
8A	No partition table		
90	No partition table		
E3	N Start LBA Length boot Partition type		
	1 P 000000063 071681967		
	2 P 000000000 000000000 00 empty entry		
	3 P 000000000 000000000 00 empty entry		
	4 P 000000000 000000000 00 empty entry		
E4	N Start LBA Length boot Partition type		
	1 P 00000063 006152832 Boot 0B Fat32		
	2 X 008193150 009735390		
	3 S 000000000 000000000 00 empty entry		
	4 x 002056320 001237005 05 extended		
	5 S 000000063 001236942 07 NTFS		
	6 x 005349645 001638630		
	7 S 000000063 001638567 17 other		
	8 x 008498385 001237005 05 extended		
	9 S 000000063 001236942 1B other		
F5	N Start LBA Length boot Partition type		
	1 P 000000063 001236942 Boot 06 Fat16		
	2 X 002249100 007181055 05 extended		

Drive Label		Partitio	n Table
	3 S 000000063	000208782	83 Linux
	4 x 000208845	000144585	05 extended
	5 S 000000063	000144522	06 Fat16
	6 x 004450005	000192780	05 extended
	7 S 000000063	000192717	16 other
	8 S 000000000	00000000	00 empty entry
	9 P 009430155	006152895	83 Linux
F6	N Start LBA	Length boot	Partition type
	1 P 000000063	006152832 Boot	OB Fat32
	2 X 008193150	031985415	0F extended
	3 S 000000000	00000000	00 empty entry
	4 x 002056320	001237005	05 extended
	5 S 000000063	001236942	07 NTFS
	6 x 005349645	001638630	05 extended
	7 S 000000063	001638567	17 other
	8 x 030748410	001237005	05 extended
	9 S 000000063	001236942	1B other

After the drives were created and before testing began, a SHA1 hash value was computed for the entire drive (<u>Table 6–5</u>, top rows). After testing was finished, a SHA1 hash value was computed again (<u>Table 6–5</u>, bottom rows). The lack of change in the SHA1 hash values indicates that no changes were made to the drives during testing.

Table 6-5 Drive SHA1 Values, Before and After Testing

Drive	Time	SHA1 Hash Value
Label		
1F	Before	7DB8B538BC38907FC22B1CA79996D97F77421418
	After	7DB8B538BC38907FC22B1CA79996D97F77421418
2B	Before	2A7810E851B7392C3D4836A5DFFB5E73E8295C6F
	After	2A7810E851B7392C3D4836A5DFFB5E73E8295C6F
64	Before	8F52C49579C70407FE6D0EDCBE3FD7C42972823A
	After	8F52C49579C70407FE6D0EDCBE3FD7C42972823A
6F	Before	7C2F5F4FB0D04E5F1B51D0888753A1B125A503EA
	After	7C2F5F4FB0D04E5F1B51D0888753A1B125A503EA
A8	Before	891444D852E0C48C4713952B3BDAD89E03C205FD
	After	891444D852E0C48C4713952B3BDAD89E03C205FD
90	Before	08B4905B4D012401656248C39C904F6072476293
	After	08B4905B4D012401656248C39C904F6072476293
E3	Before	0F9DACDA6C63D197C048782003D324108CEC7AB0
	After	0F9DACDA6C63D197C048782003D324108CEC7AB0
E4	Before	25BF8AF6B2D3E0BD1909C96E368DB27F51C49CBF
	After	25BF8AF6B2D3E0BD1909C96E368DB27F51C49CBF
F5	Before	83A0002816BBF089F8BE33C41C92C3B5A0F42A54
	After	83A0002816BBF089F8BE33C41C92C3B5A0F42A54
F6	Before	8034683D5D55BA51409AC7B5CB0845CA2CF6B235
	After	8034683D5D55BA51409AC7B5CB0845CA2CF6B235

6.3 Support Software

Software Write Block Test Harness (SWBT) Release 1.0 was developed to support the testing of interrupt 0x13-based software write block tools. The program DISKWIPE from the FS–TST Release 1.0 package was used in the drive setup procedure. Both FS–TST Release 1.0 and SWBT Release 1.0 can be obtained from CFTT's Web site (http://www.cftt.nist.gov). The support software has components to monitor interrupt 0x13 activity (TALLY13.COM) and to issue each of the 256 possible interrupt 0x13 commands (TEST–HDL.EXE). The TEST–HDL program was written in ANSI C and compiled with the Borland C++ compiler Version 4.5. The TALLY13 program was written in assembler language and compiled with Borland Turbo Assembler Version 5.0.

The programs listed in <u>Table 6–6</u> are required for testing.

Table 6-6 Software Required for Testing

Program	Description
SWB Tool	The software write block tool to be tested.
TALLY13	The interrupt 0x13 monitor program. When active, it blocks all interrupt
	0x13 command functions and counts the number of times each function is
	requested for each drive. It also provides an interface for retrieving the
	count of the number of times each command function was requested for
	each drive.
TEST-HDL	The test harness issues (requests) all interrupt 0x13 command functions for
	a specified command category, queries the monitor program to determine if
	the function was blocked or allowed, and logs the results to a file.
T-OFF	Deactivate TALLY13.
SIG-LOG	Log operator's observations of an audible or visual signal indicating
	blocked commands.

6.4 Run Protocol Selection

Most test cases followed the same test procedures; four, however, required a different run protocol. The details of the run protocols can be found in *Software Write Block Tool Specification & Test Plan Version 3.0*. Three protocols were used to test PDBLOCK Version 2.10: **typical**, **boot**, and **uninstall**.

The **typical** protocol was used for test cases 01–36, the **boot** protocol was used for test cases 37 and 38, and the **uninstall** protocol was used for cases 39 and 40.

7.0 Interpretation of Test Results

The main item of interest for interpreting the test results is determining the tool's conformance to the test assertions. This section lists each test assertion and identifies the information in the log files relevant to conformance. Conformance of each assertion tested by a given test case is evaluated by examining the Commands Executed and Log File Highlights boxes of the test report summary. The Log File Highlights box contains extracts from each of the log files generated for a test case.

7.1 Test Assertion Verification

This section describes where to find the information needed to verify each test assertion in the test case report.

SWB-AM-01. If a drive is protected and a command from the write category is issued for the protected drive, then the tool shall block the command.

The protected drives are identified on the PDBLOCK command line in the Commands Executed box. The Test Harness Log section of the Log File Highlights box lists each command sent to each drive. If the action column contains *Blocked* for each command sent to a protected drive, the test case conforms to the assertion.

SWB-AM-02. If a drive is protected and a command from the configuration category is issued for the protected drive, then the tool shall block the command.

The protected drives are identified on the PDBLOCK command line in the Commands Executed box. The Test Harness Log section of the Log File Highlights box lists each command sent to each drive. If the action column contains *Blocked* for each command sent to a protected drive, the test case conforms to the assertion.

SWB-AM-03. If a drive is protected and a command from the miscellaneous category is issued for the protected drive, then the tool shall block the command.

The protected drives are identified on the PDBLOCK command line in the Commands Executed box. The Test Harness Log section of the Log File Highlights box lists each command sent to each drive. If the action column contains *Blocked* for each command sent to a protected drive, the test case conforms to the assertion.

SWB-AM-04. If a drive is protected and a command from the read category is issued for the protected drive, then the tool shall not block the command.

The protected drives are identified on the PDBLOCK command line in the Commands Executed box. The Test Harness Log section of the Log File Highlights box lists each command sent to

each drive. If the action column contains *Allowed* for each command sent to a protected drive, the test case conforms to the assertion.

SWB-AM-05. If a drive is protected and a command from the control category is issued for the protected drive, then the tool shall not block the command.

The protected drives are identified on the PDBLOCK command line in the Commands Executed box. The Test Harness Log section of the Log File Highlights box lists each command sent to each drive. If the action column contains *Allowed* for each command sent to a protected drive, the test case conforms to the assertion.

SWB-AM-06. If a drive is protected and a command from the information category is issued for the protected drive, then the tool shall not block the command.

The protected drives are identified on the PDBLOCK command line in the Commands Executed box. The Test Harness Log section of the Log File Highlights box lists each command sent to each drive. If the action column contains *Allowed* for each command sent to a protected drive, the test case conforms to the assertion.

SWB-AM-07. If the tool is executed, then the tool shall issue a message indicating that the tool is active.

If the Install PDBLOCK Log indicates that the tool is active, then the test case conforms to the test assertion.

SWB-AM-08. If the tool is executed, then the tool shall issue a message indicating all drives accessible by the covered interfaces.

The Hard Drives Used box lists the hard drives. If the Install PDBLOCK Log section of the Log File Highlights box has an entry for each of the drives and no other entries, the test case conforms to the assertion.

SWB-AM-09. If the tool is executed, then the tool shall issue a message indicating the protection status of each drive attached to a covered interface.

If drive **N** is listed on the PDBLOCK command line and the Install PDBLOCK log reports drive **N** as protected, the test case conforms to the assertion. The string **all** may also be used to indicate all drives are protected.

SWB-AM-10. If the tool is configured to return *success* on blocked commands and the tool blocks a command, then the return code shall indicate successful command execution.

PDBLOCK Version 2.10 was configured to return *success* on blocked commands by default unless the *fail* flag was used on the PDBLOCK command line. The return value of blocked commands is *success* if in the Test Harness Log the value of the Stat column is *0000* and the value of the Cry column is *off*.

SWB-AM-11. If the tool is configured to return *fail* on blocked commands and the tool blocks a command, then the return code shall indicate unsuccessful command execution.

PDBLOCK Version 2.10 was configured to return *fail* on blocked commands if the */fail* flag was used on the PDBLOCK command line. The return value of blocked commands is *fail* if in the Test Harness Log the value of the Stat column is either 0100 or 0300 and the value of the Cry column is *on*.

SWB-AO-01. If a subset of all covered drives is specified for protection, then commands from the write category shall be blocked for drives in the selected subset.

The protected drives are identified on the PDBLOCK command line in the Commands Executed box. The Test Harness Log lists each command sent to each drive. If the action column contains *Blocked* for each command sent to a protected drive, the test case conforms to the assertion.

SWB-AO-02. If a subset of all covered drives is specified for protection, then commands from the configuration category shall be blocked for drives in the selected subset.

The protected drives are identified on the PDBLOCK command line in the Commands Executed box. The Test Harness Log lists each command sent to each drive. If the action column contains *Blocked* for each command sent to a protected drive, the test case conforms to the assertion.

SWB-AO-03. If a subset of all covered drives is specified for protection, then commands from the miscellaneous category shall be blocked for drives in the selected subset.

The protected drives are identified on the PDBLOCK command line in the Commands Executed box. The Test Harness Log lists each command sent to each drive. If the action column contains *Blocked* for each command sent to a protected drive, the test case conforms to the assertion.

SWB-AO-04. If a subset of all covered drives is specified for protection, then commands from the read category shall not be blocked for drives in the selected subset.

The protected drives are identified on the PDBLOCK command line in the Commands Executed box. The Test Harness Log lists each command sent to each drive. If the action column contains *Allowed* for each command sent to a protected drive, the test case conforms to the assertion.

SWB-AO-05. If a subset of all covered drives is specified for protection, then commands from the control category shall not be blocked for drives in the selected subset.

The protected drives are identified on the PDBLOCK command line in the Commands Executed box. The Test Harness Log lists each command sent to each drive. If the action column contains *Allowed* for each command sent to a protected drive, the test case conforms to the assertion.

SWB-AO-06. If a subset of all covered drives is specified for protection, then commands from the information category shall not be blocked for drives in the selected subset.

The protected drives are identified on the PDBLOCK command line in the Commands Executed box. The Test Harness Log lists each command sent to each drive. If the action column contains *Allowed* for each command sent to a protected drive, the test case conforms to the assertion.

SWB-AO-07. If a subset of all covered drives is specified for protection, then no commands from any category shall be blocked for drives not in the selected subset.

The protected drives are identified on the PDBLOCK command line in the Commands Executed box; the unprotected drives are not identified. The Test Harness Log lists each command sent to each drive. If the action column contains *Allowed* for each command sent to an unprotected drive, the test case conforms to the assertion.

SWB-AO-08. If the tool is active during the operating system boot and shutdown processes, then no changes are made to any protected drives.

The protected drives are identified on the PDBLOCK command line in the Commands Executed box. The Test Harness Log lists each command sent to each drive. If the action column contains *Blocked* for each command sent to a protected drive, the test case conforms to the assertion.

SWB-AO-09. If the tool is active and the tool is then deactivated, then no commands to any drive shall be blocked.

This assertion requires a special test protocol. First, the tool is activated and some write commands are sent and blocked. Then, the tool is deactivated and each command is sent. There are two log files for the tool and two log files for the test harness. The tool is allowed to refuse to deactivate. The tool refuses to deactivate if it has been configured to return *success* for blocked commands because deactivation might allow a buffered write to take place. If the tool is in compliance with the assertion and deactivates successfully, then all commands are allowed to all drives. If the tool does not deactivate, then no change occurs to the protection status of the drives.

A warning message appears in the second instance of the Test Harness Log File. This is normal for test cases SWB-39 and SWB-40. The warning message notes that write commands were allowed to unprotected drives while the tool was active during the first part of the test (before the tool was deactivated).

SWB-AO-10. If the tool blocks a command, then the tool shall issue either an audio or a visual signal.

The signal log in the Log File Highlights box records the test operator's observations of either an audible or visual signal by the tool being tested to indicate a blocked command. If any commands are blocked, a value of *y* indicates that a signal was observed and that the tool conforms to the assertion.

7.2 Test Results Summary Key

A summary of the actual test results is presented in this report (see 8.0 Test Results Summaries). The following table presents a description of each section of the test report summary.

Table 7–1 Description of Test Report Summary

Heading	Description
First Line	Test case ID and the name and version of the software tested.
Case Summary	Test case summary from Software Write Block Tool
	Specification & Test Plan Version 3.0.
Assertions Tested	Assertions tested by the test case from <i>Software Write Block</i>
	Tool Specification & Test Plan Version 3.0.
Tester Name	Name or initials of the person executing the test procedure.
Test Date	Time and date that the test was started.
Test PC	Name of the computer used to execute the tool.
Test Software	Name and version of the test software.
Hard Drives Used	Description of the hard drives used in the test.
Commands Executed	Documentation of each command executed during the test.
	The protected drives are identified on the PDBLOCK command line. PDBLOCK Version 2.10 identifies the drives starting at 0.
Log File Highlights	Selected entries from the test case log files. Four log files may appear. The log file created for TALLY13 is labeled <i>Monitor Execution</i> . The log files created for PDBLOCK Version 2.10 are labeled <i>Install PDBLOCK Log</i> . The log file created by TEST–HDL is labeled <i>Test Harness Log</i> . The log file created by SIG–LOG is labeled <i>Signal Log</i> . For test cases SWB–39 and SWB–40, there are two separate logs for PDBLOCK Version 2.10 and also for TEST–HDL because these cases require execution of PDBLOCK twice. The monitor execution log file records the program version and the date that the TALLY13 program was executed. The PDBLOCK log files are obtained by output redirection of the execution of PDBLOCK Version 2.10. The log files contain the version of PDBLOCK used, the number of drives identified, and the protection status of each drive.
	The test harness log is the record of commands sent to PDBLOCK Version 2.10 and the action taken by PDBLOCK to either block or allow each command sent. The format of the file is as follows:

Heading	Description
	Command line. The command line used to execute
	TEST-HDL. This line begins with the string CMD.
	2. Case number.
	3. Command set. The category of interrupt 0x13 functions
	tested by this case.
	4. Date.
	5. Version. Version information about TEST–HDL and components. The creation date, creation time, and version of each source code component are listed. The compile time and date for the executable program are listed.
	6. Operator. The operator running the test.
	7. Host. The host computer running the test.8. Drives. The number of drives and the external drive label for each drive.
	Items 9 and 10 are repeated for each installed drive.
	 List of commands sent. Each line of the list has nine columns: sequence number, test case number, command code in hex (Cmd), drive number in hex (Drv), action taken by PDBLOCK Version 2.10 (either <i>Blocked</i> or <i>Allowed</i>), return status (0000 means success, 0300 or 0100 means fail), carry flag value (labeled Cry with values of either <i>on</i> indicating failure status or <i>off</i> indicating success status), count of the number of times the command was allowed by PDBLOCK Version 2.10, and the command name (or undefined for commands in the miscellaneous category). Summary of commands for the drive. The message indicates the number of commands blocked out of the number of commands sent. The last item is a summary of all the commands sent to all drives: the number of commands sent, the number blocked, and the number allowed (not blocked).
	The signal log records the test operator's observations of either an audible or visual signal by the tool being tested to indicate a blocked command. A value of <i>y</i> indicates that the operator observed a signal. A value of <i>n</i> indicates that no signal was observed.
Results	Expected and actual results for each assertion tested.
Analysis	Whether or not the expected results were achieved.

8.0 Test Results Summaries

Case SWB-01 PDBlo	ock Version 2.10	
Case summary:	SWB-01 Install all drives, configure return code to failure, protect	
	all drives, execute write commands.	
Assertions Tested:	SWB-AM-01. If a drive is protected and a command from the write category is issued for the protected drive then the tool shall block the command.	
	SWB-AM-07. If the tool is executed then the tool shall issue a message indicating that the tool is active.	
	SWB-AM-08. If the tool is executed then the tool shall issue a message indicating all drives accessible by the covered interfaces.	
	SWB-AM-09. If the tool is executed then the tool shall issue a message indicating the protection status of each drive attached to a covered interface.	
	SWB-AM-11. If the tool is configured to return fail on blocked commands and the tool blocks a command then the return code shall indicate unsuccessful command execution.	
	SWB-AO-10. If the tool blocks a command then the tool shall issue either an audio or a visual signal.	
Tester Name:	PEB	
Test Date:	Mon Aug 16 14:55:48 2004	
Test PC:	Max	
Test Software:	SWBT 1.0	
Hard Drives	Drive 80, label 6F is a Maxtor 6Y060L0 with 120103200 sectors	
Used:	Drive 81, label F5 is an IBM-DTLA-307020 with 40188960 sectors	
	Drive 82, label E3 is a QUANTUM ATLAS10K2-TY092J with 17938985 sectors	
G	Drive 83, label E4 is a QUANTUM ATLAS10K2-TY092J with 17938985 sectors	
Commands	Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222]	
executed:	A:\tally13 A:\pdblock 0123 /fail	
	A:\test-hdl SWB-01 Max PEB w 6F F5 E3 E4	
	A:\sig-log SWB-01 Max PEB W OF F5 E5 E4	
	Shutdown Test PC	
Log File	***** Monitor Execution *****	
Highlights:	Monitor BIOS interrupt 13h (disk service)	
	tally13 compiled on 07/29/03 at 07:33:17	
	@(#) Version 1.1 Created 07/29/03 at 07:28:05	
	Now (08/16/04 at 14:55:26) Going TSR	
	***** Install PDB Log *****	
	PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er	
Drives Protected: ALL		
	Return Code: FAILURE	
	Bell: ON	
	Message: ON	
	Drive Mode Length Size (Mb)	
	0 LBA 120103200 58644	
	CHS 16434495 8024	
	1 LBA 40188960 19623	
	CHS 16434495 8024	
	2 LBA 17938985 8759	
	CHS 16434495 8024 3 LBA 17938985 8759	
	CHS 16434495 8024	
	***** Test Harness Log *****	
	CMD: A:\TEST-HDL.EXE SWB-01 Max PEB w 6F F5 E3 E4	
	Case: SWB-01	
	Command set: Write	
	Date: Mon Aug 16 14:55:48 2004	
	Version: @(#) test-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51 @(#) wb-defs.h Version 1.2 Created 08/31/03 at 08:18:19 Compiled on Nuc 21 2002 at 08:10:54	
	Compiled on Aug 31 2003 at 08:10:54	
	Operator: PEB	
	Host: Max Number of drives 4, Drives: 6F F5 E3 E4	
	Case Cmd Drv Action Stat Cry Count Cmd Name	

	ock Version 2	.10	
	0 SWB-01	<03> 80 Blocked 0300 On 0	WriteSectors
	1 SWB-01	<0B> 80 Blocked 0300 On 0	WriteLong
		<43> 80 Blocked 0300 On 0	
		SWB-01 category w on drive 80	All commands blocked (3 of 3)
		<03> 81 Blocked 0300 On 0	WriteSectors
	1 SWB-01	<0B> 81 Blocked 0300 On 0	WriteLong
		<43> 81 Blocked 0300 On 0	
		SWB-01 category w on drive 81	
		<03> 82 Blocked 0300 On 0	
	1 SWB-01	<0B> 82 Blocked 0300 On 0	WriteLong
		<43> 82 Blocked 0300 On 0	
		SWB-01 category w on drive 82	
		<03> 83 Blocked 0300 On 0	
	1 SWB-01	<43> 83 Blocked 0300 On 0	WriteLong
		SWB-01 category w on drive 83	
		sent, 12 blocked, 0 not blocked	
	**** Signa SIGNAL: Y	l Log *****	
Results:	Assertion	Expected Results	Actual Results
•	ABBEL CIOII	Expected Results	ACTUAL RESULTS
	AM-01	All cmds to drive 80 blocked	All cmds to drive 80 blocked
	AM-01	All cmds to drive 80 blocked	All cmds to drive 80 blocked
	AM-01 AM-01	All cmds to drive 80 blocked All cmds to drive 81 blocked	All cmds to drive 80 blocked All cmds to drive 81 blocked
	AM-01 AM-01 AM-01	All cmds to drive 80 blocked All cmds to drive 81 blocked All cmds to drive 82 blocked All cmds to drive 83 blocked Tool active message	All cmds to drive 80 blocked All cmds to drive 81 blocked All cmds to drive 82 blocked
	AM-01 AM-01 AM-01	All cmds to drive 80 blocked All cmds to drive 81 blocked All cmds to drive 82 blocked All cmds to drive 83 blocked	All cmds to drive 80 blocked All cmds to drive 81 blocked All cmds to drive 82 blocked All cmds to drive 83 blocked
	AM-01 AM-01 AM-01 AM-01 AM-07	All cmds to drive 80 blocked All cmds to drive 81 blocked All cmds to drive 82 blocked All cmds to drive 83 blocked Tool active message	All cmds to drive 80 blocked All cmds to drive 81 blocked All cmds to drive 82 blocked All cmds to drive 83 blocked Tool active message
	AM-01 AM-01 AM-01 AM-01 AM-07 AM-08	All cmds to drive 80 blocked All cmds to drive 81 blocked All cmds to drive 82 blocked All cmds to drive 83 blocked Tool active message 4 drives identified	All cmds to drive 80 blocked All cmds to drive 81 blocked All cmds to drive 82 blocked All cmds to drive 83 blocked Tool active message 4 drives identified
	AM-01 AM-01 AM-01 AM-01 AM-07 AM-08 AM-09	All cmds to drive 80 blocked All cmds to drive 81 blocked All cmds to drive 82 blocked All cmds to drive 83 blocked Tool active message 4 drives identified Drive 80 is protected	All cmds to drive 80 blocked All cmds to drive 81 blocked All cmds to drive 82 blocked All cmds to drive 83 blocked Tool active message 4 drives identified Drive 80 is protected
	AM-01 AM-01 AM-01 AM-01 AM-07 AM-08 AM-09 AM-09	All cmds to drive 80 blocked All cmds to drive 81 blocked All cmds to drive 82 blocked All cmds to drive 83 blocked Tool active message 4 drives identified Drive 80 is protected Drive 81 is protected	All cmds to drive 80 blocked All cmds to drive 81 blocked All cmds to drive 82 blocked All cmds to drive 83 blocked Tool active message 4 drives identified Drive 80 is protected Drive 81 is protected
	AM-01 AM-01 AM-01 AM-01 AM-07 AM-08 AM-09 AM-09 AM-09	All cmds to drive 80 blocked All cmds to drive 81 blocked All cmds to drive 82 blocked All cmds to drive 83 blocked Tool active message 4 drives identified Drive 80 is protected Drive 81 is protected Drive 82 is protected	All cmds to drive 80 blocked All cmds to drive 81 blocked All cmds to drive 82 blocked All cmds to drive 83 blocked Tool active message 4 drives identified Drive 80 is protected Drive 81 is protected Drive 82 is protected
	AM-01 AM-01 AM-01 AM-01 AM-07 AM-08 AM-09 AM-09 AM-09 AM-09 AM-09	All cmds to drive 80 blocked All cmds to drive 81 blocked All cmds to drive 82 blocked All cmds to drive 83 blocked Tool active message 4 drives identified Drive 80 is protected Drive 81 is protected Drive 82 is protected Drive 83 is protected	All cmds to drive 80 blocked All cmds to drive 81 blocked All cmds to drive 82 blocked All cmds to drive 83 blocked Tool active message 4 drives identified Drive 80 is protected Drive 81 is protected Drive 82 is protected Drive 83 is protected

Case SWB-02 PDBlo	ock Version 2.10
Case summary:	SWB-02 Install two drives, configure return code to success, protect
	all drives, execute write commands.
Assertions	SWB-AM-01. If a drive is protected and a command from the write
Tested:	category is issued for the protected drive then the tool shall block the command.
	SWB-AM-07. If the tool is executed then the tool shall issue a message indicating that the tool is active.
	SWB-AM-08. If the tool is executed then the tool shall issue a message indicating all drives accessible by the covered interfaces. SWB-AM-09. If the tool is executed then the tool shall issue a message indicating the protection status of each drive attached to a covered interface.
	SWB-AM-10. If the tool is configured to return success on blocked commands and the tool blocks a command then the return code shall indicate successful command execution. SWB-AO-10. If the tool blocks a command then the tool shall issue either an audio or a visual signal.
Tester Name:	PEB
Test Date:	Fri Aug 06 15:28:44 2004
Test PC:	Max
Test Software:	SWBT 1.0
Hard Drives	Drive 80, label 64 is a WDC WD64AA with 12594960 sectors
Used:	Drive 81, label 2B is a Quantum QM39100TD-SCA Drive with 17783249
	sectors
Commands	Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222]
executed:	A:\tally13
	A:\pdblock 01
	A:\test-hdl SWB-02 Max PEB w 64 2B
	A:\sig-log SWB-02 Max PEB
	Shutdown Test PC
Log File	***** Monitor Execution *****

Case SWB-02 PDB1	ock Version 2	.10		
Highlights:	Monitor BIO	S interrupt 13h (disk service)		
3 3	tally13 compiled on 07/29/03 at 07:33:17 @(#) Version 1.1 Created 07/29/03 at 07:28:05			
	Now (08/06/	04 at 15:28:15) Going TS	SR	
	***** Install PDB Log *****			
	PDBlock Ver	sion 2.10: (P)hysical (D)isk Wi	rite (BLOCK)er	
	Drives Prote	ected: 0,1		
	Return Code	SUCCESS		
	Bell:	ON		
	Message:	ON		
	Drive Mode	e Length Size (Mb)		
	0 LB			
	CH	S 12578895 6142		
	1 LB			
		S 16434495 8024		
		Harness Log *****		
	,	T-HDL.EXE SWB-02 Max PEB w 64 2	2B	
	Case: SWB-0			
	Command set			
	Date: Fri A	ug 06 15:28:44 2004		
	Version: @(:	#) test-hdl.cpp Version 1.1 Cre	eated 08/23/03 at 10:13:51	
	Version: @(#) test-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51 @(#) wb-defs.h Version 1.2 Created 08/31/03 at 08:18:19			
	Compiled on Aug 31 2003 at 08:10:54			
	Operator: PEB			
	Host: Max			
	Number of d	rives 2, Drives: 64 2B		
	Case Cmd Drv Action Stat Cry Count Cmd Name			
		<03> 80 Blocked 0000 Off 0		
	1 SWB-02 <0B> 80 Blocked 0000 Off 0 WriteLong 2 SWB-02 <43> 80 Blocked 0000 Off 0 ExtWrite			
	2 SWB-02	<43> 80 Blocked 0000 Off 0	ExtWrite	
	Results for	SWB-02 category w on drive 80	All commands blocked (3 of 3)	
	0 SWB-02 <03> 81 Blocked 0000 Off 0 WriteSectors			
	1 SWB-02 <0B> 81 Blocked 0000 Off 0 WriteLong			
	2 SWB-02 <43> 81 Blocked 0000 Off 0 ExtWrite			
	Results for SWB-02 category w on drive 81 All commands blocked (3 of 3)			
	Summary: 6 sent, 6 blocked, 0 not blocked			
	***** Cianal Log *****			
	***** Signal Log ***** SIGNAL: y			
Results:		Expected Results	Actual Results	
	AM-01	All cmds to drive 80 blocked	All cmds to drive 80 blocked	
	AM-01	All cmds to drive 81 blocked	All cmds to drive 81 blocked	
	AM-07	Tool active message	Tool active message	
	AM-08	2 drives identified	2 drives identified	
	AM-09	Drive 80 is protected	Drive 80 is protected	
	AM-09	Drive 81 is protected	Drive 81 is protected	
	AM-10	6 Commands return success	6 Commands return success	
	A0-10	Signal observed	Signal observed	
Analysis:		cted results achieved	Digital Opperved	
	I JWD-UZ EXDE	cted results achieved		

Case SWB-03 PDBlo	ock Version 2.10	
Case summary:	SWB-03 Install one drive, configure return code to failure, protect al	
	drives, execute configuration commands.	
Assertions	SWB-AM-02. If a drive is protected and a command from the configuration	
Tested:	category is issued for the protected drive then the tool shall block the command.	
	SWB-AM-07. If the tool is executed then the tool shall issue a message indicating that the tool is active.	
	SWB-AM-08. If the tool is executed then the tool shall issue a message indicating all drives accessible by the covered interfaces.	
	SWB-AM-09. If the tool is executed then the tool shall issue a message indicating the protection status of each drive attached to a covered interface.	
	SWB-AM-11. If the tool is configured to return fail on blocked commands and the tool blocks a command then the return code shall indicate unsuccessful command execution.	

Case SWB-03 PDBlo	ock Version 2.10		
	SWB-AO-10. If the tool blocks a command the	nen the tool shall issue	
	either an audio or a visual signal.		
Tester Name:	PEB		
Test Date:	Tue Aug 10 14:33:35 2004		
Test PC:	McMillan		
Test Software:	SWBT 1.0		
Hard Drives	Drive 80, label 6F is a Maxtor 6Y060L0 wit	th 120103200 sectors	
Used:			
Commands	Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222]		
executed:	A:\tally13		
	A:\pdblock 0 /fail		
	A:\test-hdl SWB-03 McMillan PEB x 6F		
	A:\sig-log SWB-03 McMillan PEB		
	Shutdown Test PC		
Log File	**** Monitor Execution ****		
Highlights:	Monitor BIOS interrupt 13h (disk service)		
	tally13 compiled on 07/29/03 at 07:33:17		
	@(#) Version 1.1 Created 07/29/03 at 07:28		
	, , , , ,	SR	
	***** Install PDB Log **** PDBlock Version 2.10: (P)hysical (D)isk W	rite (RIOCK)er	
	Drives Protected: 0	TICE (DIOCK) ET	
	Return Code: FAILURE		
	Bell: ON		
	Message: ON		
	Drive Mode Length Size (Mb)		
	0 LBA 120103200 58644		
	CHS 16434495 8024		
	***** Test Harness Log *****		
	CMD: A:\TEST-HDL.EXE SWB-03 McMillan PEB x 6F		
	Case: SWB-03		
	Command set: Configure		
	Date: Tue Aug 10 14:33:35 2004		
	Version: @(#) test-hdl.cpp Version 1.1 Cre @(#) wb-defs.h Version 1.2 Created Compiled on Aug 31 2003 at 08:10:5 Operator: PEB	08/31/03 at 08:18:19	
	Host: McMillan		
	Number of drives 1, Drives: 6F		
	Case Cmd Drv Action Stat Cry Count	Cmd Name	
	_	FormatTrack	
	1 SWB-03 <06> 80 Blocked 0300 On 0	FormatBadSectors	
	2 SWB-03 <07> 80 Blocked 0300 On 0	FormatCyl	
		InitDriveParms	
		DiagnosticESDI	
		DiagnosticESDI	
	6 SWB-03 <12> 80 Blocked 0300 On 0	DiagnosticRAM	
		DiagnosticDrive	
		DiagnosticCTL	
	Results for SWB-03 category x on drive 80		
	Summary: 9 sent, 9 blocked, 0 not blocked		
	***** Signal Log ****		
	SIGNAL: y		
Results:	Assertion Expected Results	Actual Results	
1.054105	AM-02 All cmds to drive 80 blocked	All cmds to drive 80 blocked	
	AM-02 All chids to drive 80 blocked AM-07 Tool active message	Tool active message	
	AM-07 1001 active message AM-08 1 drives identified	1 drives identified	
	AM-08 I drives identified AM-09 Drive 80 is protected	Drive 80 is protected	
	AM-11 9 Commands return fail	9 Commands return fail	
	A0-10 Signal observed	Signal observed	
Analwaia:		pranar opperved	
Analysis:	SWB-03 Expected results achieved		

Case SWB-04 PDBlock Version 2.10			
Case summary:	SWB-04 Install all drives, configure return code to success, protect		
	all drives, execute configuration commands.		

Case SWD-04 PDDI	ock Version 2.10		
Assertions	SWB-AM-02. If a drive is protected and a command from the configuration		
Tested:	category is issued for the protected drive then the tool shall		
	block the command.		
	SWB-AM-07. If the tool is executed then the tool shall issue a message		
	indicating that the tool is active. SWB-AM-08. If the tool is executed then the tool shall issue a message indicating all drives accessible by the covered interfaces.		
	SWB-AM-09. If the tool is executed then the tool shall issue a message		
	indicating the protection status of each drive attached to a		
	covered interface.		
	SWB-AM-10. If the tool is configured to return success on blocked		
	commands and the tool blocks a command then the return code shall		
	indicate successful command execution.		
	SWB-AO-10. If the tool blocks a command then the tool shall issue		
	either an audio or a visual signal.		
Tester Name:	PEB		
Test Date:	Tue Aug 17 12:14:28 2004		
Test PC:	Max		
Test Software:	SWBT 1.0		
Hard Drives	Drive 80, label F5 is an IBM-DTLA-307020 with 40188960 sectors		
Used:	Drive 81, label F6 is an IBM-DTLA-307020 with 40188960 sectors		
	Drive 82, label E3 is a QUANTUM ATLAS10K2-TY092J with 17938985 sectors		
	Drive 83, label E4 is a QUANTUM ATLAS10K2-TY092J with 17938985 sectors		
Commands	Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222]		
executed:	A:\tallv13		
caccuted.	A:\pdblock 0123		
	-		
	A:\test-hdl SWB-04 Max PEB x F5 F6 E3 E4		
	A:\sig-log SWB-04 Max PEB		
	Shutdown Test PC		
Log File	***** Monitor Execution *****		
Highlights:	Monitor BIOS interrupt 13h (disk service)		
3 3	tally13 compiled on 07/29/03 at 07:33:17		
	@(#) Version 1.1 Created 07/29/03 at 07:28:05		
	Now (08/17/04 at 12:14:07) Going TSR		
	***** Install PDB Log *****		
	PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er		
	Drives Protected: ALL		
	Return Code: SUCCESS		
	Bell: ON		
	Message: ON		
	Drive Mode Length Size (Mb)		
	0 LBA 40188960 19623		
	CHS 16434495 8024		
	1 LBA 40188960 19623		
	I I I I I I I I I I I I I I I I I I I		
	CHS 16434495 8024		
	CHS 16434495 8024 2 LBA 17938985 8759		
	CHS 16434495 8024 2 LBA 17938985 8759 CHS 16434495 8024		
	CHS 16434495 8024 2 LBA 17938985 8759		
	CHS 16434495 8024 2 LBA 17938985 8759 CHS 16434495 8024		
	CHS 16434495		
	CHS 16434495		
	CHS 16434495		
	CHS		
	CHS 16434495		
	CHS		

7 SWB-04 <13> 80 Blocked 0000 Off	Case SWB-04 PDBlo	ock Version 2	.10	
8 SWB-04 <14	case sus of faste			DiagnosticDrive
Results for SWB-04 category x on drive 80 All commands blocked (9 of 9) O SWB-04 c05 81 Blocked 0000 off				3
0 SWB-04 <05-81 Blocked 0000 off 0 FormatTrack				_
1 SWB-04 <06-81 Blocked 0000 Off			3 1	
2 SWB-04 <07> 81 Blocked 0000 Off				FormatBadSectors
3 SWB-04 <09> 81 Blocked 0000 Off				
4 SWB-04 <0P> 81 Blocked 0000 Off				-
S.NHB-04 <0P> 81 Blocked 0000 Off		4 SWB-04	<0E> 81 Blocked 0000 Off 0	DiagnosticESDI
7 SWB-04 <13> 81 Blocked 0000 Off		5 SWB-04	<of> 81 Blocked 0000 Off 0</of>	DiagnosticESDI
### 8 SWB-04 <14> 81 Blocked 0000 Off		6 SWB-04	<12> 81 Blocked 0000 Off 0	DiagnosticRAM
Results for SWB-04 category x on drive 81 All commands blocked (9 of 9) 0 SWB-04 <05> 82 Blocked 0000 Off		7 SWB-04	<13> 81 Blocked 0000 Off 0	DiagnosticDrive
0 SWB-04 <05> 82 Blocked 0000 Off		8 SWB-04	<14> 81 Blocked 0000 Off 0	DiagnosticCTL
1 SWB-04 <07> 82 Blocked 0000 Off		Results for	SWB-04 category x on drive 81	All commands blocked (9 of 9)
2 SWB-04 <07> 82 Blocked 0000 Off		0 SWB-04	<05> 82 Blocked 0000 Off 0	FormatTrack
3 SWB-04 <09> 82 Blocked 0000 Off		1 SWB-04	<06> 82 Blocked 0000 Off 0	FormatBadSectors
### A SWB-04 <0E> 82 Blocked 0000 Off		2 SWB-04	<07> 82 Blocked 0000 Off 0	FormatCyl
5 SWB-04 <0F> 82 Blocked 0000 Off		3 SWB-04	<09> 82 Blocked 0000 Off 0	InitDriveParms
6 SWB-04 <12> 82 Blocked 0000 Off		4 SWB-04	<0E> 82 Blocked 0000 Off 0	DiagnosticESDI
7 SWB-04 <13> 82 Blocked 0000 Off		5 SWB-04	<0F> 82 Blocked 0000 Off 0	DiagnosticESDI
Results for SWB-04 <14> 82 Blocked 0000 Off 0 DiagnosticCTL Results for SWB-04 category x on drive 82 All commands blocked (9 of 9) 0 SWB-04 <05> 83 Blocked 0000 Off 0 FormatTrack 1 SWB-04 <07> 83 Blocked 0000 Off 0 FormatCyl 3 SWB-04 <07> 83 Blocked 0000 Off 0 FormatCyl 3 SWB-04 <07> 83 Blocked 0000 Off 0 FormatCyl 3 SWB-04 <08> 83 Blocked 0000 Off 0 InitDriveParms 4 SWB-04 <08> 83 Blocked 0000 Off 0 DiagnosticESDI 5 SWB-04 <08> 83 Blocked 0000 Off 0 DiagnosticESDI 6 SWB-04 <12> 83 Blocked 0000 Off 0 DiagnosticESDI 7 SWB-04 <13> 83 Blocked 0000 Off 0 DiagnosticTMM 7 SWB-04 <13> 83 Blocked 0000 Off 0 DiagnosticTM 8 SWB-04 <14> 83 Blocked 0000 Off 0 DiagnosticTTL Results for SWB-04 category x on drive 83 All commands blocked (9 of 9) Summary: 36 sent, 36 blocked, 0 not blocked ***** Signal Log **** SIGNAL: y Results: Assertion Expected Results Actual Results Am-02 All cmds to drive 80 blocked All cmds to drive 81 blocked Am-02 All cmds to drive 81 blocked All cmds to drive 82 blocked Am-02 All cmds to drive 82 blocked All cmds to drive 82 blocked Am-02 All cmds to drive 83 blocked All cmds to drive 83 blocked Am-02 All cmds to drive 83 blocked All cmds to drive 83 blocked Am-02 All cmds to drive 83 blocked All cmds to drive 83 blocked Am-02 All cmds to drive 83 blocked All cmds to drive 83 blocked Am-08 A drives identified Adrives identified Am-09 Drive 80 is protected Drive 80 is protected Am-09 Drive 80 is protected Drive 81 is protected Am-09 Drive 81 is protected Drive 81 is protected Am-09 Drive 83 is protected Drive 83 is protected Am-09 Drive 83 is protected Drive 83 is protected Am-00 Signal observed Signal obser		6 SWB-04	<12> 82 Blocked 0000 Off 0	DiagnosticRAM
Results for SWB-04 category x on drive 82 All commands blocked (9 of 9) 0 SWB-04 <05> 83 Blocked 0000 Off 0 FormatTrack 1 SWB-04 <06> 83 Blocked 0000 Off 0 FormatTrack 2 SWB-04 <07> 83 Blocked 0000 Off 0 FormatCyl 3 SWB-04 <09> 83 Blocked 0000 Off 0 InitDriveParms 4 SWB-04 <08> 83 Blocked 0000 Off 0 DiagnosticESDI 5 SWB-04 <08> 83 Blocked 0000 Off 0 DiagnosticESDI 6 SWB-04 <12> 83 Blocked 0000 Off 0 DiagnosticESDI 6 SWB-04 <12> 83 Blocked 0000 Off 0 DiagnosticEMM 7 SWB-04 <13> 83 Blocked 0000 Off 0 DiagnosticTMM 7 SWB-04 <13> 83 Blocked 0000 Off 0 DiagnosticTL Results for SWB-04 category x on drive 83 All commands blocked (9 of 9) Summary: 36 sent, 36 blocked, 0 not blocked ***** Signal Log ***** SIGNAL: y Results: Assertion Expected Results Actual Results		7 SWB-04	<13> 82 Blocked 0000 Off 0	DiagnosticDrive
0 SWB-04 <05> 83 Blocked 0000 Off 0 FormatTrack 1 SWB-04 <06> 83 Blocked 0000 Off 0 FormatEdadSectors 2 SWB-04 <07> 83 Blocked 0000 Off 0 FormatCyl 3 SWB-04 <09> 83 Blocked 0000 Off 0 InitDriveParms 4 SWB-04 <05> 83 Blocked 0000 Off 0 DiagnosticESDI 5 SWB-04 <05> 83 Blocked 0000 Off 0 DiagnosticESDI 6 SWB-04 <12> 83 Blocked 0000 Off 0 DiagnosticESDI 6 SWB-04 <12> 83 Blocked 0000 Off 0 DiagnosticESDI 7 SWB-04 <13> 83 Blocked 0000 Off 0 DiagnosticEDI 8 SWB-04 <14> 83 Blocked 0000 Off 0 DiagnosticCTL Results for SWB-04 category x on drive 83 All commands blocked (9 of 9) Summary: 36 sent, 36 blocked, 0 not blocked ****** Signal Log ***** SIGNAL: y Results: Assertion Expected Results Actual Results		8 SWB-04	<14> 82 Blocked 0000 Off 0	DiagnosticCTL
1 SWB-04 <06> 83 Blocked 0000 Off		Results for	SWB-04 category x on drive 82	All commands blocked (9 of 9)
2 SWB-04 <07> 83 Blocked 0000 Off		0 SWB-04	<05> 83 Blocked 0000 Off 0	FormatTrack
3 SWB-04 <09> 83 Blocked 0000 Off 0 InitDriveParms 4 SWB-04 <0E> 83 Blocked 0000 Off 0 DiagnosticESDI 5 SWB-04 <0F> 83 Blocked 0000 Off 0 DiagnosticESDI 6 SWB-04 <12> 83 Blocked 0000 Off 0 DiagnosticESDI 7 SWB-04 <13> 83 Blocked 0000 Off 0 DiagnosticRAM 7 SWB-04 <13> 83 Blocked 0000 Off 0 DiagnosticDrive 8 SWB-04 <14> 83 Blocked 0000 Off 0 DiagnosticTL Results for SWB-04 category x on drive 83 All commands blocked (9 of 9) Summary: 36 sent, 36 blocked, 0 not blocked ***** Signal Log ***** SIGNAL: y Results: AM-02 All cmds to drive 80 blocked All cmds to drive 80 blocked AM-02 All cmds to drive 81 blocked All cmds to drive 81 blocked AM-02 All cmds to drive 82 blocked All cmds to drive 82 blocked AM-02 All cmds to drive 83 blocked All cmds to drive 83 blocked AM-07 Tool active message Tool active message AM-08 4 drives identified 4 drives identified AM-09 Drive 80 is protected Drive 80 is protected AM-09 Drive 81 is protected Drive 81 is protected AM-09 Drive 83 is protected Drive 83 is protected AM-09 Drive 83 is protected Drive 83 is protected AM-09 Drive 83 is protected Drive 83 is protected AM-09 Drive 83 is protected Drive 83 is protected AM-09 Drive 83 is protected Drive 83 is protected AM-00 Signal observed Signal observed		1 SWB-04	<06> 83 Blocked 0000 Off 0	FormatBadSectors
4 SWB-04 <0E> 83 Blocked 0000 Off 0 DiagnosticESDI 5 SWB-04 <0F> 83 Blocked 0000 Off 0 DiagnosticESDI 6 SWB-04 <12> 83 Blocked 0000 Off 0 DiagnosticESDI 7 SWB-04 <13> 83 Blocked 0000 Off 0 DiagnosticESDI 8 SWB-04 <13> 83 Blocked 0000 Off 0 DiagnosticDrive 8 SWB-04 <14> 83 Blocked 0000 Off 0 DiagnosticCTL Results for SWB-04 category x on drive 83 All commands blocked (9 of 9) Summary: 36 sent, 36 blocked, 0 not blocked ****** Signal Log ***** SIGNAL: y Results: Assertion Expected Results Actual Results Am-02 All cmds to drive 80 blocked All cmds to drive 80 blocked Am-02 All cmds to drive 81 blocked All cmds to drive 81 blocked Am-02 All cmds to drive 82 blocked All cmds to drive 82 blocked Am-02 All cmds to drive 83 blocked All cmds to drive 83 blocked Am-02 All cmds to drive 83 blocked All cmds to drive 83 blocked Am-07 Tool active message Am-08 4 drives identified 4 drives identified Am-09 Drive 80 is protected Drive 80 is protected Am-09 Drive 81 is protected Drive 81 is protected Am-09 Drive 81 is protected Drive 82 is protected Am-09 Drive 83 is protected Drive 83 is protected Am-09 Drive 83 is protected Drive 83 is protected Am-09 Drive 83 is protected Drive 83 is protected Am-09 Drive 83 is protected Drive 83 is protected Am-09 Drive 83 is protected Drive 83 is protected Am-10 36 Commands return success 36 Commands return success AO-10 Signal observed Signal observed				FormatCyl
5 SWB-04 <0F> 83 Blocked 0000 Off				InitDriveParms
Results: Assertion Expected Results Actual Results				
7 SWB-04 <13> 83 Blocked 0000 Off 0 DiagnosticDrive 8 SWB-04 <14> 83 Blocked 0000 Off 0 DiagnosticCTL Results for SWB-04 category x on drive 83 All commands blocked (9 of 9) Summary: 36 sent, 36 blocked, 0 not blocked ***** Signal Log ***** SIGNAL: y Results: Assertion Expected Results Actual Results				9
Results for SWB-04 category x on drive 83 All commands blocked (9 of 9) Summary: 36 sent, 36 blocked, 0 not blocked ***** Signal Log ***** SIGNAL: y Results: AM-02 All cmds to drive 80 blocked All cmds to drive 80 blocked AM-02 All cmds to drive 81 blocked All cmds to drive 81 blocked AM-02 All cmds to drive 82 blocked All cmds to drive 82 blocked AM-02 All cmds to drive 82 blocked All cmds to drive 83 blocked AM-02 All cmds to drive 83 blocked All cmds to drive 83 blocked AM-02 All cmds to drive 83 blocked All cmds to drive 83 blocked AM-07 Tool active message Tool active message AM-08 4 drives identified 4 drives identified AM-09 Drive 80 is protected Drive 80 is protected AM-09 Drive 81 is protected Drive 81 is protected AM-09 Drive 82 is protected Drive 81 is protected AM-09 Drive 83 is protected Drive 82 is protected AM-09 Drive 83 is protected Drive 83 is protected AM-09 Drive 83 is protected Drive 83 is protected AM-10 36 Commands return success 36 Commands return success AO-10 Signal observed				_
Results for SWB-04 category x on drive 83 All commands blocked (9 of 9) Summary: 36 sent, 36 blocked, 0 not blocked ***** Signal Log ***** SIGNAL: y Results: AM-02 All cmds to drive 80 blocked All cmds to drive 80 blocked AM-02 All cmds to drive 81 blocked All cmds to drive 81 blocked AM-02 All cmds to drive 82 blocked All cmds to drive 82 blocked AM-02 All cmds to drive 82 blocked All cmds to drive 82 blocked AM-02 All cmds to drive 83 blocked AM-02 Tool active message AM-08 4 drives identified 4 drives identified AM-09 Drive 80 is protected Drive 80 is protected AM-09 Drive 81 is protected Drive 81 is protected AM-09 Drive 82 is protected Drive 82 is protected AM-09 Drive 83 is protected Drive 83 is protected AM-10 36 Commands return success 36 Commands return success AO-10 Signal observed Signal observed				3
Summary: 36 sent, 36 blocked, 0 not blocked ***** Signal Log ***** SIGNAL: y Results: Assertion Expected Results AM-02 All cmds to drive 80 blocked All cmds to drive 80 blocked AM-02 All cmds to drive 81 blocked All cmds to drive 81 blocked AM-02 All cmds to drive 82 blocked All cmds to drive 82 blocked AM-02 All cmds to drive 83 blocked All cmds to drive 83 blocked AM-07 Tool active message Tool active message AM-08 4 drives identified 4 drives identified AM-09 Drive 80 is protected Drive 80 is protected AM-09 Drive 81 is protected Drive 81 is protected AM-09 Drive 82 is protected Drive 83 is protected AM-09 Drive 83 is protected Drive 83 is protected AM-09 Drive 83 is protected Drive 83 is protected AM-09 Drive 83 is protected Drive 83 is protected AM-09 Drive 83 is protected Drive 83 is protected AM-09 Drive 83 is protected Drive 83 is protected AM-10 36 Commands return success 36 Commands return success AO-10 Signal observed				9
***** Signal Log ***** SIGNAL: y Results: Am-02 All cmds to drive 80 blocked All cmds to drive 80 blocked Am-02 All cmds to drive 81 blocked All cmds to drive 81 blocked Am-02 All cmds to drive 82 blocked All cmds to drive 82 blocked Am-02 All cmds to drive 83 blocked All cmds to drive 83 blocked Am-02 All cmds to drive 83 blocked All cmds to drive 83 blocked Am-07 Tool active message Tool active message Am-08 4 drives identified 4 drives identified Am-09 Drive 80 is protected Drive 80 is protected Am-09 Drive 81 is protected Drive 81 is protected Am-09 Drive 82 is protected Drive 82 is protected Am-09 Drive 83 is protected Drive 83 is protected Am-09 Drive 83 is protected Drive 83 is protected Am-09 Drive 83 is protected Drive 83 is protected Signal observed				
Results: Assertion Expected Results Actual Results AM-02 All cmds to drive 80 blocked All cmds to drive 80 blocked AM-02 All cmds to drive 81 blocked All cmds to drive 81 blocked AM-02 All cmds to drive 82 blocked All cmds to drive 82 blocked AM-02 All cmds to drive 83 blocked All cmds to drive 82 blocked AM-02 All cmds to drive 83 blocked All cmds to drive 83 blocked AM-07 Tool active message Tool active message AM-08 4 drives identified 4 drives identified AM-09 Drive 80 is protected Drive 80 is protected AM-09 Drive 81 is protected Drive 81 is protected AM-09 Drive 82 is protected Drive 82 is protected AM-09 Drive 83 is protected Drive 83 is protected AM-09 Drive 83 is protected Drive 83 is protected AM-10 36 Commands return success 36 Commands return success AO-10 Signal observed Signal observed		Summary: 36	sent, 36 blocked, 0 not blocke	ed
Results: Assertion Expected Results Actual Results AM-02 All cmds to drive 80 blocked All cmds to drive 80 blocked AM-02 All cmds to drive 81 blocked All cmds to drive 81 blocked AM-02 All cmds to drive 82 blocked All cmds to drive 82 blocked AM-02 All cmds to drive 83 blocked All cmds to drive 82 blocked AM-02 All cmds to drive 83 blocked All cmds to drive 83 blocked AM-07 Tool active message Tool active message AM-08 4 drives identified 4 drives identified AM-09 Drive 80 is protected Drive 80 is protected AM-09 Drive 81 is protected Drive 81 is protected AM-09 Drive 82 is protected Drive 82 is protected AM-09 Drive 83 is protected Drive 83 is protected AM-09 Drive 83 is protected Drive 83 is protected AM-10 36 Commands return success 36 Commands return success AO-10 Signal observed Signal observed				
Results: Assertion Expected Results Actual Results AM-02 All cmds to drive 80 blocked All cmds to drive 80 blocked AM-02 All cmds to drive 81 blocked All cmds to drive 81 blocked AM-02 All cmds to drive 82 blocked All cmds to drive 82 blocked AM-02 All cmds to drive 83 blocked All cmds to drive 82 blocked AM-02 All cmds to drive 83 blocked All cmds to drive 83 blocked AM-07 Tool active message Tool active message AM-08 4 drives identified 4 drives identified AM-09 Drive 80 is protected Drive 80 is protected AM-09 Drive 81 is protected Drive 81 is protected AM-09 Drive 82 is protected Drive 82 is protected AM-09 Drive 83 is protected Drive 83 is protected AM-09 Drive 83 is protected Drive 83 is protected AM-10 36 Commands return success 36 Commands return success AO-10 Signal observed Signal observed				
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AM-02 All cmds to drive 80 blocked All cmds to drive 80 blocked AM-02 All cmds to drive 81 blocked All cmds to drive 81 blocked AM-02 All cmds to drive 82 blocked All cmds to drive 82 blocked AM-02 All cmds to drive 83 blocked All cmds to drive 83 blocked AM-07 Tool active message Tool active message AM-08 4 drives identified 4 drives identified AM-09 Drive 80 is protected Drive 80 is protected AM-09 Drive 81 is protected Drive 81 is protected AM-09 Drive 82 is protected Drive 82 is protected AM-09 Drive 83 is protected Drive 83 is protected AM-09 Drive 83 is protected Drive 83 is protected AM-09 Drive 83 is protected Drive 83 is protected AM-10 36 Commands return success 36 Commands return success AO-10 Signal observed	Dagultat	-	E	Artual Barulta
AM-02 All cmds to drive 81 blocked All cmds to drive 81 blocked AM-02 All cmds to drive 82 blocked All cmds to drive 82 blocked AM-02 All cmds to drive 83 blocked All cmds to drive 83 blocked AM-07 Tool active message Tool active message AM-08 4 drives identified 4 drives identified AM-09 Drive 80 is protected Drive 80 is protected AM-09 Drive 81 is protected Drive 81 is protected AM-09 Drive 82 is protected Drive 82 is protected AM-09 Drive 83 is protected Drive 83 is protected AM-09 Drive 83 is protected Drive 83 is protected AM-09 Drive 83 is protected Drive 83 is protected AM-10 36 Commands return success 36 Commands return success AO-10 Signal observed	Results.			
AM-02 All cmds to drive 82 blocked All cmds to drive 82 blocked AM-02 All cmds to drive 83 blocked All cmds to drive 83 blocked AM-07 Tool active message Tool active message AM-08 4 drives identified 4 drives identified AM-09 Drive 80 is protected Drive 80 is protected AM-09 Drive 81 is protected Drive 81 is protected AM-09 Drive 82 is protected Drive 82 is protected AM-09 Drive 83 is protected Drive 83 is protected AM-09 Drive 83 is protected Drive 83 is protected AM-10 36 Commands return success AO-10 Signal observed Signal observed				
AM-02 All cmds to drive 83 blocked All cmds to drive 83 blocked AM-07 Tool active message Tool active message AM-08 4 drives identified 4 drives identified AM-09 Drive 80 is protected Drive 80 is protected AM-09 Drive 81 is protected Drive 81 is protected AM-09 Drive 82 is protected Drive 82 is protected AM-09 Drive 83 is protected Drive 83 is protected AM-09 Drive 83 is protected Drive 83 is protected AM-10 36 Commands return success 36 Commands return success AO-10 Signal observed Signal observed				
AM-07 Tool active message Tool active message AM-08 4 drives identified 4 drives identified AM-09 Drive 80 is protected Drive 80 is protected AM-09 Drive 81 is protected Drive 81 is protected AM-09 Drive 82 is protected Drive 82 is protected AM-09 Drive 83 is protected Drive 83 is protected AM-09 Drive 83 is protected Drive 83 is protected AM-10 36 Commands return success 36 Commands return success AO-10 Signal observed Signal observed				
AM-08 4 drives identified 4 drives identified AM-09 Drive 80 is protected Drive 80 is protected AM-09 Drive 81 is protected Drive 81 is protected AM-09 Drive 82 is protected Drive 82 is protected AM-09 Drive 83 is protected Drive 83 is protected AM-10 36 Commands return success 36 Commands return success AO-10 Signal observed Signal observed		l		
AM-09 Drive 80 is protected Drive 80 is protected AM-09 Drive 81 is protected Drive 81 is protected AM-09 Drive 82 is protected Drive 82 is protected AM-09 Drive 83 is protected Drive 83 is protected AM-10 36 Commands return success 36 Commands return success AO-10 Signal observed Signal observed				
AM-09 Drive 81 is protected Drive 81 is protected AM-09 Drive 82 is protected Drive 82 is protected AM-09 Drive 83 is protected Drive 83 is protected AM-10 36 Commands return success AO-10 Signal observed Signal observed				
AM-09 Drive 82 is protected Drive 82 is protected AM-09 Drive 83 is protected Drive 83 is protected AM-10 36 Commands return success 36 Commands return success AO-10 Signal observed Signal observed		AM-09	_	_
AM-09 Drive 83 is protected Drive 83 is protected AM-10 36 Commands return success 36 Commands return success AO-10 Signal observed Signal observed				
AM-10 36 Commands return success 36 Commands return success AO-10 Signal observed Signal observed			_	_
AO-10 Signal observed Signal observed		AM-09	Drive 82 is protected	Drive 82 is protected
		AM-09 AM-09	Drive 82 is protected Drive 83 is protected	Drive 82 is protected Drive 83 is protected
Analysis: SWB-04 Expected results achieved		AM-09 AM-09 AM-10	Drive 82 is protected Drive 83 is protected 36 Commands return success	Drive 82 is protected Drive 83 is protected 36 Commands return success
		AM-09 AM-09 AM-10 AO-10	Drive 82 is protected Drive 83 is protected 36 Commands return success Signal observed	Drive 82 is protected Drive 83 is protected 36 Commands return success

Case SWB-05 PDBlo	Case SWB-05 PDBlock Version 2.10		
Case summary:	SWB-05 Install two drives, configure return code to failure, protect		
	all drives, execute miscellaneous commands.		
Assertions	SWB-AM-03. If a drive is protected and a command from the miscellaneous		
Tested:	category is issued for the protected drive then the tool shall		
	block the command.		
	SWB-AM-07. If the tool is executed then the tool shall issue a message		
	indicating that the tool is active.		
	SWB-AM-08. If the tool is executed then the tool shall issue a message		
	indicating all drives accessible by the covered interfaces.		
	SWB-AM-09. If the tool is executed then the tool shall issue a message		
	indicating the protection status of each drive attached to a		
	covered interface.		
	SWB-AM-11. If the tool is configured to return fail on blocked commands		
	and the tool blocks a command then the return code shall indicate		

Case SWB-05 PDBl	ock Version 2.10		
	unsuccessful command execution.		
	SWB-AO-10. If the tool blocks a command then the tool shall issue either an audio or a visual signal.		
Tester Name:	PEB		
Test Date:	Fri Aug 06 15:42:00 2004		
Test PC:	Max		
Test Software:	SWBT 1.0		
Hard Drives Used:	Drive 80, label 64 is a WDC WD64AA with 12594960 sectors Drive 81, label 2B is a Quantum QM39100TD-SCA Drive with 17783249 sectors		
Commands	Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222]		
executed:	A:\tally13 A:\pdblock 01 /fail A:\test-hdl SWB-05 Max PEB m 64 2B		
	A:\sig-log SWB-05 Max PEB Shutdown Test PC		
Log File	**** Monitor Execution ****		
Highlights:	Monitor BIOS interrupt 13h (disk service) tally13 compiled on 07/29/03 at 07:33:17 @(#) Version 1.1 Created 07/29/03 at 07:28:05 Now (08/06/04 at 15:41:30) Going TSR ***** Install PDB Log *****		
	PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er Drives Protected: 0,1		
	Return Code: FAILURE Bell: ON		
	Message: ON		
	Drive Mode Length Size (Mb)		
	0 LBA 12594960 6149 CHS 12578895 6142		
	1 LBA 17783249 8683		
	CHS 16434495 8024		
	7		
	CMD: A:\TEST-HDL.EXE SWB-05 Max PEB m 64 2B Case: SWB-05		
	Command set: Misc		
	Date: Fri Aug 06 15:42:00 2004		
	2000 111 100 00 10 12 00 2001		
	<pre>Version: @(#) test-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51 @(#) wb-defs.h Version 1.2 Created 08/31/03 at 08:18:19 Compiled on Aug 31 2003 at 08:10:54 Operator: PEB</pre>		
	Host: Max		
	Number of drives 2, Drives: 64 2B		
	Case Cmd Drv Action Stat Cry Count Cmd Name 0 SWB-05 <16> 80 Allowed 0000 Off 1 Undefined		
	misc commands 17-FD results omitted		
	see log files for full results		
	226 SWB-05 <fe> 80 Allowed 0000 Off 1 Undefined 227 SWB-05 <ff> 80 Allowed 0000 Off 1 Undefined Results for SWB-05 category m on drive 80 Not all commands blocked (3 of 228)</ff></fe>		
	0 SWB-05 <16> 81 Allowed 0000 Off 1 Undefined		
	misc commands 17-FD results omitted		
	see log files for full results		
	226 SWB-05 <fe> 81 Allowed 0000 Off 1 Undefined 227 SWB-05 <ff> 81 Allowed 0000 Off 1 Undefined</ff></fe>		

Case SWB-05 PDBlo	ck Version 2	.10	
	Results for SWB-05 category m on drive 81 Not all commands blocked (3 of 228) Summary: 456 sent, 6 blocked, 450 not blocked ***** Signal Log ***** SIGNAL: y		
Results:	Assertion	Expected Results	Actual Results
	AM-03	All cmds to drive 80	Not all cmds to drive 80
		blocked	blocked
	AM-03	All cmds to drive 81	Not all cmds to drive 81
		blocked	blocked
	AM-07	Tool active message	Tool active message
	AM-08	2 drives identified	2 drives identified
	AM-09	Drive 80 is protected	Drive 80 is protected
	AM-09	Drive 81 is protected	Drive 81 is protected
	AM-11	6 Commands return fail	6 Commands return fail
	AO-10	Signal observed	Signal observed
Analysis:	SWB-05 Expe	cted results not achieved for	assertions: AM-03

Case SWB-06 PDBlc	ock Version 2.10		
Case summary:	SWB-06 Install one drive, configure return code to success, protect all		
_	drives, execute miscellaneous commands.		
Assertions	SWB-AM-03. If a drive is protected and a command from the miscellaneous		
Tested:	category is issued for the protected drive then the tool shall		
	block the command.		
	SWB-AM-07. If the tool is executed then the tool shall issue a message		
	indicating that the tool is active.		
	SWB-AM-08. If the tool is executed then the tool shall issue a message		
	indicating all drives accessible by the covered interfaces.		
	SWB-AM-09. If the tool is executed then the tool shall issue a message		
	indicating the protection status of each drive attached to a		
	covered interface.		
	SWB-AM-10. If the tool is configured to return success on blocked		
	commands and the tool blocks a command then the return code shall		
	indicate successful command execution.		
	SWB-AO-10. If the tool blocks a command then the tool shall issue		
	either an audio or a visual signal.		
Tester Name:	PEB		
Test Date:	Fri Aug 06 16:01:01 2004		
Test PC:	McMillan		
Test Software:	SWBT 1.0		
Hard Drives	Drive 80, label 6F is a Maxtor 6Y060L0 with 120103200 sectors		
Used:			
Commands	Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222]		
executed:	A:\tally13		
	A:\pdblock 0		
	A:\test-hdl SWB-06 McMillan PEB m 6F		
	A:\sig-log SWB-06 McMillan PEB		
	Shutdown Test PC		
Log File	**** Monitor Execution ****		
Highlights:	Monitor BIOS interrupt 13h (disk service)		
	tally13 compiled on 07/29/03 at 07:33:17 @(#) Version 1.1 Created 07/29/03 at 07:28:05		
	Now (08/06/04 at 16:00:32) Going TSR		
	***** Install PDB Log *****		
	PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er		
	Drives Protected: 0		
	Return Code: SUCCESS		
	Bell: ON		
	Message: ON		
	Drive Mode Length Size (Mb)		
	0 LBA 120103200 58644		
	CHS 16434495 8024		
	***** Test Harness Log *****		
	CMD: A:\TEST-HDL.EXE SWB-06 McMillan PEB m 6F		
	Case: SWB-06		
	Case. SWB-00		

Case SWB-06 PDBlock Version 2.10				
	Date: Fri Aug 06 16:01:01 2004			
	Version: @(#) test-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51 @(#) wb-defs.h Version 1.2 Created 08/31/03 at 08:18:19 Compiled on Aug 31 2003 at 08:10:54 Operator: PEB Host: McMillan Number of drives 1, Drives: 6F Case Cmd Drv Action Stat Cry Count Cmd Name 0 SWB-06 <16> 80 Allowed 0000 Off 1 Undefined			
	•••			
	mi	sc commands 17-FD results omi	itted	
	see log files for full results			
	226 SWB-06 <fe> 80 Allowed 0000 Off 1 Undefined 227 SWB-06 <ff> 80 Allowed 0000 Off 1 Undefined Results for SWB-06 category m on drive 80 Not all commands blocked (3 of 228) Summary: 228 sent, 3 blocked, 225 not blocked</ff></fe>			
	***** Signal Log *****			
Results:	SIGNAL: y	Brown stad Describe	Aghard Begulte	
RESUILS.	Assertion AM-03	Expected Results All cmds to drive 80	Actual Results Not all cmds to drive 80	
	AIM-03	blocked	blocked	
	AM-07	Tool active message	Tool active message	
	AM-08	1 drives identified	1 drives identified	
	AM-09	Drive 80 is protected	Drive 80 is protected	
	AM-10	3 Commands return success	2 Commands return success	
	AO-10	Signal observed	Signal observed	
Analysis:	SWB-06 Expe	SWB-06 Expected results not achieved for assertions: AM-03 AM-10		

Case SWB-07 PDBlo	ock Version 2.10		
Case summary:	SWB-07 Install all drives, configure return code to failure, protect		
	all drives, execute read commands.		
Assertions Tested:	SWB-AM-04. If a drive is protected and a command from the read category is issued for the protected drive then the tool shall not block the command. SWB-AM-07. If the tool is executed then the tool shall issue a message		
	indicating that the tool is active.		
	SWB-AM-08. If the tool is executed then the tool shall issue a message indicating all drives accessible by the covered interfaces. SWB-AM-09. If the tool is executed then the tool shall issue a message		
	indicating the protection status of each drive attached to a covered interface.		
	SWB-AM-11. If the tool is configured to return fail on blocked commands and the tool blocks a command then the return code shall indicate unsuccessful command execution.		
	SWB-AO-10. If the tool blocks a command then the tool shall issue		
	either an audio or a visual signal.		
Tester Name:	PEB		
Test Date:	Mon Aug 16 15:03:34 2004		
Test PC:	Max		
Test Software:	SWBT 1.0		
Hard Drives	Drive 80, label 6F is a Maxtor 6Y060L0 with 120103200 sectors		
Used:	Drive 81, label F5 is an IBM-DTLA-307020 with 40188960 sectors		
	Drive 82, label E3 is a QUANTUM ATLAS10K2-TY092J with 17938985 sectors		
	Drive 83, label E4 is a QUANTUM ATLAS10K2-TY092J with 17938985 sectors		
Commands	Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222]		
executed:	A:\tally13		
	A:\pdblock 0123 /fail		
	A:\test-hdl SWB-07 Max PEB r 6F F5 E3 E4		
	A:\sig-log SWB-07 Max PEB		

Case SWB-07 PDB1	oak Wergier 2	10	
Case SWB-0/ PDBI	Shutdown Te		
Log File		or Execution ****	
Highlights:			
nightights.	Monitor BIOS interrupt 13h (disk service) tally13 compiled on 07/29/03 at 07:33:17		
	@(#) Version 1.1 Created 07/29/03 at 07:33:17		
	Now (08/16/04 at 15:03:13) Going TSR		
	***** Install PDB Log *****		
	PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er		
	Drives Protected: ALL		
	Return Code: FAILURE		
	Bell:	ON	
	Message:	ON	
	Drive Mod		
	:	A 120103200 58644	
		S 16434495 8024	
	!	A 40188960 19623	
		S 16434495 8024	
		A 17938985 8759	
	!	:	
	!	!	
		A 17938985 8759	
		S 16434495 8024	
		Harness Log *****	DE D2 D4
		T-HDL.EXE SWB-07 Max PEB r 6F	F5 E3 E4
	Case: SWB-0		
	Command set		
	Date: Mon A	ug 16 15:03:34 2004	
	· ·	#) test-hdl.cpp Version 1.1 C	
	@(#) wb-defs.h Version 1.2 Created 08/31/03 at 08:18:19		
	Comp	piled on Aug 31 2003 at 08:10:	54
	Operator: PEB		
	Host: Max		
	Number of drives 4, Drives: 6F F5 E3 E4		
	Case Cmd Drv Action Stat Cry Count Cmd Name		
	0 SWB-07 <02> 80 Allowed 0000 Off 1 ReadSectors		
	1 SWB-07 <0A> 80 Allowed 0000 Off 1 ReadLong		
	2 SWB-07 <42> 80 Allowed 0000 Off 1 ExtRead		
	Results for SWB-07 category r on drive 80 No commands blocked (0 of 3)		
	0 SWB-07 <02> 81 Allowed 0000 Off 1 ReadSectors		
	1 SWB-07 <0A> 81 Allowed 0000 Off 1 ReadLong		
	2 SWB-07 <42> 81 Allowed 0000 Off 1 ExtRead		
	Results for SWB-07 category r on drive 81 No commands blocked (0 of 3)		
	0 SWB-07 <02> 82 Allowed 0000 Off 1 ReadSectors		
	1 SWB-07 <0A> 82 Allowed 0000 Off 1 ReadLong		
	2 SWB-07 <42> 82 Allowed 0000 Off 1 ExtRead		
			2 No commands blocked (0 of 3)
			l ReadSectors
	0 SWB-07 <02> 83 Allowed 0000 Off 1 ReadSectors 1 SWB-07 <0A> 83 Allowed 0000 Off 1 ReadLong		
	2 SWB-07 <42> 83 Allowed 0000 Off 1 ExtRead		
	Results for SWB-07 category r on drive 83 No commands blocked (0 of 3)		
	Results for SWB-U/ category r on drive 83 No commands blocked (0 of 3) Summary: 12 sent, 0 blocked, 12 not blocked		
	Summary. 12 Sent, O Dioched, 12 Not Dioched		
	**** Signa	1 Log ****	
	SIGNAL: n	T 108	
Damiltar		Emperied Demile	Actual Parulta
Results:	Assertion	•	Actual Results
	AM-04	No cmds to drive 80 blocked	No cmds to drive 80 blocked
	AM-04	No cmds to drive 81 blocked	No cmds to drive 81 blocked
	AM-04	No cmds to drive 82 blocked	No cmds to drive 82 blocked
	AM-04	No cmds to drive 83 blocked	No cmds to drive 83 blocked
	AM-07	Tool active message	Tool active message
		4 drives identified	4 drives identified
	I AM-08		
	AM-08 AM-09	Drive 80 is protected	Drive 80 is protected
	AM-09	Drive 80 is protected	Drive 80 is protected
	AM-09 AM-09	Drive 81 is protected	Drive 81 is protected
	AM-09 AM-09 AM-09	Drive 81 is protected Drive 82 is protected	Drive 81 is protected Drive 82 is protected
	AM-09 AM-09 AM-09 AM-09	Drive 81 is protected Drive 82 is protected Drive 83 is protected	Drive 81 is protected Drive 82 is protected Drive 83 is protected
	AM-09 AM-09 AM-09	Drive 81 is protected Drive 82 is protected	Drive 81 is protected Drive 82 is protected
	AM-09 AM-09 AM-09 AM-09	Drive 81 is protected Drive 82 is protected Drive 83 is protected	Drive 81 is protected Drive 82 is protected Drive 83 is protected

Case SWB-08 PDBlo	ock Version 2.10		
Case summary:	SWB-08 Install two drives, configure return code to success, protect		
•	all drives, execute read commands.		
Assertions	SWB-AM-04. If a drive is protected and a command from the read category		
Tested:	is issued for the protected drive then the tool shall not block the		
rested.	command.		
	SWB-AM-07. If the tool is executed then the tool shall issue a message		
	indicating that the tool is active.		
	SWB-AM-08. If the tool is executed then the tool shall issue a message		
	indicating all drives accessible by the covered interfaces.		
	SWB-AM-09. If the tool is executed then the tool shall issue a message		
	indicating the protection status of each drive attached to a		
	covered interface.		
	SWB-AM-10. If the tool is configured to return success on blocked		
	commands and the tool blocks a command then the return code shall		
	indicate successful command execution.		
	SWB-AO-10. If the tool blocks a command then the tool shall issue		
	either an audio or a visual signal.		
Tester Name:	PEB		
Test Date:	Fri Aug 06 15:51:51 2004		
Test PC:	Max		
Test Software:	SWBT 1.0		
Hard Drives	Drive 80, label 64 is a WDC WD64AA with 12594960 sectors		
Used:	Drive 81, label 2B is a Quantum QM39100TD-SCA Drive with 17783249		
	sectors		
Commands	Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222]		
executed:	A:\tally13		
encouceu-	A:\pdblock 01		
	A:\test-hdl SWB-08 Max PEB r 64 2B		
	A:\sig-log SWB-08 Max PEB 1 04 2B		
	Shutdown Test PC		
T			
Log File	***** Monitor Execution ****		
Highlights:	Monitor BIOS interrupt 13h (disk service)		
	tally13 compiled on 07/29/03 at 07:33:17		
	@(#) Version 1.1 Created 07/29/03 at 07:28:05		
	Now (08/06/04 at 15:51:21) Going TSR		
	***** Install PDB Log *****		
	PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er		
	Drives Protected: 0,1		
	Return Code: SUCCESS		
	Bell: ON		
	Message: ON		
	Drive Mode Length Size (Mb)		
	0 LBA 12594960 6149		
	CHS 12578895 6142		
	1 LBA 17783249 8683		
	CHS 16434495 8024		
	***** Test Harness Log *****		
	CMD: A:\TEST-HDL.EXE SWB-08 Max PEB r 64 2B		
	Case: SWB-08		
	Command set: Read		
	Date: Fri Aug 06 15:51:51 2004		
	Version: @(#) test-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51		
	@(#) wb-defs.h Version 1.2 Created 08/31/03 at 08:18:19		
	Compiled on Aug 31 2003 at 08:10:54		
	Operator: PEB		
	Host: Max		
	Number of drives 2, Drives: 64 2B		
	Case Cmd Drv Action Stat Cry Count Cmd Name		
	0 SWB-08 <02> 80 Allowed 0000 Off 1 ReadSectors		
	1 SWB-08 <0A> 80 Allowed 0000 Off 1 ReadLong		
	2 SWB-08 <42> 80 Allowed 0000 Off 1 ExtRead		
	Results for SWB-08 category r on drive 80 No commands blocked (0 of 3)		
	0 SWB-08 <02> 81 Allowed 0000 Off 1 ReadSectors		
	1 SWB-08 <0A> 81 Allowed 0000 Off 1 ReadLong		
	2 SWB-08 <42> 81 Allowed 0000 Off 1 ExtRead		
	_		

	**** Signa	l Log ****	
Results:	SIGNAL: n Assertion	Expected Results	Actual Results
	AM-04	No cmds to drive 80 blocked	No cmds to drive 80 blocked
	AM-04	No cmds to drive 81 blocked	No cmds to drive 81 blocked
	AM-07	Tool active message	Tool active message
	AM-08	2 drives identified	2 drives identified
	AM-09	Drive 80 is protected	Drive 80 is protected
	AM-09	Drive 81 is protected	Drive 81 is protected
	AM-10	0 Commands return success	0 Commands return success
	AO-10	No signal observed	No signal observed
Analysis:	SWB-08 Expected results achieved		

Case SWB-09 PDBl	ock Version 2.10		
Case summary:	SWB-09 Install one drive, configure return code to failure, protect all		
	drives, execute information commands.		
Assertions	SWB-AM-06. If a drive is protected and a command from the information		
Tested:	category is issued for the protected drive then the tool shall not		
	block the command.		
	SWB-AM-07. If the tool is executed then the tool shall issue a message		
	indicating that the tool is active.		
	SWB-AM-08. If the tool is executed then the tool shall issue a message		
	indicating all drives accessible by the covered interfaces.		
	SWB-AM-09. If the tool is executed then the tool shall issue a message		
	indicating the protection status of each drive attached to a		
	covered interface.		
	SWB-AM-11. If the tool is configured to return fail on blocked commands		
	and the tool blocks a command then the return code shall indicate		
	unsuccessful command execution.		
	SWB-AO-10. If the tool blocks a command then the tool shall issue		
	either an audio or a visual signal.		
Tester Name:	PEB		
Test Date:	Fri Aug 06 16:26:36 2004		
Test PC:	McMillan		
	SWBT 1.0		
Test Software:			
Hard Drives	Drive 80, label 6F is a Maxtor 6Y060L0 with 120103200 sectors		
Used:			
Commands	Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222]		
executed:	A:\tally13		
	A:\pdblock 0 /fail		
	A:\test-hdl SWB-09 McMillan PEB i 6F		
	A:\sig-log SWB-09 McMillan PEB		
	Shutdown Test PC		
Log File	***** Monitor Execution *****		
Highlights:	Monitor BIOS interrupt 13h (disk service)		
	tally13 compiled on 07/29/03 at 07:33:17		
	@(#) Version 1.1 Created 07/29/03 at 07:28:05		
	Now (08/06/04 at 16:26:07) Going TSR		
	***** Install PDB Log *****		
	PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er		
	Drives Protected: 0		
	Return Code: FAILURE		
	Bell: ON		
	Message: ON		
	Drive Mode Length Size (Mb)		
	0 LBA 120103200 58644		
	CHS 16434495 8024		
	***** Test Harness Log *****		
	CMD: A:\TEST-HDL.EXE SWB-09 McMillan PEB i 6F		
	Case: SWB-09		
	Command set: Information		
	Date: Fri Aug 06 16:26:36 2004		
	Version: @(#) test-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51		
	@(#) wb-defs.h Version 1.2 Created 08/31/03 at 08:18:19		
	Compiled on Aug 31 2003 at 08:10:54		

Case SWB-09 PDBlo	DBlock Version 2.10		
	Operator: PEB		
	Host: McMillan		
	Number of drives 1, Drives: 6F		
		Cmd Drv Action Stat Cry Count	Cmd Name
			l GetLastStatus
	1 SWB-09		l VerifySectors
			L ReadDriveParms
			l TestDriveReady
			l ReadDriveType
			L CheckForExtensions
		<44> 80 Allowed 0000 Off 1	
	7 SWB-09 <48> 80 Allowed 0000 Off 1 GetDriveParms		
	Results for SWB-09 category i on drive 80 No commands blocked (0 of 8)		
	Summary: 8 sent, 0 blocked, 8 not blocked		
	***** Signa	l Log *****	
	SIGNAL: n		
Results:	Assertion	Expected Results	Actual Results
	AM-06	No cmds to drive 80 blocked	No cmds to drive 80 blocked
	AM-07	Tool active message	Tool active message
	AM-08	1 drives identified	1 drives identified
	AM-09	Drive 80 is protected	Drive 80 is protected
	AM-11	0 Commands return fail	0 Commands return fail
	AO-10	No signal observed	No signal observed
Analysis:	SWB-09 Expe	cted results achieved	

Case SWB-10 PDBlc	ock Version 2.10		
Case summary:	SWB-10 Install all drives, configure return code to success, protect		
	all drives, execute information commands.		
Assertions	SWB-AM-06. If a drive is protected and a command from the information		
Tested:	category is issued for the protected drive then the tool shall not		
	block the command.		
	SWB-AM-07. If the tool is executed then the tool shall issue a message		
	indicating that the tool is active.		
	SWB-AM-08. If the tool is executed then the tool shall issue a message		
	indicating all drives accessible by the covered interfaces.		
	SWB-AM-09. If the tool is executed then the tool shall issue a message		
	indicating the protection status of each drive attached to a		
	covered interface.		
	SWB-AM-10. If the tool is configured to return success on blocked		
	commands and the tool blocks a command then the return code shall		
	indicate successful command execution.		
	SWB-AO-10. If the tool blocks a command then the tool shall issue		
	either an audio or a visual signal.		
Tester Name:	PEB		
Test Date:	Mon Aug 16 15:08:06 2004		
Test PC:	Max		
Test Software:	SWBT 1.0		
Hard Drives	Drive 80, label 6F is a Maxtor 6Y060LO with 120103200 sectors		
Used:	Drive 81, label F5 is an IBM-DTLA-307020 with 40188960 sectors		
	Drive 82, label E3 is a QUANTUM ATLAS10K2-TY092J with 17938985 sectors		
	Drive 83, label E4 is a QUANTUM ATLAS10K2-TY092J with 17938985 sectors		
Commands	Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222]		
executed:	A:\tally13		
	A:\pdblock 0123		
	A:\test-hdl SWB-10 Max PEB i 6F F5 E3 E4		
	A:\sig-log SWB-10 Max PEB Shutdown Test PC		
Log File	**** Monitor Execution ****		
•			
Highlights:	Monitor BIOS interrupt 13h (disk service) tally13 compiled on 07/29/03 at 07:33:17		
	@(#) Version 1.1 Created 07/29/03 at 07:38:05		
	Now (08/16/04 at 15:07:44) Going TSR		
	NOW (00/10/04 at 15.0/.44) GOING 15R ***** Install PDB Log *****		
	PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er		
	Drives Protected: ALL		
	Return Code: SUCCESS		
	Retain code. Doceso		

```
Case SWB-10 PDBlock Version 2.10
                  Bell:
                                    ON
                  Message:
                                    ON
                  Drive | Mode |
                                    Length Size (Mb)
                          LBA
                                  120103200
                          CHS
                                  16434495
                                                 8024
                                   40188960
                                                 19623
                          LBA
                                  16434495
                          CHS
                                                 8024
                          LBA
                                  17938985
                                                  8759
                          CHS
                                  16434495
                                                  8024
                          LBA
                                  17938985
                                                  8759
                          CHS
                                  16434495
                                                  8024
                  ***** Test Harness Log *****
                  CMD: A:\TEST-HDL.EXE SWB-10 Max PEB i 6F F5 E3 E4
                  Case: SWB-10
                  Command set: Information
                  Date: Mon Aug 16 15:08:06 2004
                  Version: @(#) test-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51
                         @(#) wb-defs.h Version 1.2 Created 08/31/03 at 08:18:19
                         Compiled on Aug 31 2003 at 08:10:54
                  Operator: PEB
                  Host: Max
                  Number of drives 4, Drives: 6F F5 E3 E4
                       Case Cmd Drv Action Stat Cry Count Cmd Name
                    0 SWB-10 <01> 80 Allowed 0000 Off 1 GetLastStatus
                    1 SWB-10 <04> 80 Allowed 0000 Off
                                                         1 VerifySectors
                    2 SWB-10 <08> 80 Allowed 0000 Off
                                                             ReadDriveParms
                    3 SWB-10 <10> 80 Allowed 0000 Off
                                                         1 TestDriveReady
                    4 SWB-10 <15> 80 Allowed 0000 Off
                                                        1 ReadDriveType
                    5 SWB-10 <41> 80 Allowed 0000 Off
                                                         1 CheckForExtensions
                    6 SWB-10 <44> 80 Allowed 0000 Off
                                                         1
                                                            VerifySectors
                    7 SWB-10 <48> 80 Allowed 0000 Off
                                                          1 GetDriveParms
                  Results for SWB-10 category i on drive 80 No commands blocked (0 of 8)
                    0 SWB-10 <01> 81 Allowed 0000 Off
                                                         1
                                                            GetLastStatus
                    1 SWB-10 <04> 81 Allowed 0000 Off
                                                             VerifySectors
                                                          1
                    2 SWB-10 <08> 81 Allowed 0000 Off
                                                             ReadDriveParms
                    3 SWB-10 <10> 81 Allowed 0000 Off
                                                         1
                                                            TestDriveReady
                    4 SWB-10 <15> 81 Allowed 0000 Off
                                                          1
                                                             ReadDriveType
                    5 SWB-10 <41> 81 Allowed 0000 Off
                                                         1 CheckForExtensions
                    6 SWB-10 <44> 81 Allowed 0000 Off
                                                         1 VerifySectors
                    7 SWB-10 <48> 81 Allowed 0000 Off
                                                          1 GetDriveParms
                  Results for SWB-10 category i on drive 81 No commands blocked (0 of 8)
                    0 SWB-10 <01> 82 Allowed 0000 Off
                                                       1 GetLastStatus
                    1 SWB-10 <04> 82 Allowed 0000 Off
                                                         1 VerifySectors
                    2 SWB-10 <08> 82 Allowed 0000 Off
                                                            ReadDriveParms
                    3 SWB-10 <10> 82 Allowed 0000 Off
                                                         1 TestDriveReady
                    4 SWB-10 <15> 82 Allowed 0000 Off
                                                         1 ReadDriveType
                    5 SWB-10 <41> 82 Allowed 0000 Off
                                                          1
                                                             CheckForExtensions
                    6 SWB-10 <44> 82 Allowed 0000 Off
                                                          1
                                                             VerifySectors
                    7 SWB-10 <48> 82 Allowed 0000 Off
                                                         1 GetDriveParms
                  Results for SWB-10 category i on drive 82 No commands blocked (0 of 8)
                    0 SWB-10 <01> 83 Allowed 0000 Off
                                                         1 GetLastStatus
                    1 SWB-10 <04> 83 Allowed 0000 Off
                                                         1 VerifySectors
                    2 SWB-10 <08> 83 Allowed 0000 Off
                                                        1 ReadDriveParms
                                                         1 TestDriveReady
1 ReadDriveType
                    3 SWB-10 <10> 83 Allowed 0000 Off
                    4 SWB-10 <15> 83 Allowed 0000 Off
                    5 SWB-10 <41> 83 Allowed 0000 Off
                                                         1 CheckForExtensions
                    6 SWB-10 <44> 83 Allowed 0000 Off
                                                         1 VerifySectors
                    7 SWB-10 <48> 83 Allowed 0000 Off
                                                          1 GetDriveParms
                  Results for SWB-10 category i on drive 83 No commands blocked (0 of 8)
                  Summary: 32 sent, 0 blocked, 32 not blocked
                  ***** Signal Log *****
                  SIGNAL: n
Results:
                  Assertion
                              Expected Results
                                                           Actual Results
                   AM-06
                              No cmds to drive 80 blocked
                                                           No cmds to drive 80 blocked
                              No cmds to drive 81 blocked No cmds to drive 81 blocked
                   AM-06
                   AM-06
                              No cmds to drive 82 blocked No cmds to drive 82 blocked
```

	AM-06	No cmds to drive 83 blocked	No cmds to drive 83 blocked
	AM-07	Tool active message	Tool active message
	AM-08	4 drives identified	4 drives identified
	AM-09	Drive 80 is protected	Drive 80 is protected
	AM-09	Drive 81 is protected	Drive 81 is protected
	AM-09	Drive 82 is protected	Drive 82 is protected
	AM-09	Drive 83 is protected	Drive 83 is protected
	AM-10	0 Commands return success	0 Commands return success
	AO-10	No signal observed	No signal observed
Analysis:	SWB-10 Exp	SWB-10 Expected results achieved	

Case SWB-11 PDBlo	ock Version 2.10
Case summary:	SWB-11 Install two drives, configure return code to failure, protect
	all drives, execute control commands.
Assertions	SWB-AM-05. If a drive is protected and a command from the control
Tested:	category is issued for the protected drive then the tool shall not
	block the command.
	SWB-AM-07. If the tool is executed then the tool shall issue a message
	indicating that the tool is active.
	SWB-AM-08. If the tool is executed then the tool shall issue a message
	indicating all drives accessible by the covered interfaces.
	SWB-AM-09. If the tool is executed then the tool shall issue a message
	indicating the protection status of each drive attached to a
	covered interface.
	SWB-AM-11. If the tool is configured to return fail on blocked commands
	and the tool blocks a command then the return code shall indicate
	unsuccessful command execution.
	SWB-AO-10. If the tool blocks a command then the tool shall issue
	either an audio or a visual signal.
Tester Name:	PEB
Test Date:	Fri Aug 06 16:04:53 2004
Test PC:	Max
Test Software:	SWBT 1.0
Hard Drives	Drive 80, label 64 is a WDC WD64AA with 12594960 sectors
Used:	Drive 81, label 2B is a Quantum QM39100TD-SCA Drive with 17783249
Q 1 -:	sectors
Commands	Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222]
executed:	A:\tally13 A:\pdblock 01 /fail
	A:\test-hdl SWB-11 Max PEB c 64 2B
	A:\sig-log SWB-11 Max PEB C 64 2B
	Shutdown Test PC
Log File	**** Monitor Execution ****
Highlights:	Monitor BIOS interrupt 13h (disk service)
1119111191105	tally13 compiled on 07/29/03 at 07:33:17
	@(#) Version 1.1 Created 07/29/03 at 07:28:05
	Now (08/06/04 at 16:04:23) Going TSR
	***** Install PDB Log *****
	PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er
	Drives Protected: 0,1
	Return Code: FAILURE
	Bell: ON
	Message: ON
	Drive Mode Length Size (Mb)
	0 LBA 12594960 6149
	CHS 12578895 6142
	1 LBA 17783249 8683
	CHS 16434495 8024
	***** Test Harness Log *****
	CMD: A:\TEST-HDL.EXE SWB-11 Max PEB c 64 2B
	Case: SWB-11
	Command set: Control
	Date: Fri Aug 06 16:04:53 2004
	Version: @(#) test-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51
	@(#) wb-defs.h Version 1.2 Created 08/31/03 at 08:18:19
	Compiled on Aug 31 2003 at 08:10:54
	Operator: PEB

Case SWB-11 PDBlo	lock Version 2.10			
	Host: Max			
	Number of d	rives 2, Drives: 64 2B		
	Case	Cmd Drv Action Stat Cry Count	Cmd Name	
	0 SWB-11	<00> 80 Allowed 0000 Off	L Reset	
	1 SWB-11	<oc> 80 Allowed 0000 Off</oc>	l SeekDrive	
		<0D> 80 Allowed 0000 Off		
	3 SWB-11	<11> 80 Allowed 0000 Off (47> 80 Allowed 0000 Off (17)	l Recalibrate	
			No commands blocked (0 of 5)	
			L Reset	
		<oc> 81 Allowed 0000 Off</oc>		
		<0D> 81 Allowed 0000 Off 1		
		<11> 81 Allowed 0000 Off 1		
			L ExtendedSeek	
	Results for SWB-11 category c on drive 81 No commands blocked (0 of 5)			
	Summary: 10 sent, 0 blocked, 10 not blocked			
	***** Signal Log *****			
	SIGNAL: n			
Results:	Assertion		Actual Results	
	AM-05	No cmds to drive 80 blocked	No cmds to drive 80 blocked	
	AM-05	No cmds to drive 81 blocked	No cmds to drive 81 blocked	
	AM-07	Tool active message	Tool active message	
	AM-08	2 drives identified	2 drives identified	
	AM-09	Drive 80 is protected	Drive 80 is protected	
	AM-09	Drive 81 is protected	Drive 81 is protected	
	AM-11	0 Commands return fail	0 Commands return fail	
	AO-10	No signal observed	No signal observed	
Analysis:	SWB-11 Expe	cted results achieved		

Case SWB-12 PDBlo	ock Version 2.10		
Case summary:	SWB-12 Install one drive, configure return code to success, protect all		
	drives, execute control commands.		
Assertions	SWB-AM-05. If a drive is protected and a command from the control		
Tested:	category is issued for the protected drive then the tool shall not block the command.		
	SWB-AM-07. If the tool is executed then the tool shall issue a message indicating that the tool is active.		
	SWB-AM-08. If the tool is executed then the tool shall issue a message		
	indicating all drives accessible by the covered interfaces.		
	SWB-AM-09. If the tool is executed then the tool shall issue a message indicating the protection status of each drive attached to a		
	covered interface.		
	SWB-AM-10. If the tool is configured to return success on blocked commands and the tool blocks a command then the return code shall		
	indicate successful command execution.		
	SWB-AO-10. If the tool blocks a command then the tool shall issue		
	either an audio or a visual signal.		
Tester Name:	PEB		
Test Date:	Fri Aug 06 16:11:39 2004		
Test PC:	McMillan		
Test Software:	SWBT 1.0		
Hard Drives Used:	Drive 80, label 6F is a Maxtor 6Y060L0 with 120103200 sectors		
Commands	Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222]		
executed:	A:\tally13		
	A:\pdblock 0		
	A:\test-hdl SWB-12 McMillan PEB c 6F		
	A:\sig-log SWB-12 McMillan PEB		
	Shutdown Test PC		
Log File	**** Monitor Execution ****		
Highlights:	Monitor BIOS interrupt 13h (disk service)		
	tally13 compiled on 07/29/03 at 07:33:17		
	@(#) Version 1.1 Created 07/29/03 at 07:28:05		
	Now (08/06/04 at 16:11:09) Going TSR		
	***** Install PDB Log ***** DDDlogk Yorgion 2 10: (D)bygigal (D)igk Write (DIOGK)ex		
	PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er		

Case SWB-12 PDBlo	ase SWB-12 PDBlock Version 2.10		
	Drives Protected: 0		
	Return Code: SUCCESS		
	Bell:	ON	
	Message: ON		
		e Length Size (Mb)	
	0 LB2	A 120103200 58644	
		S 16434495 8024	
		Harness Log *****	
	,	T-HDL.EXE SWB-12 McMillan PEB	c 6F
	Case: SWB-1		
	Command set		
	Date: Fri A	ug 06 16:11:39 2004	
	@(#)	#) test-hdl.cpp Version 1.1 Cr wb-defs.h Version 1.2 Create siled on Aug 31 2003 at 08:10:	d 08/31/03 at 08:18:19
	Operator: Pl		J1
	Host: McMillan		
	Number of drives 1, Drives: 6F		
	Case Cmd Drv Action Stat Cry Count Cmd Name 0 SWB-12 <00> 80 Allowed 0000 Off 1 Reset 1 SWB-12 <0C> 80 Allowed 0000 Off 1 SeekDrive 2 SWB-12 <0D> 80 Allowed 0000 Off 1 AltReset 3 SWB-12 <11> 80 Allowed 0000 Off 1 Recalibrate 4 SWB-12 <47> 80 Allowed 0000 Off 1 ExtendedSeek Results for SWB-12 category c on drive 80 No commands blocked (0 of 5) Summary: 5 sent, 0 blocked, 5 not blocked		
_	SIGNAL: n		
Results:	Assertion	•	Actual Results
	AM-05	No cmds to drive 80 blocked	No cmds to drive 80 blocked
	AM-07	Tool active message	Tool active message
	AM-08	1 drives identified	1 drives identified
	AM-09	Drive 80 is protected	Drive 80 is protected
	AM-10	0 Commands return success	0 Commands return success
	AO-10	No signal observed	No signal observed
Analysis:	SWB-12 Expected results achieved		

Case SWB-13 PDBlc	ock Version 2.10		
Case summary:	SWB-13 Install all drives, configure return code to failure, protect with pattern odd, execute write commands.		
Assertions	SWB-AM-07. If the tool is executed then the tool shall issue a message		
Tested:	indicating that the tool is active.		
	SWB-AM-08. If the tool is executed then the tool shall issue a message indicating all drives accessible by the covered interfaces. SWB-AM-09. If the tool is executed then the tool shall issue a message		
	indicating the protection status of each drive attached to a covered interface.		
	SWB-AM-11. If the tool is configured to return fail on blocked commands and the tool blocks a command then the return code shall indicate unsuccessful command execution.		
	SWB-AO-01. If a subset of all covered drives is specified for protection, then commands from the write category shall be blocked for drives in the selected subset.		
	SWB-AO-07. If a subset of all covered drives is specified for protection, then no commands from any category shall be blocked for drives not in the selected subset. SWB-AO-10. If the tool blocks a command then the tool shall issue either an audio or a visual signal.		
Tester Name:	PEB		
Test Date:	Mon Aug 16 15:11:42 2004		
Test PC:	Max		
Test Software:	SWBT 1.0		
Hard Drives	Drive 80, label 6F is a Maxtor 6Y060L0 with 120103200 sectors		
Used:	Drive 81, label F5 is an IBM-DTLA-307020 with 40188960 sectors Drive 82, label E3 is a QUANTUM ATLAS10K2-TY092J with 17938985 sectors		

Case SWB-13 PDBlock Version 2.10				
		abel E4 is a QUANTUM ATLAS10K2-	TY092J with 17938985 sectors	
Commands	Boot Test P	C to (DOS 7.1) Windows 98 [Vers		
executed:	A:\tally13	12 (6-11		
	A:\pdblock	I3 /fall SWB-13 Max PEB w 6F F5 E3 E4		
	,	SWB-13 Max PEB w of F5 E5 E4		
	Shutdown Te			
Log File		or Execution ****		
Highlights:	Monitor BIO	S interrupt 13h (disk service)		
	tally13 compiled on 07/29/03 at 07:33:17			
		n 1.1 Created 07/29/03 at 07:28		
		04 at 15:11:21) Going TS ll PDB Log *****	SR .	
		sion 2.10: (P)hysical (D)isk Wi	rite (BLOCK)er	
	Drives Prot		, ,	
	Return Code	: FAILURE		
	Bell:	ON		
	Message:	ON Gine (Mb)		
		e Length Size (Mb) A 120103200 58644		
	!	S 16434495 8024		
	1 LB	A 40188960 19623		
	СН	S 16434495 8024		
	2 LB.	A 17938985 8759		
	!	A 17938985 8759 S 16434495 8024		
		S 10434495 0024 Harness Log *****		
		T-HDL.EXE SWB-13 Max PEB w 6F B	5 E3 E4	
	Case: SWB-1	3		
	Command set			
	Date: Mon Aug 16 15:11:42 2004 Version: @(#) test-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51 @(#) wb-defs.h Version 1.2 Created 08/31/03 at 08:18:19 Compiled on Aug 31 2003 at 08:10:54 Operator: PEB Host: Max Number of drives 4, Drives: 6F F5 E3 E4 Case Cmd Drv Action Stat Cry Count Cmd Name 0 SWB-13 <03> 80 Allowed 0000 Off 1 WriteSectors 1 SWB-13 <08> 80 Allowed 0000 Off 1 WriteLong 2 SWB-13 <43> 80 Allowed 0000 Off 1 ExtWrite			
	2 SWB-13	<43> 80 Allowed 0000 Off 1	ExtWrite	
		SWB-13 category w on drive 80		
		<03> 81 Blocked 0300 On 0		
	1 SWB-13	<0B> 81 Blocked 0300 On 0 0 0 0 0 0 0 0 0 0	WriteLong FytWrite	
	Results for	SWB-13 category w on drive 81	All commands blocked (3 of 3)	
	0 SWB-13	WriteSectors		
			WriteLong	
	2 SWB-13 <43> 82 Allowed 0000 Off 1 ExtWrite			
Results for SWB-13 category w on drive 82 No commands				
			WriteSectors	
	1 SWB-13 <0B> 83 Blocked 0300 On			
		2 SWB-13 <43> 83 Blocked 0300 On 0 ExtWrite Results for SWB-13 category w on drive 83 All commands blocked (3 of 3)		
		sent, 6 blocked, 6 not blocked		
]	, , , , , ,		
	***** Signa	l Log ****		
	SIGNAL: y			
Damilta			3 -t 1 D 1 t	
Results:	Assertion	_	Actual Results	
Results:	Assertion AM-07	Tool active message	Tool active message	
Results:	Assertion AM-07 AM-08	Tool active message 4 drives identified	Tool active message 4 drives identified	
Results:	Assertion AM-07 AM-08 AM-09	Tool active message 4 drives identified Drive 80 is unprotected	Tool active message 4 drives identified Drive 80 is unprotected	
Results:	Assertion AM-07 AM-08	Tool active message 4 drives identified Drive 80 is unprotected Drive 81 is protected	Tool active message 4 drives identified Drive 80 is unprotected Drive 81 is protected	
Results:	Assertion AM-07 AM-08 AM-09 AM-09	Tool active message 4 drives identified Drive 80 is unprotected	Tool active message 4 drives identified Drive 80 is unprotected	

Case SWB-13 PDBlock Version 2.10			
	AO-01	All cmds to drive 81 blocked	All cmds to drive 81 blocked
	AO-01	All cmds to drive 83 blocked	All cmds to drive 83 blocked
	AO-07	No cmds to drive 80 blocked	No cmds to drive 80 blocked
	AO-07	No cmds to drive 82 blocked	No cmds to drive 82 blocked
	AO-10	Signal observed	Signal observed
Analysis:	SWB-13 Expected results achieved		

Case SWB-14 PDBlo	ock Version 2.10		
Case summary:	SWB-14 Install all drives, configure return code to success, protect		
7	with pattern low, execute write commands.		
Assertions	SWB-AM-07. If the tool is executed then the tool shall issue a message		
Tested:	indicating that the tool is active.		
1 CD CCG ·	SWB-AM-08. If the tool is executed then the tool shall issue a message		
	indicating all drives accessible by the covered interfaces.		
	SWB-AM-09. If the tool is executed then the tool shall issue a message		
	indicating the protection status of each drive attached to a		
	covered interface.		
	SWB-AM-10. If the tool is configured to return success on blocked		
	commands and the tool blocks a command then the return code shall		
	indicate successful command execution.		
	SWB-AO-01. If a subset of all covered drives is specified for		
	protection, then commands from the write category shall be blocked		
	for drives in the selected subset.		
	SWB-AO-07. If a subset of all covered drives is specified for		
	protection, then no commands from any category shall be blocked for		
	drives not in the selected subset.		
	SWB-AO-10. If the tool blocks a command then the tool shall issue		
	either an audio or a visual signal.		
Tester Name:	PEB		
Test Date:	Mon Aug 16 15:15:45 2004		
Test PC:	Max		
Test Software:	SWBT 1.0		
Hard Drives	Drive 80, label 6F is a Maxtor 6Y060L0 with 120103200 sectors		
Used:	Drive 81, label F5 is an IBM-DTLA-307020 with 40188960 sectors		
	Drive 82, label E3 is a QUANTUM ATLAS10K2-TY092J with 17938985 sectors		
	Drive 83, label E4 is a QUANTUM ATLAS10K2-TY092J with 17938985 sectors		
Commands	Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222]		
executed:	A:\tally13		
	A:\pdblock 01		
	A:\test-hdl SWB-14 Max PEB w 6F F5 E3 E4		
	A:\sig-log SWB-14 Max PEB		
	Shutdown Test PC		
Log File	**** Monitor Execution ****		
Highlights:	Monitor BIOS interrupt 13h (disk service)		
	tally13 compiled on 07/29/03 at 07:33:17		
	@(#) Version 1.1 Created 07/29/03 at 07:28:05		
	Now (08/16/04 at 15:15:24) Going TSR		
	***** Install PDB Log *****		
	PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er		
	Drives Protected: 0,1		
	Return Code: SUCCESS		
	Bell: ON		
	Message: ON		
	Drive Mode Length Size (Mb)		
	0 LBA 120103200 58644		
	CHS 16434495 8024		
	1 LBA 40188960 19623		
	CHS 16434495 8024		
	2 LBA 17938985 8759		
	CHS 16434495 8024		
	3 LBA 17938985 8759		
	CHS 16434495 8024		
	***** Test Harness Log *****		
	CMD: A:\TEST-HDL.EXE SWB-14 Max PEB w 6F F5 E3 E4		
	Case: SWB-14 Case: SWB-14		
	Command set: Write Date: Mon Aug 16 15:15:45 2004		
	Pate. Mon Aug 10 13:13:43 2004		

Case SWB-15 PDBlc	ock Version 2.10		
Case summary:	SWB-15 Install all drives, configure return code to failure, protect		
	with pattern first, execute configuration commands.		
Assertions	SWB-AM-07. If the tool is executed then the tool shall issue a message		
Tested:	indicating that the tool is active.		
	SWB-AM-08. If the tool is executed then the tool shall issue a message		
	indicating all drives accessible by the covered interfaces.		
	SWB-AM-09. If the tool is executed then the tool shall issue a message		
	indicating the protection status of each drive attached to a		
	covered interface.		
	SWB-AM-11. If the tool is configured to return fail on blocked commands		
	and the tool blocks a command then the return code shall indicate		
	unsuccessful command execution.		
SWB-AO-02. If a subset of all covered drives is specified for protection, then commands from the configuration category subsected subset.			
	protection, then no commands from any category shall be blocked for		
	drives not in the selected subset.		
	SWB-AO-10. If the tool blocks a command then the tool shall issue		
	either an audio or a visual signal.		
Tester Name:	PEB		
Test Date:	Tue Aug 17 09:53:56 2004		
Test PC:	McMillan		
Test Software:	SWBT 1.0		

Case SWB-15 PDBlock	k Version 2.10
Used:	Drive 80, label 6F is a Maxtor 6Y06OLO with 120103200 sectors Drive 81, label F5 is an IBM-DTLA-307020 with 40188960 sectors Drive 82, label F6 is an IBM-DTLA-307020 with 40188960 sectors Drive 83, label E3 is a QUANTUM ATLAS10K2-TY092J with 17938985 sectors Drive 84, label E4 is a QUANTUM ATLAS10K2-TY092J with 17938985 sectors
executed:	Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222] A:\tally13 A:\pdblock 0 /fail A:\test-hdl SWB-15 McMillan PEB x 6F F5 F6 E3 E4 A:\sig-log SWB-15 McMillan PEB Shutdown Test PC
Highlights:	***** Monitor Execution ***** Monitor BIOS interrupt 13h (disk service) tally13 compiled on 07/29/03 at 07:33:17 @(#) Version 1.1 Created 07/29/03 at 07:28:05 Now (08/17/04 at 09:53:34) Going TSR ****** Install PDB Log ***** PDBlock Version 2.10: (P) hysical (D) isk Write (BLOCK)er Drives Protected: 0 Return Code: FAILURE Bell:

Case SWB-15 PDBlo	ck Version 2	.10					
	4 SWB-15		Allowed	0000	Off	1	DiagnosticESDI
	5 SWB-15	<0F> 82	Allowed	0000	Off	1	DiagnosticESDI
	6 SWB-15	<12> 82	Allowed	0000	Off	1	DiagnosticRAM
	7 SWB-15	<13> 82	Allowed	0000	Off	1	DiagnosticDrive
	8 SWB-15	<14> 82	Allowed	0000	Off	1	DiagnosticCTL
	Results for	SWB-15	category	x on	drive	82	No commands blocked (0 of 9)
	0 SWB-15	<05> 83	Allowed	0000	Off	1	FormatTrack
	1 SWB-15	<06> 83	Allowed	0000	Off	1	FormatBadSectors
	2 SWB-15	<07> 83	Allowed	0000	Off	1	FormatCyl
	3 SWB-15	<09> 83	Allowed	0000	Off	1	InitDriveParms
	4 SWB-15	<0E> 83	Allowed	0000	Off	1	DiagnosticESDI
	5 SWB-15	<0F> 83	Allowed	0000	Off	1	DiagnosticESDI
	6 SWB-15	<12> 83	Allowed	0000	Off	1	DiagnosticRAM
	7 SWB-15	<13> 83	Allowed	0000	Off	1	DiagnosticDrive
	8 SWB-15	<14> 83	Allowed	0000	Off	1	DiagnosticCTL
	Results for	SWB-15	category	x on	drive	83	No commands blocked (0 of 9)
	0 SWB-15	<05> 84	Blocked	0300	On	0	FormatTrack
	1 SWB-15	<06> 84	Blocked	0300	On	0	FormatBadSectors
	2 SWB-15	<07> 84	Blocked	0300	On	0	FormatCyl
	3 SWB-15	<09> 84	Blocked	0300	On	0	InitDriveParms
	4 SWB-15	<0E> 84	Blocked	0300	On	0	DiagnosticESDI
	5 SWB-15	<0F> 84	Blocked	0300	On	0	DiagnosticESDI
	6 SWB-15	<12> 84	Blocked	0300	On	0	DiagnosticRAM
	7 SWB-15	<13> 84	Blocked	0300	On	0	DiagnosticDrive
	8 SWB-15	<14> 84	Blocked	0300	On	0	DiagnosticCTL
							All commands blocked (9 of 9)
	Summary: 45	sent,	18 blocke	ed, 27	not b	Lock	red
	***** Signa	l Log *	***				
	SIGNAL: y						
Results:	Assertion		ed Resul	ts			
	V M = ()./						Actual Results
	AM-07		ctive me	ssage			Tool active message
	AM-08	5 driv	es ident	ssage ified			Tool active message 5 drives identified
	AM-08 AM-09	5 driv	res ident 80 is pr	ssage ified otecte			Tool active message 5 drives identified Drive 80 is protected
	AM-08 AM-09 AM-09	5 driv	es ident	ssage ified otecte			Tool active message 5 drives identified
	AM-08 AM-09	5 drive Drive Drive	es ident 80 is pr 81 is un 82 is un	ssage ified otecte protec protec	cted cted		Tool active message 5 drives identified Drive 80 is protected Drive 81 is unprotected Drive 82 is unprotected
	AM-08 AM-09 AM-09	5 drive Drive Drive	res ident 80 is pr 81 is un	ssage ified otecte protec protec	cted cted		Tool active message 5 drives identified Drive 80 is protected Drive 81 is unprotected
	AM-08 AM-09 AM-09 AM-09	5 drive Drive Drive Drive	es ident 80 is pr 81 is un 82 is un	ssage ified otecte protec protec protec	cted cted cted		Tool active message 5 drives identified Drive 80 is protected Drive 81 is unprotected Drive 82 is unprotected
	AM-08 AM-09 AM-09 AM-09 AM-09	5 driv Drive Drive Drive Drive	res ident 80 is pr 81 is un 82 is un 83 is un	ssage ified otecto proteo proteo proteo proteo	cted cted cted cted		Tool active message 5 drives identified Drive 80 is protected Drive 81 is unprotected Drive 82 is unprotected Drive 83 is unprotected
	AM-08 AM-09 AM-09 AM-09 AM-09 AM-09	5 driv Drive Drive Drive Drive Drive 18 Com	es ident 80 is pr 81 is un 82 is un 83 is un 84 is un	ssage ified otecte protec protec protec protec protec turn	cted cted cted cted fail	ed	Tool active message 5 drives identified Drive 80 is protected Drive 81 is unprotected Drive 82 is unprotected Drive 83 is unprotected Drive 84 is unprotected
	AM-08 AM-09 AM-09 AM-09 AM-09 AM-09 AM-11	5 drive Drive Drive Drive Drive Drive Drive All cm	80 is pr 81 is un 82 is un 83 is un 84 is un	ssage ified otecte protec protec protec protec turn ive 80	cted cted cted cted fail 0 block		Tool active message 5 drives identified Drive 80 is protected Drive 81 is unprotected Drive 82 is unprotected Drive 83 is unprotected Drive 84 is unprotected 18 Commands return fail
	AM-08 AM-09 AM-09 AM-09 AM-09 AM-09 AM-11 AO-02	5 drive Drive Drive Drive Drive Drive All cm No cmd	80 is pr 81 is un 82 is un 83 is un 84 is un mands re	ssage ified otecte protec protec protec protec turn i ive 80 ve 81	cted cted cted cted fail 0 block blocke	d	Tool active message 5 drives identified Drive 80 is protected Drive 81 is unprotected Drive 82 is unprotected Drive 83 is unprotected Drive 84 is unprotected 18 Commands return fail All cmds to drive 80 blocked
	AM-08 AM-09 AM-09 AM-09 AM-09 AM-09 AM-11 AO-02 AO-07	5 drive Drive Drive Drive Drive Drive 18 Com All cm No cmd	es ident 80 is pr 81 is un 82 is un 83 is un 84 is un mands re ds to dri	ssage ified otecte protec protec protec protec turn ive 80 ve 81 ve 82	cted cted cted cted fail 0 block blocke	d d	Tool active message 5 drives identified Drive 80 is protected Drive 81 is unprotected Drive 82 is unprotected Drive 83 is unprotected Drive 84 is unprotected 18 Commands return fail All cmds to drive 80 blocked No cmds to drive 81 blocked
	AM-08 AM-09 AM-09 AM-09 AM-09 AM-09 AM-11 AO-02 AO-07 AO-07	5 drive Drive Drive Drive Drive Drive 18 Com All cm No cmd No cmd	es ident 80 is pr 81 is un 82 is un 83 is un 84 is un mands re ds to dr s to dri s to dri	ssage ified otecto protec protec protec turn ive 81 ve 82 ve 83	cted cted cted cted fail 0 blocke blocke blocke	d d d	Tool active message 5 drives identified Drive 80 is protected Drive 81 is unprotected Drive 82 is unprotected Drive 83 is unprotected Drive 84 is unprotected 18 Commands return fail All cmds to drive 80 blocked No cmds to drive 81 blocked No cmds to drive 82 blocked
	AM-08 AM-09 AM-09 AM-09 AM-09 AM-09 AM-11 AO-02 AO-07 AO-07	5 drive Drive Drive Drive Drive 18 Com All cm No cmd No cmd No cmd	es ident 80 is pr 81 is un 82 is un 83 is un 84 is un mands re ds to dri s to dri s to dri s to dri	ssage ified otecte protec protec protec protec turn ive 80 ve 81 ve 82 ve 83 ve 84	cted cted cted cted fail 0 blocke blocke blocke	d d d	Tool active message 5 drives identified Drive 80 is protected Drive 81 is unprotected Drive 82 is unprotected Drive 83 is unprotected Drive 84 is unprotected 18 Commands return fail All cmds to drive 80 blocked No cmds to drive 81 blocked No cmds to drive 82 blocked No cmds to drive 83 blocked

Case SWB-16 PDBlo	ock Version 2.10					
Case summary:	SWB-16 Install all drives, configure return code to success, protect					
	with pattern mid, execute configuration commands.					
Assertions	SWB-AM-07. If the tool is executed then the tool shall issue a message					
Tested:	indicating that the tool is active.					
	SWB-AM-08. If the tool is executed then the tool shall issue a message					
	indicating all drives accessible by the covered interfaces.					
	SWB-AM-09. If the tool is executed then the tool shall issue a message					
	indicating the protection status of each drive attached to a					
	covered interface.					
	SWB-AM-10. If the tool is configured to return success on blocked					
	commands and the tool blocks a command then the return code shall					
	indicate successful command execution.					
	SWB-AO-02. If a subset of all covered drives is specified for					
	protection, then commands from the configuration category shall be					
	blocked for drives in the selected subset.					
	SWB-A0-07. If a subset of all covered drives is specified for					
	protection, then no commands from any category shall be blocked for					
	drives not in the selected subset.					
	SWB-AO-10. If the tool blocks a command then the tool shall issue					

	either an audio or a visual signal.					
Tester Name:	PEB					
Test Date:	Tue Aug 17 09:58:50 2004					
Test PC:	McMillan					
Test Software:	SWBT 1.0					
Hard Drives	Drive 80, label 6F is a Maxtor 6Y060L0 with 120103200 sectors					
Used:	Drive 81, label F5 is an IBM-DTLA-307020 with 40188960 sectors					
	Drive 82, label F6 is an IBM-DTLA-307020 with 40188960 sectors					
	Drive 83, label E3 is a QUANTUM ATLAS10K2-TY092J with 17938985 sectors					
	Drive 84, label E4 is a QUANTUM ATLAS10K2-TY092J with 17938985 sectors					
Commands	Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222]					
executed:	A:\tally13 A:\pdblock 2					
	A:\test-hdl SWB-16 McMillan PEB x 6F F5 F6 E3 E4 A:\sig-log SWB-16 McMillan PEB					
	Shutdown Test PC					
Log File	***** Monitor Execution *****					
Highlights:	Monitor BIOS interrupt 13h (disk service)					
iiigiiiigiics.	tally13 compiled on 07/29/03 at 07:33:17					
	@(#) Version 1.1 Created 07/29/03 at 07:28:05					
	Now (08/17/04 at 09:58:27) Going TSR					
	***** Install PDB Log *****					
	PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er					
	Drives Protected: 2					
	Return Code: SUCCESS					
	Bell: ON					
	Message: ON					
	Drive Mode Length Size (Mb)					
	0 LBA 120103200 58644					
	CHS 16434495 8024					
	1 LBA 40188960 19623					
	CHS 16434495 8024					
	2 LBA 40188960 19623 CHS 16434495 8024					
	3 LBA 17938985 8759					
	CHS 16434495 8024					
	4 LBA 17938985 8759					
	CHS 16434495 8024					
	***** Test Harness Log *****					
	CMD: A:\TEST-HDL.EXE SWB-16 McMillan PEB x 6F F5 F6 E3 E4					
	Case: SWB-16					
	Command set: Configure					
	Date: Tue Aug 17 09:58:50 2004					
	Version: @(#) test-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51					
	@(#) wb-defs.h Version 1.2 Created 08/31/03 at 08:18:19					
	Compiled on Aug 31 2003 at 08:10:54					
	Operator: PEB					
	Host: McMillan					
	Number of drives 5, Drives: 6F F5 F6 E3 E4					
	Case Cmd Drv Action Stat Cry Count Cmd Name 0 SWB-16 <05> 80 Allowed 0000 Off 1 FormatTrack					
	1 SWB-16 <06> 80 Allowed 0000 Off 1 FormatBadSectors 2 SWB-16 <07> 80 Allowed 0000 Off 1 FormatCyl					
	3 SWB-16 <09> 80 Allowed 0000 Off 1 InitDriveParms					
	4 SWB-16 <0E> 80 Allowed 0000 Off 1 DiagnosticESDI					
	5 SWB-16 <0F> 80 Allowed 0000 Off 1 DiagnosticESDI					
	6 SWB-16 <12> 80 Allowed 0000 Off 1 DiagnosticRAM					
	7 SWB-16 <13> 80 Allowed 0000 Off 1 DiagnosticDrive					
	8 SWB-16 <14> 80 Allowed 0000 Off 1 DiagnosticCTL					
	Results for SWB-16 category x on drive 80 No commands blocked (0 of 9)					
	0 SWB-16 <05> 81 Allowed 0000 Off 1 FormatTrack					
	1 SWB-16 <06> 81 Allowed 0000 Off 1 FormatBadSectors					
	2 SWB-16 <07> 81 Allowed 0000 Off 1 FormatCyl					
	3 SWB-16 <09> 81 Allowed 0000 Off 1 InitDriveParms					
	4 SWB-16 <0E> 81 Allowed 0000 Off 1 DiagnosticESDI					
	5 SWB-16 <0F> 81 Allowed 0000 Off 1 DiagnosticESDI					
	6 SWB-16 <12> 81 Allowed 0000 Off 1 DiagnosticRAM					
	7 SWB-16 <13> 81 Allowed 0000 Off 1 DiagnosticDrive					

Case SWB-16 PDBlo	ock Version 2	.10	
		<14> 81 Allowed 0000 Off 1	DiagnosticCTL
	Results for	SWB-16 category x on drive 81	No commands blocked (0 of 9)
		<05> 82 Blocked 0000 Off 0	FormatTrack
	1 SWB-16	<06> 82 Blocked 0000 Off 0	FormatBadSectors
	2 SWB-16	<07> 82 Blocked 0000 Off 0	FormatCyl
	3 SWB-16	<09> 82 Blocked 0000 Off 0	InitDriveParms
	4 SWB-16	<0E> 82 Blocked 0000 Off 0	DiagnosticESDI
	5 SWB-16	<0F> 82 Blocked 0000 Off 0	DiagnosticESDI
		<12> 82 Blocked 0000 Off 0	DiagnosticRAM
		<13> 82 Blocked 0000 Off 0	
		<14> 82 Blocked 0000 Off 0	
		SWB-16 category x on drive 82	
		<05> 83 Allowed 0000 Off 1	
		<06> 83 Allowed 0000 Off 1	
			FormatCyl
		<09> 83 Allowed 0000 Off 1	
			DiagnosticESDI
			DiagnosticESDI
			DiagnosticRAM
			DiagnosticDrive
		<14> 83 Allowed 0000 Off 1	
		SWB-16 category x on drive 83 <05> 84 Blocked 0000 Off 0	FormatTrack
			FormatBadSectors FormatCyl
			InitDriveParms
			DiagnosticESDI
			DiagnosticESDI
			DiagnosticRAM
			DiagnosticDrive
			DiagnosticCTL
		SWB-16 category x on drive 84	_
		sent, 18 blocked, 27 not block	
	_	,	
	**** Signa	l Log ****	
	SIGNAL: y		
Results:	Assertion	Expected Results	Actual Results
	AM-07	Tool active message	Tool active message
	AM-08	5 drives identified	5 drives identified
	AM-09	Drive 80 is unprotected	Drive 80 is unprotected
	AM-09	Drive 81 is unprotected	Drive 81 is unprotected
	AM-09	Drive 82 is protected	Drive 82 is protected
	AM-09	Drive 83 is unprotected	Drive 83 is unprotected
	AM-09	Drive 84 is unprotected	Drive 84 is unprotected
	AM-10	18 Commands return success	18 Commands return success
	AO-02	All cmds to drive 82 blocked	All cmds to drive 82 blocked
	AO-07	No cmds to drive 80 blocked	No cmds to drive 80 blocked
	AO-07	No cmds to drive 81 blocked	No cmds to drive 81 blocked
		No cmds to drive 83 blocked	No cmds to drive 83 blocked
	AO-07	I NO CIIGS LO GLIVE 63 DIOCKEG	
	AO-07 AO-07		All cmds to drive 84 blocked
		No cmds to drive 84 blocked	All cmds to drive 84 blocked
Analysis:	AO-07 AO-10		All cmds to drive 84 blocked Signal observed

Case SWB-17 PDBlc	ock Version 2.10
Case summary:	SWB-17 Install all drives, configure return code to failure, protect
	with pattern random_p, execute miscellaneous commands.
Assertions	SWB-AM-07. If the tool is executed then the tool shall issue a message
Tested:	indicating that the tool is active.
	SWB-AM-08. If the tool is executed then the tool shall issue a message
	indicating all drives accessible by the covered interfaces.
	SWB-AM-09. If the tool is executed then the tool shall issue a message
	indicating the protection status of each drive attached to a
	covered interface.
	SWB-AM-11. If the tool is configured to return fail on blocked commands
	and the tool blocks a command then the return code shall indicate
	unsuccessful command execution.
	SWB-AO-03. If a subset of all covered drives is specified for

Coco CWD 17 DDD1	ogle Vangion 2 10
Case SWB-17 PDBlo	protection, then commands from the miscellaneous category shall be
	blocked for drives in the selected subset.
	SWB-AO-07. If a subset of all covered drives is specified for
	=
	protection, then no commands from any category shall be blocked for
	drives not in the selected subset.
	SWB-AO-10. If the tool blocks a command then the tool shall issue
	either an audio or a visual signal.
Tester Name:	PEB
Test Date:	Tue Aug 17 09:03:30 2004
Test PC:	McMillan
Test Software:	SWBT 1.0
Hard Drives	Drive 80, label 6F is a Maxtor 6Y060L0 with 120103200 sectors
Used:	Drive 81, label F5 is an IBM-DTLA-307020 with 40188960 sectors
0200	Drive 82, label F6 is an IBM-DTLA-307020 with 40188960 sectors
	Drive 83, label E3 is a QUANTUM ATLAS10K2-TY092J with 17938985 sectors
	Drive 84, label E4 is a QUANTUM ATLAS10K2-TY092J with 17938985 sectors
G	
Commands	Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222]
executed:	A:\tally13
	A:\pdblock 1 /fail
	A:\test-hdl SWB-17 McMillan PEB m 6F F5 F6 E3 E4
	A:\sig-log SWB-17 McMillan PEB
	Shutdown Test PC
Log File	**** Monitor Execution ****
Highlights:	Monitor BIOS interrupt 13h (disk service)
=	tally13 compiled on 07/29/03 at 07:33:17
	@(#) Version 1.1 Created 07/29/03 at 07:28:05
	Now (08/17/04 at 09:03:08) Going TSR
	***** Install PDB Log *****
	PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er
	Drives Protected: 1
	Return Code: FAILURE
	Bell: ON
	Message: ON
	Drive Mode Length Size (Mb)
	0 LBA 120103200 58644
	CHS 16434495 8024
	1 LBA 40188960 19623
	CHS 16434495 8024
	2 LBA 40188960 19623
	CHS 16434495 8024
	3 LBA 17938985 8759
	CHS 16434495 8024
	4 LBA 17938985 8759
	CHS 16434495 8024
	***** Test Harness Log *****
	CMD: A:\TEST-HDL.EXE SWB-17 McMillan PEB m 6F F5 F6 E3 E4
	Case: SWB-17
	Command set: Misc
	Date: Tue Aug 17 09:03:30 2004
	Date: Tue Aug 1/ 07:03:30 2004
	Version: @(#) test-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51
	@(#) wb-defs.h Version 1.2 Created 08/31/03 at 08:18:19
	Compiled on Aug 31 2003 at 08:10:54
	Operator: PEB
	Host: McMillan
	Number of drives 5, Drives: 6F F5 F6 E3 E4
	Case Cmd Drv Action Stat Cry Count Cmd Name
	0 SWB-17 <16> 80 Allowed 0000 Off 1 Undefined
	misc commands 17-FD results omitted
	see log files for full results
	226 SWB-17 <fe> 80 Allowed 0000 Off 1 Undefined</fe>
	227 SWB-17 <ff> 80 Allowed 0000 Off 1 Undefined Results for SWB-17 category m on drive 80 Not all commands blocked (1</ff>

```
Case SWB-17 PDBlock Version 2.10
                  of 228)
                    0 SWB-17 <16> 81 Allowed 0000 Off
                                                          1 Undefined
                           misc commands 17-FD results omitted
                           see log files for full results
                  226 SWB-17 <FE> 81 Allowed 0000 Off 1 Undefined 227 SWB-17 <FF> 81 Allowed 0000 Off 1 Undefined
                  Results for SWB-17 category m on drive 81 Not all commands blocked (3
                  of 228)
                    0 SWB-17 <16> 82 Allowed 0000 Off
                                                         1 Undefined
                           misc commands 17-FD results omitted
                           see log files for full results
                  226 SWB-17 <FE> 82 Allowed 0000 Off
                                                          1 Undefined
                  227 SWB-17 <FF> 82 Allowed 0000 Off
                                                         1 Undefined
                  Results for SWB-17 category m on drive 82 Not all commands blocked (1
                  of 228)
                    0 SWB-17 <16> 83 Allowed 0000 Off
                                                         1 Undefined
                           misc commands 17-FD results omitted
                           see log files for full results
                  226 SWB-17 <FE> 83 Allowed 0000 Off
                                                         1 Undefined
                  227 SWB-17 <FF> 83 Allowed 0000 Off
                                                          1 Undefined
                  Results for SWB-17 category m on drive 83 Not all commands blocked (1
                  of 228)
                    0 SWB-17 <16> 84 Allowed 0000 Off
                                                        1 Undefined
                           misc commands 17-FD results omitted
                           see log files for full results
                                                        1 Undefined
                  226 SWB-17 <FE> 84 Allowed 0000 Off
                  227 SWB-17 <FF> 84 Allowed 0000 Off
                                                          1 Undefined
                  Results for SWB-17 category m on drive 84 Not all commands blocked (3
                  of 228)
                  Summary: 1140 sent, 9 blocked, 1131 not blocked
                  ***** Signal Log *****
                  SIGNAL: y
Results:
                   Assertion
                              Expected Results
                                                            Actual Results
                   AM-07
                               Tool active message
                                                            Tool active message
                               5 drives identified
                                                            5 drives identified
                   80-MA
                   AM-09
                               Drive 80 is unprotected
                                                            Drive 80 is unprotected
                   AM-09
                              Drive 81 is protected
                                                            Drive 81 is protected
                                                           Drive 82 is unprotected
                              Drive 82 is unprotected
                   AM-09
                   AM-09
                               Drive 83 is unprotected
                                                            Drive 83 is unprotected
                                                            Drive 84 is unprotected
                   AM-09
                              Drive 84 is unprotected
                   AM-11
                               9 Commands return fail
                                                            9 Commands return fail
                   AO-03
                               All cmds to drive 81
                                                            Not all cmds to drive 81
                               blocked
                                                            blocked
```

Case SWB-17 PDBlock Version 2.10				
	AO-07	No cmds to drive 80	Not all cmds to drive 80	
		blocked	blocked	
	AO-07	No cmds to drive 82	Not all cmds to drive 82	
		blocked	blocked	
	AO-07	No cmds to drive 83	Not all cmds to drive 83	
		blocked	blocked	
	AO-07	No cmds to drive 84	Not all cmds to drive 84	
		blocked	blocked	
	AO-10	Signal observed	Signal observed	
Analysis:	SWB-17 Expe	cted results not achieved for	assertions: AO-03 AO-07	

	k Version 2.10					
Case summary:	SWB-18 Install all drives, configure return code to success, protect					
	with pattern not_last, execute miscellaneous commands.					
Assertions	SWB-AM-07. If the tool is executed then the tool shall issue a message	2				
Tested:	indicating that the tool is active.					
	SWB-AM-08. If the tool is executed then the tool shall issue a message	a				
	indicating all drives accessible by the covered interfaces.					
	SWB-AM-09. If the tool is executed then the tool shall issue a message	_				
	indicating the protection status of each drive attached to a	_				
	covered interface.					
	SWB-AM-10. If the tool is configured to return success on blocked					
	commands and the tool blocks a command then the return code shall					
	indicate successful command execution.					
	SWB-AO-03. If a subset of all covered drives is specified for					
	-	_				
	protection, then commands from the miscellaneous category shall be	e				
	blocked for drives in the selected subset.					
	SWB-AO-07. If a subset of all covered drives is specified for					
	protection, then no commands from any category shall be blocked for	or				
	drives not in the selected subset.					
	SWB-AO-10. If the tool blocks a command then the tool shall issue					
Mark and Mark	either an audio or a visual signal.					
Tester Name:	PEB					
Test Date: Test PC:	Tue Aug 17 10:10:42 2004 McMillan					
Test Software:	SWBT 1.0					
Hard Drives	Drive 80, label 6F is a Maxtor 6Y060L0 with 120103200 sectors					
Used:	Drive 81, label F5 is an IBM-DTLA-307020 with 40188960 sectors					
useu:						
	Drive 82, label F6 is an IBM-DTLA-307020 with 40188960 sectors Drive 83, label E3 is a QUANTUM ATLAS10K2-TY092J with 17938985 sector					
	Drive 84, label E4 is a QUANTUM ATLAS10K2-TY092J with 17938985 sectors					
Commands	Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222]					
executed:	A:\tally13					
circoacca	A:\pdblock 0123					
	A:\test-hdl SWB-18 McMillan PEB m 6F F5 F6 E3 E4					
	A:\sig-log SWB-18 McMillan PEB					
	Shutdown Test PC					
Log File	**** Monitor Execution ****					
Highlights:	Monitor BIOS interrupt 13h (disk service)					
3 3	tally13 compiled on 07/29/03 at 07:33:17					
	@(#) Version 1.1 Created 07/29/03 at 07:28:05					
	Now (08/17/04 at 10:10:20) Going TSR					
	***** Install PDB Log *****					
	PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er					
	Drives Protected: ALL					
	Return Code: SUCCESS					
	Bell: ON					
	Message: ON					
	Drive Mode Length Size (Mb)					
	0 LBA 120103200 58644					
	CHS 16434495 8024					
	1 LBA 40188960 19623					
	CHS 16434495 8024					
	2 LBA 40188960 19623					
	CHS 16434495 8024					
	3 LBA 17938985 8759					
	CHS					

```
Case SWB-18 PDBlock Version 2.10
                         | CHS | 16434495
                                                   8024
                  ***** Test Harness Log *****
                  CMD: A:\TEST-HDL.EXE SWB-18 McMillan PEB m 6F F5 F6 E3 E4
                  Case: SWB-18
                  Command set: Misc
                  Date: Tue Aug 17 10:10:42 2004
                  Version: @(#) test-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51
                          @(#) wb-defs.h Version 1.2 Created 08/31/03 at 08:18:19
                          Compiled on Aug 31 2003 at 08:10:54
                  Operator: PEB
                  Host: McMillan
                  Number of drives 5, Drives: 6F F5 F6 E3 E4
                       Case Cmd Drv Action Stat Cry Count Cmd Name
                    0 SWB-18 <16> 80 Allowed 0000 Off
                                                          1 Undefined
                           misc commands 17-FD results omitted
                            see log files for full results
                  226 SWB-18 <FE> 80 Allowed 0000 Off 1 Undefined 227 SWB-18 <FF> 80 Allowed 0000 Off 1 Undefined
                  226 SWB-18 <FE> 80 Allowed 0000 Off
                                                            1 Undefined
                  Results for SWB-18 category m on drive 80 Not all commands blocked (3
                  of 228)
                    0 SWB-18 <16> 81 Allowed 0000 Off
                                                          1 Undefined
                           misc commands 17-FD results omitted
                            see log files for full results
                                                          1 Undefined
                  226 SWB-18 <FE> 81 Allowed 0000 Off
                  227 SWB-18 <FF> 81 Allowed 0000 Off
                                                            1 Undefined
                  Results for SWB-18 category m on drive 81 Not all commands blocked (3
                  of 228)
                    0 SWB-18 <16> 82 Allowed 0000 Off
                                                          1 Undefined
                           misc commands 17-FD results omitted
                            see log files for full results
                                                         1 Undefined
                  226 SWB-18 <FE> 82 Allowed 0000 Off
                  227 SWB-18 <FF> 82 Allowed 0000 Off
                                                           1 Undefined
                  Results for SWB-18 category m on drive 82 Not all commands blocked (3
                  of 228)
                    0 SWB-18 <16> 83 Allowed 0000 Off
                                                          1 Undefined
                            misc commands 17-FD results omitted
                            see log files for full results
                  226 SWB-18 <FE> 83 Allowed 0000 Off 1 Undefined 227 SWB-18 <FF> 83 Allowed 0000 Off 1 Undefined
                  Results for SWB-18 category m on drive 83 Not all commands blocked (3
                  of 228)
                    0 SWB-18 <16> 84 Allowed 0000 Off
                                                           1 Undefined
                           misc commands 17-FD results omitted
```

Case SWB-18 PDBlo	ock Version 2	.10				
	see log files for full results					
	• •					
	226 SWB-18 <fe> 84 Allowed 0000 Off 1 Undefined</fe>					
		<ff> 84 Allowed 0000 Off</ff>				
			34 Not all commands blocked (3			
	of 228)		, , , , , , , , , , , , , , , , , , , ,			
	Summary: 11	40 sent, 15 blocked, 1125 not	blocked			
	***** Signa SIGNAL: y	I Log ****				
Results:	Assertion	Expected Results	Actual Results			
	AM-07	Tool active message	Tool active message			
	AM-08	5 drives identified	5 drives identified			
	AM-09	Drive 80 is protected	Drive 80 is protected			
	AM-09	Drive 81 is protected	Drive 81 is protected			
	AM-09	Drive 82 is protected	Drive 82 is protected			
	AM-09	Drive 83 is protected	Drive 83 is protected			
	AM-09	Drive 84 is unprotected	Drive 84 is unprotected			
	AM-10	15 Commands return success	10 Commands return success			
	AO-03	All cmds to drive 80	Not all cmds to drive 80			
		blocked	blocked			
	AO-03	All cmds to drive 81	Not all cmds to drive 81			
	70.02	blocked	blocked			
	AO-03	All cmds to drive 82 blocked	Not all cmds to drive 82 blocked			
	AO-03	All cmds to drive 83	Not all cmds to drive 83			
	AU-03	blocked	blocked			
	AO-07	No cmds to drive 84	Not all cmds to drive 84			
		blocked	blocked			
	AO-10	Signal observed	Signal observed			
Analysis:	SWB-18 Expe	cted results not achieved for	assertions: AM-10 AO-03 AO-07			

Case SWB-19 PDBlo	ock Version 2.10
Case summary:	SWB-19 Install all drives, configure return code to failure, protect
	with pattern last, execute read commands.
Assertions	SWB-AM-07. If the tool is executed then the tool shall issue a message
Tested:	indicating that the tool is active.
	SWB-AM-08. If the tool is executed then the tool shall issue a message
	indicating all drives accessible by the covered interfaces.
	SWB-AM-09. If the tool is executed then the tool shall issue a message
	indicating the protection status of each drive attached to a covered interface.
	SWB-AM-11. If the tool is configured to return fail on blocked commands and the tool blocks a command then the return code shall indicate unsuccessful command execution.
	SWB-A0-04. If a subset of all covered drives is specified for
	protection, then commands from the read category shall not be
	blocked for drives in the selected subset.
	SWB-AO-07. If a subset of all covered drives is specified for
	protection, then no commands from any category shall be blocked for drives not in the selected subset.
	SWB-AO-10. If the tool blocks a command then the tool shall issue
	either an audio or a visual signal.
Tester Name:	PEB
Test Date:	Fri Sep 24 14:28:00 2004
Test PC:	Joe
Test Software:	SWBT 1.0
Hard Drives	Drive 80, label F5 is an IBM-DTLA-307020 with 40188960 sectors
Used:	Drive 81, label F6 is an IBM-DTLA-307020 with 40188960 sectors
	Drive 82, label E3 is a QUANTUM ATLAS10K2-TY092J with 17938985 sectors
	Drive 83, label E4 is a QUANTUM ATLAS10K2-TY092J with 17938985 sectors
Commands	Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222]
executed:	A:\tally13
	A:\pdblock 3 /fail

Case SWB-19 PDBlock Version 2.10 A:\test-hdl SWB-19 Joe PEB r F5 F6 E3 E4	
A:\sig-log SWB-19 Joe PEB	
Shutdown Test PC	
Log File ***** Monitor Execution *****	
Highlights: Monitor BIOS interrupt 13h (disk service)	
tally13 compiled on 07/29/03 at 07:33:17	
@(#) Version 1.1 Created 07/29/03 at 07:28:05	
Now (09/24/04 at 14:27:34) Going TSR	
***** Install PDB Log ***** PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er	
Drives Protected: 3	
Return Code: FAILURE	
Bell: ON	
Message: ON	
Drive Mode Length Size (Mb)	
0 LBA 40188960 19623 CHS 16434495 8024	
1 LBA 40188960 19623	
CHS 16434495 8024	
2 LBA 17938985 8759	
CHS 16434495 8024	
3 LBA 17938985 8759	
CHS 16434495 8024	
***** Test Harness Log ***** CMD: A:\TEST-HDL.EXE SWB-19 Joe PEB r F5 F6 E3 E4	
Case: SWB-19	
Command set: Read	
Date: Fri Sep 24 14:28:00 2004	
Version: @(#) test-hdl.cpp Version 1.1 Created 08/23/03 a	
@(#) wb-defs.h Version 1.2 Created 08/31/03 at 08	:18:19
Compiled on Aug 31 2003 at 08:10:54 Operator: PEB	
Host: Joe	
Number of drives 4, Drives: F5 F6 E3 E4	
Case Cmd Drv Action Stat Cry Count Cmd Name	
0 SWB-19 <02> 80 Allowed 0000 Off 1 ReadSectors	
1 SWB-19 <0A> 80 Allowed 0000 Off 1 ReadLong	
2 SWB-19 <42> 80 Allowed 0000 Off 1 ExtRead	-1
Results for SWB-19 category r on drive 80 No commands blo 0 SWB-19 <02> 81 Allowed 0000 Off 1 ReadSectors	ockea (U OI 3)
1 SWB-19 <02> 81 Allowed 0000 Off 1 ReadSectors	
2 SWB-19 <42> 81 Allowed 0000 Off 1 ExtRead	
Results for SWB-19 category r on drive 81 No commands blo	ocked (0 of 3)
0 SWB-19 <02> 82 Allowed 0000 Off 1 ReadSectors	
1 SWB-19 <0A> 82 Allowed 0000 Off 1 ReadLong	
2 SWB-19 <42> 82 Allowed 0000 Off 1 ExtRead	1 1 /2
Results for SWB-19 category r on drive 82 No commands blo	ocked (0 of 3)
0 SWB-19 <02> 83 Allowed 0000 Off 1 ReadSectors 1 SWB-19 <0A> 83 Allowed 0000 Off 1 ReadLong	
2 SWB-19 <42> 83 Allowed 0000 Off 1 ExtRead	
Results for SWB-19 category r on drive 83 No commands blo	cked (0 of 3)
Summary: 12 sent, 0 blocked, 12 not blocked	
***** 02 7 ******	
***** Signal Log *****	
Results: Assertion Expected Results Actual Results	1
ASSECTION Expected Results Actual Results AM-07 Tool active message Tool active mes	sage
AM-08 4 drives identified 4 drives identi	
AM-09 Drive 80 is unprotected Drive 80 is unp	
AM-09 Drive 81 is unprotected Drive 81 is unp	
AM-09 Drive 81 is unprotected Drive 81 is unp AM-09 Drive 82 is unprotected Drive 82 is unp	
	tected
AM-09 Drive 82 is unprotected Drive 82 is unp	
AM-09 Drive 82 is unprotected Drive 82 is unp AM-09 Drive 83 is protected Drive 83 is pro	rn fail
AM-09 Drive 82 is unprotected Drive 82 is unp AM-09 Drive 83 is protected Drive 83 is pro AM-11 0 Commands return fail 0 Commands retu	rn fail e 83 blocked
AM-09 Drive 82 is unprotected Drive 82 is unp AM-09 Drive 83 is protected Drive 83 is pro AM-11 0 Commands return fail 0 Commands retu AO-04 No cmds to drive 83 blocked No cmds to drive	rn fail e 83 blocked e 80 blocked

Case SWB-19 PDBlock Version 2.10				
	AO-10	No signal observed	No signal observed	
Analysis:	SWB-19 Expe	cted results achieved		

Case SWB-20 PDB1	ock Version 2.10	
Case summary:	SWB-20 Install all drives, configure return code to success, protect	
	with pattern not_mid, execute read commands.	
Assertions	SWB-AM-07. If the tool is executed then the tool shall issue a message	
Tested:	indicating that the tool is active.	
	SWB-AM-08. If the tool is executed then the tool shall issue a message	
	indicating all drives accessible by the covered interfaces.	
	SWB-AM-09. If the tool is executed then the tool shall issue a message	
	indicating the protection status of each drive attached to a	
	covered interface.	
	SWB-AM-10. If the tool is configured to return success on blocked commands and the tool blocks a command then the return code shall	
	indicate successful command execution.	
	SWB-AO-04. If a subset of all covered drives is specified for	
	protection, then commands from the read category shall not be	
	blocked for drives in the selected subset.	
	SWB-AO-07. If a subset of all covered drives is specified for	
	protection, then no commands from any category shall be blocked for	
	drives not in the selected subset.	
	SWB-AO-10. If the tool blocks a command then the tool shall issue	
	either an audio or a visual signal.	
Tester Name:	PEB	
Test Date:	Fri Sep 24 14:31:28 2004	
Test PC:	Joe	
Test Software:	SWBT 1.0	
Hard Drives	Drive 80, label F5 is an IBM-DTLA-307020 with 40188960 sectors	
Used:	Drive 81, label F6 is an IBM-DTLA-307020 with 40188960 sectors	
	Drive 82, label E3 is a QUANTUM ATLAS10K2-TY092J with 17938985 sectors	
	Drive 83, label E4 is a QUANTUM ATLAS10K2-TY092J with 17938985 sectors	
Commands	Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222]	
executed:	A:\tally13	
	A:\pdblock 013	
	A:\test-hdl SWB-20 Joe PEB r F5 F6 E3 E4 A:\sig-log SWB-20 Joe PEB	
	Shutdown Test PC	
Log File	***** Monitor Execution ****	
Highlights:	Monitor BIOS interrupt 13h (disk service)	
	tally13 compiled on 07/29/03 at 07:33:17	
	@(#) Version 1.1 Created 07/29/03 at 07:28:05	
	Now (09/24/04 at 14:31:01) Going TSR	
	***** Install PDB Log *****	
	PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er	
	Drives Protected: 0,1,3	
	Return Code: SUCCESS	
	Bell: ON	
	Message: ON	
	Drive Mode Length Size (Mb)	
	0 LBA 40188960 19623	
	CHS 16434495 8024	
	1 LBA 40188960 19623 CHS 16434495 8024	
	CHS 16434495 8024 2 LBA 17938985 8759	
	CHS 16434495 8024	
	3 LBA 17938985 8759	
	CHS 16434495 8024	
	***** Test Harness Log *****	
	CMD: A:\TEST-HDL.EXE SWB-20 Joe PEB r F5 F6 E3 E4	
	Case: SWB-20	
	Command set: Read	
	Date: Fri Sep 24 14:31:28 2004	
	Version: @(#) test-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51	
	@(#) wb-defs.h Version 1.2 Created 08/31/03 at 08:18:19	
	Compiled on Aug 31 2003 at 08:10:54	
	Operator: PEB	
	Host: Joe	

	ock Version 2	.10	
	Number of d	rives 4, Drives: F5 F6 E3 E4	
		Cmd Drv Action Stat Cry Count	
		<02> 80 Allowed 0000 Off	
		<0A> 80 Allowed 0000 Off	
		<42> 80 Allowed 0000 Off	
			No commands blocked (0 of 3)
			ReadSectors
			L ReadLong
			L ExtRead
			No commands blocked (0 of 3)
			l ReadSectors l ReadLong
			L ExtRead
			2 No commands blocked (0 of 3)
			ReadSectors
		<0A> 83 Allowed 0000 Off	
		<42> 83 Allowed 0000 Off	
			No commands blocked (0 of 3)
		sent, 0 blocked, 12 not block	
	**** Signa	l Log ****	
	SIGNAL: n		
Results:	SIGNAL: n Assertion	Expected Results	Actual Results
Results:	SIGNAL: n Assertion AM-07	Expected Results Tool active message	Tool active message
Results:	SIGNAL: n Assertion AM-07 AM-08	Expected Results Tool active message 4 drives identified	Tool active message 4 drives identified
Results:	SIGNAL: n Assertion AM-07 AM-08 AM-09	Expected Results Tool active message 4 drives identified Drive 80 is protected	Tool active message 4 drives identified Drive 80 is protected
Results:	SIGNAL: n Assertion AM-07 AM-08 AM-09 AM-09	Expected Results Tool active message 4 drives identified Drive 80 is protected Drive 81 is protected	Tool active message 4 drives identified Drive 80 is protected Drive 81 is protected
Results:	SIGNAL: n Assertion AM-07 AM-08 AM-09 AM-09 AM-09	Expected Results Tool active message 4 drives identified Drive 80 is protected Drive 81 is protected Drive 82 is unprotected	Tool active message 4 drives identified Drive 80 is protected Drive 81 is protected Drive 82 is unprotected
Results:	SIGNAL: n Assertion AM-07 AM-08 AM-09 AM-09 AM-09 AM-09 AM-09	Expected Results Tool active message 4 drives identified Drive 80 is protected Drive 81 is protected Drive 82 is unprotected Drive 83 is protected	Tool active message 4 drives identified Drive 80 is protected Drive 81 is protected Drive 82 is unprotected Drive 83 is protected
Results:	SIGNAL: n Assertion AM-07 AM-08 AM-09 AM-09 AM-09 AM-09 AM-09 AM-10	Expected Results Tool active message 4 drives identified Drive 80 is protected Drive 81 is protected Drive 82 is unprotected Drive 83 is protected 0 Commands return success	Tool active message 4 drives identified Drive 80 is protected Drive 81 is protected Drive 82 is unprotected Drive 83 is protected 0 Commands return success
Results:	SIGNAL: n Assertion AM-07 AM-08 AM-09 AM-09 AM-09 AM-09 AM-09 AM-09 AM-09 AM-09 AM-09	Expected Results Tool active message 4 drives identified Drive 80 is protected Drive 81 is protected Drive 82 is unprotected Drive 83 is protected O Commands return success No cmds to drive 80 blocked	Tool active message 4 drives identified Drive 80 is protected Drive 81 is protected Drive 82 is unprotected Drive 83 is protected 0 Commands return success No cmds to drive 80 blocked
Results:	SIGNAL: n Assertion AM-07 AM-08 AM-09 AM-09 AM-09 AM-09 AM-09 AM-10 AO-04 AO-04	Expected Results Tool active message 4 drives identified Drive 80 is protected Drive 81 is protected Drive 82 is unprotected Drive 83 is protected O Commands return success No cmds to drive 80 blocked No cmds to drive 81 blocked	Tool active message 4 drives identified Drive 80 is protected Drive 81 is protected Drive 82 is unprotected Drive 83 is protected 0 Commands return success No cmds to drive 80 blocked No cmds to drive 81 blocked
Results:	SIGNAL: n Assertion AM-07 AM-08 AM-09 AM-09 AM-09 AM-09 AM-09 AM-10 AO-04 AO-04 AO-04	Expected Results Tool active message 4 drives identified Drive 80 is protected Drive 81 is protected Drive 82 is unprotected Drive 83 is protected O Commands return success No cmds to drive 80 blocked No cmds to drive 81 blocked No cmds to drive 83 blocked	Tool active message 4 drives identified Drive 80 is protected Drive 81 is protected Drive 82 is unprotected Drive 83 is protected 0 Commands return success No cmds to drive 80 blocked No cmds to drive 81 blocked No cmds to drive 83 blocked
Results:	SIGNAL: n Assertion AM-07 AM-08 AM-09 AM-09 AM-09 AM-09 AM-09 AM-09 AM-09 AM-09 AM-10 AO-04 AO-04 AO-04 AO-07	Expected Results Tool active message 4 drives identified Drive 80 is protected Drive 81 is protected Drive 82 is unprotected Drive 83 is protected 0 Commands return success No cmds to drive 80 blocked No cmds to drive 81 blocked No cmds to drive 83 blocked No cmds to drive 82 blocked	Tool active message 4 drives identified Drive 80 is protected Drive 81 is protected Drive 82 is unprotected Drive 83 is protected 0 Commands return success No cmds to drive 80 blocked No cmds to drive 81 blocked No cmds to drive 83 blocked No cmds to drive 82 blocked
Results: Analysis:	SIGNAL: n Assertion AM-07 AM-08 AM-09 AM-09 AM-09 AM-09 AM-09 AM-09 AM-09 AM-10 AO-04 AO-04 AO-04 AO-07 AO-10	Expected Results Tool active message 4 drives identified Drive 80 is protected Drive 81 is protected Drive 82 is unprotected Drive 83 is protected O Commands return success No cmds to drive 80 blocked No cmds to drive 81 blocked No cmds to drive 83 blocked	Tool active message 4 drives identified Drive 80 is protected Drive 81 is protected Drive 82 is unprotected Drive 83 is protected 0 Commands return success No cmds to drive 80 blocked No cmds to drive 81 blocked No cmds to drive 83 blocked

Case summary:	SWB-21 Install all drives, configure return code to failure, protect
	with pattern high, execute information commands.
Assertions	SWB-AM-07. If the tool is executed then the tool shall issue a message
Tested:	indicating that the tool is active.
	SWB-AM-08. If the tool is executed then the tool shall issue a message
	indicating all drives accessible by the covered interfaces.
	SWB-AM-09. If the tool is executed then the tool shall issue a message
	indicating the protection status of each drive attached to a
	covered interface.
	SWB-AM-11. If the tool is configured to return fail on blocked commands
	and the tool blocks a command then the return code shall indicate
	unsuccessful command execution.
	SWB-AO-06. If a subset of all covered drives is specified for
	protection, then commands from the information category shall not
	be blocked for drives in the selected subset.
	SWB-AO-07. If a subset of all covered drives is specified for
	protection, then no commands from any category shall be blocked for drives not in the selected subset.
	SWB-AO-10. If the tool blocks a command then the tool shall issue
	either an audio or a visual signal.
Tester Name:	PEB
Test Date:	Fri Sep 24 14:34:48 2004
Test PC:	Joe
Test Software:	SWBT 1.0
Hard Drives	Drive 80, label F5 is an IBM-DTLA-307020 with 40188960 sectors
Used:	Drive 81, label F6 is an IBM-DTLA-307020 with 40188960 sectors
	Drive 82, label E3 is a QUANTUM ATLAS10K2-TY092J with 17938985 sectors
	Drive 83, label E4 is a QUANTUM ATLAS10K2-TY092J with 17938985 sectors
Commands	Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222]

executed:	A:\tally13
	A:\pdblock 23 /fail
	A:\test-hdl SWB-21 Joe PEB i F5 F6 E3 E4
	A:\sig-log SWB-21 Joe PEB
	Shutdown Test PC
Log File	**** Monitor Execution ****
Mighlights:	Monitor BIOS interrupt 13h (disk service)
	tally13 compiled on 07/29/03 at 07:33:17
	@(#) Version 1.1 Created 07/29/03 at 07:28:05
	Now (09/24/04 at 14:34:21) Going TSR
	***** Install PDB Log *****
	PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er
	Drives Protected: 2,3
	Return Code: FAILURE
	Bell: ON
	Message: ON
	Drive Mode Length Size (Mb)
	0 LBA 40188960 19623
	CHS 16434495 8024
	1 LBA 40188960 19623 CHS 16434495 8024
	CHS 16434495 8024 2 LBA 17938985 8759
	CHS 16434495 8024
	3 LBA 17938985 8759
	CHS 16434495 8024
	***** Test Harness Log *****
	CMD: A:\TEST-HDL.EXE SWB-21 Joe PEB i F5 F6 E3 E4
	Case: SWB-21
	Command set: Information
	Date: Fri Sep 24 14:34:48 2004
	Compiled on Aug 31 2003 at 08:10:54 Operator: PEB
	Operator: PEB Host: Joe
	Operator: PEB Host: Joe Number of drives 4, Drives: F5 F6 E3 E4
	Operator: PEB Host: Joe
	Operator: PEB Host: Joe Number of drives 4, Drives: F5 F6 E3 E4 Case Cmd Drv Action Stat Cry Count Cmd Name 0 SWB-21 <01> 80 Allowed 0000 Off 1 GetLastStatus
	Operator: PEB Host: Joe Number of drives 4, Drives: F5 F6 E3 E4 Case Cmd Drv Action Stat Cry Count Cmd Name 0 SWB-21 <01> 80 Allowed 0000 Off 1 GetLastStatus 1 SWB-21 <04> 80 Allowed 0000 Off 1 VerifySectors 2 SWB-21 <08> 80 Allowed 0000 Off 1 ReadDriveParms
	Operator: PEB Host: Joe Number of drives 4, Drives: F5 F6 E3 E4 Case Cmd Drv Action Stat Cry Count Cmd Name 0 SWB-21 <01> 80 Allowed 0000 Off 1 GetLastStatus 1 SWB-21 <04> 80 Allowed 0000 Off 1 VerifySectors 2 SWB-21 <08> 80 Allowed 0000 Off 1 ReadDriveParms
	Operator: PEB Host: Joe Number of drives 4, Drives: F5 F6 E3 E4 Case Cmd Drv Action Stat Cry Count Cmd Name 0 SWB-21 <01> 80 Allowed 0000 Off 1 GetLastStatus 1 SWB-21 <04> 80 Allowed 0000 Off 1 VerifySectors 2 SWB-21 <08> 80 Allowed 0000 Off 1 ReadDriveParms 3 SWB-21 <10> 80 Allowed 0000 Off 1 TestDriveReady 4 SWB-21 <15> 80 Allowed 0000 Off 1 ReadDriveType
	Operator: PEB Host: Joe Number of drives 4, Drives: F5 F6 E3 E4 Case Cmd Drv Action Stat Cry Count Cmd Name 0 SWB-21 <01> 80 Allowed 0000 Off 1 GetLastStatus 1 SWB-21 <04> 80 Allowed 0000 Off 1 VerifySectors 2 SWB-21 <08> 80 Allowed 0000 Off 1 ReadDriveParms 3 SWB-21 <10> 80 Allowed 0000 Off 1 TestDriveReady 4 SWB-21 <15> 80 Allowed 0000 Off 1 ReadDriveType
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	Operator: PEB Host: Joe Number of drives 4, Drives: F5 F6 E3 E4 Case Cmd Drv Action Stat Cry Count Cmd Name 0 SWB-21 <01> 80 Allowed 0000 Off 1 GetLastStatus 1 SWB-21 <04> 80 Allowed 0000 Off 1 VerifySectors 2 SWB-21 <08> 80 Allowed 0000 Off 1 ReadDriveParms 3 SWB-21 <10> 80 Allowed 0000 Off 1 TestDriveReady 4 SWB-21 <15> 80 Allowed 0000 Off 1 ReadDriveType 5 SWB-21 <41> 80 Allowed 0000 Off 1 CheckForExtensions 6 SWB-21 <44> 80 Allowed 0000 Off 1 VerifySectors 7 SWB-21 <48> 80 Allowed 0000 Off 1 GetDriveParms
	Operator: PEB Host: Joe Number of drives 4, Drives: F5 F6 E3 E4 Case Cmd Drv Action Stat Cry Count Cmd Name 0 SWB-21 <01> 80 Allowed 0000 Off 1 GetLastStatus 1 SWB-21 <04> 80 Allowed 0000 Off 1 VerifySectors 2 SWB-21 <08> 80 Allowed 0000 Off 1 ReadDriveParms 3 SWB-21 <10> 80 Allowed 0000 Off 1 TestDriveReady 4 SWB-21 <15> 80 Allowed 0000 Off 1 ReadDriveType 5 SWB-21 <41> 80 Allowed 0000 Off 1 CheckForExtensions 6 SWB-21 <44> 80 Allowed 0000 Off 1 VerifySectors
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	Operator: PEB Host: Joe Number of drives 4, Drives: F5 F6 E3 E4 Case Cmd Drv Action Stat Cry Count Cmd Name 0 SWB-21 <01> 80 Allowed 0000 Off 1 GetLastStatus 1 SWB-21 <04> 80 Allowed 0000 Off 1 VerifySectors 2 SWB-21 <08> 80 Allowed 0000 Off 1 ReadDriveParms 3 SWB-21 <10> 80 Allowed 0000 Off 1 TestDriveReady 4 SWB-21 <15> 80 Allowed 0000 Off 1 ReadDriveType 5 SWB-21 <41> 80 Allowed 0000 Off 1 ReadDriveType 5 SWB-21 <44> 80 Allowed 0000 Off 1 CheckForExtensions 6 SWB-21 <44> 80 Allowed 0000 Off 1 VerifySectors 7 SWB-21 <48> 80 Allowed 0000 Off 1 GetDriveParms Results for SWB-21 category i on drive 80 No commands blocked (0 of 8) 0 SWB-21 <01> 81 Allowed 0000 Off 1 GetLastStatus 1 SWB-21 <04> 81 Allowed 0000 Off 1 VerifySectors
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	Operator: PEB Host: Joe Number of drives 4, Drives: F5 F6 E3 E4
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	Operator: PEB Host: Joe Number of drives 4, Drives: F5 F6 E3 E4
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	Operator: PEB Host: Joe Number of drives 4, Drives: F5 F6 E3 E4
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	Operator: PEB Host: Joe Number of drives 4, Drives: F5 F6 E3 E4

Case SWB-21 PDBlc	ck Version 2	.10	
	6 SWB-21 7 SWB-21 Results for	<48> 83 Allowed 0000 Off SWB-21 category i on drive 83 sent, 0 blocked, 32 not block	L VerifySectors L GetDriveParms B No commands blocked (0 of 8)
Results:	Assertion	Expected Results	Actual Results
	AM-07	Tool active message	Tool active message
	AM-08	4 drives identified	4 drives identified
	AM-09	Drive 80 is unprotected	Drive 80 is unprotected
	AM-09	Drive 81 is unprotected	Drive 81 is unprotected
	AM-09	Drive 82 is protected	Drive 82 is protected
	AM-09	Drive 83 is protected	Drive 83 is protected
	AM-11	0 Commands return fail	0 Commands return fail
	AO-06	No cmds to drive 82 blocked	No cmds to drive 82 blocked
	AO-06	No cmds to drive 83 blocked	No cmds to drive 83 blocked
	AO-07	No cmds to drive 80 blocked	No cmds to drive 80 blocked
	AO-07	No cmds to drive 81 blocked	No cmds to drive 81 blocked
	AO-10	No signal observed	No signal observed
Analysis:	SWB-21 Expe	cted results achieved	·

Case SWB-22 PDBlo	ock Version 2.10
Case summary:	SWB-22 Install all drives, configure return code to success, protect
_	with pattern not_first, execute information commands.
Assertions	SWB-AM-07. If the tool is executed then the tool shall issue a message
Tested:	indicating that the tool is active.
	SWB-AM-08. If the tool is executed then the tool shall issue a message
	indicating all drives accessible by the covered interfaces.
	SWB-AM-09. If the tool is executed then the tool shall issue a message
	indicating the protection status of each drive attached to a
	covered interface.
	SWB-AM-10. If the tool is configured to return success on blocked
	commands and the tool blocks a command then the return code shall indicate successful command execution.
	SWB-AO-06. If a subset of all covered drives is specified for
	protection, then commands from the information category shall not
	be blocked for drives in the selected subset.
	SWB-AO-07. If a subset of all covered drives is specified for
	protection, then no commands from any category shall be blocked for
	drives not in the selected subset.
	SWB-AO-10. If the tool blocks a command then the tool shall issue
	either an audio or a visual signal.
Tester Name:	PEB
Test Date:	Fri Sep 24 14:47:19 2004
Test PC:	Joe
Test Software:	SWBT 1.0
Hard Drives	Drive 80, label F5 is an IBM-DTLA-307020 with 40188960 sectors
Used:	Drive 81, label F6 is an IBM-DTLA-307020 with 40188960 sectors
	Drive 82, label E3 is a QUANTUM ATLAS10K2-TY092J with 17938985 sectors
- 1	Drive 83, label E4 is a QUANTUM ATLAS10K2-TY092J with 17938985 sectors
Commands	Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222]
executed:	A:\tally13
	A:\pdblock 123
	A:\test-hdl SWB-22 Joe PEB i F5 F6 E3 E4
	A:\sig-log SWB-22 Joe PEB Shutdown Test PC
Log File	***** Monitor Execution *****
Highlights:	Monitor BIOS interrupt 13h (disk service)
1119111191160.	tally13 compiled on 07/29/03 at 07:33:17
	@(#) Version 1.1 Created 07/29/03 at 07:28:05
	Now (09/24/04 at 14:46:52) Going TSR
	***** Install PDB Log *****
	PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er
	Drives Protected: 1,2,3
	Return Code: SUCCESS
	1

```
Case SWB-22 PDBlock Version 2.10
                  Bell:
                                    ON
                                    ON
                  Message:
                                    Length Size (Mb)
                  Drive | Mode |
                          LBA
                                   40188960
                           CHS
                                   16434495
                                                 8024
                                   40188960
                                                 19623
                           LBA
                                   16434495
                           CHS
                                                  8024
                           LBA
                                   17938985
                                                  8759
                           CHS
                                   16434495
                                                  8024
                           LBA
                                   17938985
                                                  8759
                          CHS
                                  16434495
                                                  8024
                  ***** Test Harness Log *****
                  CMD: A:\TEST-HDL.EXE SWB-22 Joe PEB i F5 F6 E3 E4
                  Case: SWB-22
                  Command set: Information
                  Date: Fri Sep 24 14:47:19 2004
                  Version: @(#) test-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51
                         @(#) wb-defs.h Version 1.2 Created 08/31/03 at 08:18:19
                         Compiled on Aug 31 2003 at 08:10:54
                  Operator: PEB
                  Host: Joe
                  Number of drives 4, Drives: F5 F6 E3 E4
                       Case Cmd Drv Action Stat Cry Count Cmd Name
                    0 SWB-22 <01> 80 Allowed 0000 Off 1 GetLastStatus
                    1 SWB-22 <04> 80 Allowed 0000 Off
                                                         1 VerifySectors
                    2 SWB-22 <08> 80 Allowed 0000 Off
                                                             ReadDriveParms
                                                        1 TestDriveReady
                    3 SWB-22 <10> 80 Allowed 0000 Off
                    4 SWB-22 <15> 80 Allowed 0000 Off
                                                        1 ReadDriveType
                    5 SWB-22 <41> 80 Allowed 0000 Off
                                                         1 CheckForExtensions
                    6 SWB-22 <44> 80 Allowed 0000 Off
                                                          1
                                                             VerifySectors
                    7 SWB-22 <48> 80 Allowed 0000 Off
                                                          1 GetDriveParms
                  Results for SWB-22 category i on drive 80 No commands blocked (0 of 8)
                    0 SWB-22 <01> 81 Allowed 0000 Off
                                                         1
                                                             GetLastStatus
                    1 SWB-22 <04> 81 Allowed 0000 Off
                                                             VerifySectors
                                                          1
                    2 SWB-22 <08> 81 Allowed 0000 Off
                                                             ReadDriveParms
                    3 SWB-22 <10> 81 Allowed 0000 Off
                                                         1
                                                             TestDriveReady
                    4 SWB-22 <15> 81 Allowed 0000 Off
                                                          1
                                                             ReadDriveType
                    5 SWB-22 <41> 81 Allowed 0000 Off
                                                          1 CheckForExtensions
                    6 SWB-22 <44> 81 Allowed 0000 Off
                                                          1 VerifySectors
                    7 SWB-22 <48> 81 Allowed 0000 Off
                                                          1 GetDriveParms
                  Results for SWB-22 category i on drive 81 No commands blocked (0 of 8)
                    0 SWB-22 <01> 82 Allowed 0000 Off
                                                        1 GetLastStatus
                    1 SWB-22 <04> 82 Allowed 0000 Off
                                                          1 VerifySectors
                    2 SWB-22 <08> 82 Allowed 0000 Off
                                                             ReadDriveParms
                    3 SWB-22 <10> 82 Allowed 0000 Off
                                                          1 TestDriveReady
                    4 SWB-22 <15> 82 Allowed 0000 Off
                                                         1 ReadDriveType
                    5 SWB-22 <41> 82 Allowed 0000 Off
                                                          1
                                                             CheckForExtensions
                    6 SWB-22 <44> 82 Allowed 0000 Off
                                                          1
                                                             VerifySectors
                    7 SWB-22 <48> 82 Allowed 0000 Off
                                                          1 GetDriveParms
                  Results for SWB-22 category i on drive 82 No commands blocked (0 of 8)
                    0 SWB-22 <01> 83 Allowed 0000 Off
                                                         1 GetLastStatus
                    1 SWB-22 <04> 83 Allowed 0000 Off
                                                          1 VerifySectors
                    2 SWB-22 <08> 83 Allowed 0000 Off
                                                        1 ReadDriveParms
                                                         1 TestDriveReady
1 ReadDriveType
                    3 SWB-22 <10> 83 Allowed 0000 Off
                    4 SWB-22 <15> 83 Allowed 0000 Off
                    5 SWB-22 <41> 83 Allowed 0000 Off
                                                         1 CheckForExtensions
                    6 SWB-22 <44> 83 Allowed 0000 Off
                                                         1 VerifySectors
                    7 SWB-22 <48> 83 Allowed 0000 Off
                                                          1 GetDriveParms
                  Results for SWB-22 category i on drive 83 No commands blocked (0 of 8)
                  Summary: 32 sent, 0 blocked, 32 not blocked
                  ***** Signal Log *****
                  SIGNAL: n
Results:
                  Assertion
                              Expected Results
                                                           Actual Results
                   AM-07
                              Tool active message
                                                           Tool active message
                              4 drives identified
                   AM-08
                                                            4 drives identified
                   AM-09
                              Drive 80 is unprotected
                                                           Drive 80 is unprotected
```

	AM-09	Drive 81 is protected	Drive 81 is protected
	AM-09	Drive 82 is protected	Drive 82 is protected
	AM-09	Drive 83 is protected	Drive 83 is protected
	AM-10	0 Commands return success	0 Commands return success
	AO-06	No cmds to drive 81 blocked	No cmds to drive 81 blocked
	AO-06	No cmds to drive 82 blocked	No cmds to drive 82 blocked
	AO-06	No cmds to drive 83 blocked	No cmds to drive 83 blocked
	AO-07	No cmds to drive 80 blocked	No cmds to drive 80 blocked
	AO-10	No signal observed	No signal observed
Analysis:	SWB-22 Exp	ected results achieved	<u>. </u>

Case SWB-23 PDBlo			
Case summary:	SWB-23 Install all drives, configure return code to failure, protect		
	with pattern random_u, execute control commands.		
Assertions	SWB-AM-07. If the tool is executed then the tool shall issue a message		
Tested:	indicating that the tool is active.		
	SWB-AM-08. If the tool is executed then the tool shall issue a message		
	indicating all drives accessible by the covered interfaces.		
	SWB-AM-09. If the tool is executed then the tool shall issue a message		
	indicating the protection status of each drive attached to a		
	covered interface.		
	SWB-AM-11. If the tool is configured to return fail on blocked commands		
	and the tool blocks a command then the return code shall indicate		
	unsuccessful command execution.		
	SWB-AO-05. If a subset of all covered drives is specified for		
	protection, then commands from the control category shall not be		
	blocked for drives in the selected subset.		
	SWB-AO-07. If a subset of all covered drives is specified for		
	protection, then no commands from any category shall be blocked for		
	drives not in the selected subset.		
	SWB-AO-10. If the tool blocks a command then the tool shall issue		
Tester Name:	either an audio or a visual signal.		
Tester Name:			
Test PC:	Fri Sep 24 14:51:00 2004 Joe		
	SWBT 1.0		
Test Software: Hard Drives			
Used:	Drive 80, label F5 is an IBM-DTLA-307020 with 40188960 sectors Drive 81, label F6 is an IBM-DTLA-307020 with 40188960 sectors		
useu.	Drive 82, label E3 is a QUANTUM ATLAS10K2-TY092J with 17938985 sectors		
	Drive 83, label E4 is a QUANTUM ATLAS10K2-TY092J with 17938985 sectors		
Commands	Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222]		
executed: A:\tally13			
	A:\pdblock 023 /fail		
	A:\test-hdl SWB-23 Joe PEB c F5 F6 E3 E4		
	A:\sig-log SWB-23 Joe PEB		
	Shutdown Test PC		
Log File	**** Monitor Execution ****		
Highlights:	Monitor BIOS interrupt 13h (disk service)		
	tally13 compiled on 07/29/03 at 07:33:17		
	@(#) Version 1.1 Created 07/29/03 at 07:28:05		
	Now (09/24/04 at 14:50:33) Going TSR		
	***** Install PDB Log *****		
	PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er		
	Drives Protected: 0,2,3		
	Return Code: FAILURE		
	Bell: ON		
	Message: ON		
	Drive Mode Length Size (Mb) 0 LBA 40188960 19623		
	CHS 16434495 8024 1 LBA 40188960 19623		
	CHS 16434495 8024		
	CHS 16434495 8024 2 LBA 17938985 8759		
	CHS 16434495 8024 2 LBA 17938985 8759 CHS 16434495 8024		
	CHS 16434495 8024 2 LBA 17938985 8759 CHS 16434495 8024 3 LBA 17938985 8759		
	CHS 16434495 8024 2 LBA 17938985 8759 CHS 16434495 8024		

Case SWB-23 PT	DBlock Version 2.10	
	Case: SWB-23	
	Command set: Control	
	Date: Fri Sep 24 14:51:00 2004	
	<pre>Version: @(#) test-hdl.cpp Version 1.1 (@(#) wb-defs.h Version 1.2 Creat Compiled on Aug 31 2003 at 08:10 Operator: PEB Host: Joe Number of drives 4, Drives: F5 F6 E3 E4</pre>	ed 08/31/03 at 08:18:19 :54
	Case Cmd Drv Action Stat Cry Cour	
	0 SWB-23 <00> 80 Allowed 0000 Off	1 Reset
	1 SWB-23 <0C> 80 Allowed 0000 Off	1 SeekDrive
		1 AltReset
	3 SWB-23 <11> 80 Allowed 0000 Off	1 Recalibrate
		1 ExtendedSeek
	Results for SWB-23 category c on drive 8 0 SWB-23 <00> 81 Allowed 0000 Off 1 SWB-23 <0C> 81 Allowed 0000 Off	10 No commands blocked (0 of 5) 1 Reset 1 SeekDrive
	2 SWB-23 <0D> 81 Allowed 0000 Off	1 AltReset
		1 Recalibrate
	4 SWB-23 <47> 81 Allowed 0000 Off	1 ExtendedSeek
	Results for SWB-23 category c on drive 8 0 SWB-23 <00> 82 Allowed 0000 Off 1 SWB-23 <0C> 82 Allowed 0000 Off	1 No commands blocked (0 of 5) 1 Reset 1 SeekDrive
		1 AltReset
	3 SWB-23 <11> 82 Allowed 0000 Off	1 Recalibrate
		1 ExtendedSeek
	Results for SWB-23 category c on drive 8	
	0 SWB-23 <00> 83 Allowed 0000 Off	1 Reset
		1 SeekDrive
	2 SWB-23 <0D> 83 Allowed 0000 Off	1 AltReset
		1 Recalibrate
	4 SWB-23 <47> 83 Allowed 0000 Off	
	Results for SWB-23 category c on drive 8 Summary: 20 sent, 0 blocked, 20 not block	33 No commands blocked (0 of 5)
	***** Signal Log ***** SIGNAL: n	
Results:		Actual Results
Results:	SIGNAL: n	Actual Results Tool active message
Results:	SIGNAL: n Assertion Expected Results	
Results:	SIGNAL: n Assertion Expected Results AM-07 Tool active message AM-08 4 drives identified	Tool active message 4 drives identified
Results:	SIGNAL: n Assertion Expected Results AM-07 Tool active message AM-08 4 drives identified AM-09 Drive 80 is protected	Tool active message 4 drives identified Drive 80 is protected
Results:	SIGNAL: n Assertion Expected Results AM-07 Tool active message AM-08 4 drives identified AM-09 Drive 80 is protected AM-09 Drive 81 is unprotected	Tool active message 4 drives identified Drive 80 is protected Drive 81 is unprotected
Results:	SIGNAL: n Assertion Expected Results AM-07 Tool active message AM-08 4 drives identified AM-09 Drive 80 is protected AM-09 Drive 81 is unprotected	Tool active message 4 drives identified Drive 80 is protected
Results:	SIGNAL: n Assertion Expected Results AM-07 Tool active message AM-08 4 drives identified AM-09 Drive 80 is protected AM-09 Drive 81 is unprotected AM-09 Drive 82 is protected	Tool active message 4 drives identified Drive 80 is protected Drive 81 is unprotected Drive 82 is protected
Results:	SIGNAL: n Assertion Expected Results AM-07 Tool active message AM-08 4 drives identified AM-09 Drive 80 is protected AM-09 Drive 81 is unprotected AM-09 Drive 82 is protected AM-09 Drive 83 is protected AM-11 0 Commands return fail	Tool active message 4 drives identified Drive 80 is protected Drive 81 is unprotected Drive 82 is protected Drive 83 is protected 0 Commands return fail
Results:	SIGNAL: n Assertion Expected Results AM-07 Tool active message AM-08 4 drives identified AM-09 Drive 80 is protected AM-09 Drive 81 is unprotected AM-09 Drive 82 is protected AM-09 Drive 83 is protected AM-09 Drive 83 is protected AM-11 0 Commands return fail AO-05 No cmds to drive 80 blocked	Tool active message 4 drives identified Drive 80 is protected Drive 81 is unprotected Drive 82 is protected Drive 83 is protected O Commands return fail No cmds to drive 80 blocked
Results:	SIGNAL: n Assertion Expected Results AM-07 Tool active message AM-08 4 drives identified AM-09 Drive 80 is protected AM-09 Drive 81 is unprotected AM-09 Drive 82 is protected AM-09 Drive 83 is protected AM-09 Drive 83 is protected AM-11 0 Commands return fail AO-05 No cmds to drive 80 blocked AO-05 No cmds to drive 82 blocked	Tool active message 4 drives identified Drive 80 is protected Drive 81 is unprotected Drive 82 is protected Drive 83 is protected O Commands return fail No cmds to drive 80 blocked No cmds to drive 82 blocked
Results:	Assertion Expected Results AM-07 Tool active message AM-08 4 drives identified AM-09 Drive 80 is protected AM-09 Drive 81 is unprotected AM-09 Drive 82 is protected AM-09 Drive 83 is protected AM-09 Drive 83 is protected AM-11 0 Commands return fail AO-05 No cmds to drive 80 blocked AO-05 No cmds to drive 82 blocked AO-05 No cmds to drive 83 blocked	Tool active message 4 drives identified Drive 80 is protected Drive 81 is unprotected Drive 82 is protected Drive 83 is protected O Commands return fail No cmds to drive 80 blocked No cmds to drive 82 blocked No cmds to drive 83 blocked
Results:	SIGNAL: n Assertion Expected Results AM-07 Tool active message AM-08 4 drives identified AM-09 Drive 80 is protected AM-09 Drive 81 is unprotected AM-09 Drive 82 is protected AM-09 Drive 83 is protected AM-09 Drive 83 is protected AM-11 0 Commands return fail AO-05 No cmds to drive 80 blocked AO-05 No cmds to drive 82 blocked	Tool active message 4 drives identified Drive 80 is protected Drive 81 is unprotected Drive 82 is protected Drive 83 is protected O Commands return fail No cmds to drive 80 blocked No cmds to drive 82 blocked

Case SWB-24 PDBlock Version 2.10		
Case summary:	SWB-24 Install all drives, configure return code to success, protect	
	with pattern even, execute control commands.	
Assertions	SWB-AM-07. If the tool is executed then the tool shall issue a message	
Tested:	indicating that the tool is active.	
	SWB-AM-08. If the tool is executed then the tool shall issue a message	
	indicating all drives accessible by the covered interfaces.	
	SWB-AM-09. If the tool is executed then the tool shall issue a message	
	indicating the protection status of each drive attached to a	
	covered interface.	
	SWB-AM-10. If the tool is configured to return success on blocked	
	commands and the tool blocks a command then the return code shall	
	indicate successful command execution.	

G GVD 04 DDD1	and Manager 0.10		
Case SWB-24 PDBlo			
	SWB-AO-05. If a subset of all covered drives is specified for		
	protection, then commands from the control category shall not be		
	blocked for drives in the selected subset. SWB-AO-07. If a subset of all covered drives is specified for		
	protection, then no commands from any category shall be blocked for		
	drives not in the selected subset.		
	SWB-AO-10. If the tool blocks a command then the tool shall issue		
	either an audio or a visual signal.		
Tester Name:	PEB		
Test Date:	Fri Sep 24 14:54:18 2004		
Test PC:	Joe		
Test Software:	SWBT 1.0		
Hard Drives	Drive 80, label F5 is an IBM-DTLA-307020 with 40188960 sectors		
Used:	Drive 81, label F6 is an IBM-DTLA-307020 with 40188960 sectors		
0204	Drive 82, label E3 is a QUANTUM ATLAS10K2-TY092J with 17938985 sectors		
	Drive 83, label E4 is a QUANTUM ATLAS10K2-TY092J with 17938985 sectors		
Commands	Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222]		
executed:	A:\tally13		
	A:\pdblock 02		
	A:\test-hdl SWB-24 Joe PEB c F5 F6 E3 E4		
	A:\sig-log SWB-24 Joe PEB		
	Shutdown Test PC		
Log File	**** Monitor Execution ****		
Highlights:	Monitor BIOS interrupt 13h (disk service)		
	tally13 compiled on 07/29/03 at 07:33:17		
	@(#) Version 1.1 Created 07/29/03 at 07:28:05		
	Now (09/24/04 at 14:53:52) Going TSR		
	***** Install PDB Log ***** PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er		
	Drives Protected: 0,2		
	Return Code: SUCCESS		
	Bell: ON		
	Message: ON		
	Drive Mode Length Size (Mb)		
	0 LBA 40188960 19623		
	CHS 16434495 8024		
	1 LBA 40188960 19623		
	CHS 16434495 8024		
	2 LBA 17938985 8759		
	CHS 16434495 8024		
	3 LBA 17938985 8759		
	CHS 16434495 8024		
	***** Test Harness Log *****		
	CMD: A:\TEST-HDL.EXE SWB-24 Joe PEB c F5 F6 E3 E4		
	Case: SWB-24 Command set: Control		
	Date: Fri Sep 24 14:54:18 2004		
	2000 111 500 21 11:51:10 2001		
	Version: @(#) test-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51		
	@(#) wb-defs.h Version 1.2 Created 08/31/03 at 08:18:19		
	Compiled on Aug 31 2003 at 08:10:54		
	Operator: PEB		
	Host: Joe		
	Number of drives 4, Drives: F5 F6 E3 E4		
	Case Cmd Drv Action Stat Cry Count Cmd Name		
	0 SWB-24 <00> 80 Allowed 0000 Off 1 Reset		
	1 SWB-24 <0C> 80 Allowed 0000 Off 1 SeekDrive		
	2 SWB-24 <0D> 80 Allowed 0000 Off 1 AltReset		
	3 SWB-24 <11> 80 Allowed 0000 Off 1 Recalibrate 4 SWB-24 <47> 80 Allowed 0000 Off 1 ExtendedSeek		
	Results for SWB-24 category c on drive 80 No commands blocked (0 of 5)		
	0 SWB-24 <00> 81 Allowed 0000 Off 1 Reset		
	1 SWB-24 <0C> 81 Allowed 0000 Off 1 SeekDrive		
	2 SWB-24 <0D> 81 Allowed 0000 Off 1 AltReset		
	3 SWB-24 <11> 81 Allowed 0000 Off 1 Recalibrate		
	4 SWB-24 <47> 81 Allowed 0000 Off 1 ExtendedSeek		
	Results for SWB-24 category c on drive 81 No commands blocked (0 of 5)		
	0 SWB-24 <00> 82 Allowed 0000 Off 1 Reset		
	1 SWB-24 <0C> 82 Allowed 0000 Off 1 SeekDrive		

Case SWB-24 PDF	Block Version 2	.10	
	3 SWB-24 4 SWB-24 Results for 0 SWB-24 1 SWB-24 2 SWB-24 3 SWB-24 4 SWB-24 Results for Summary: 20	<pre><00> 83 Allowed 0000 Off <00> 83 Allowed 0000 Off <00> 83 Allowed 0000 Off <1> 83 Allowed 0000 Off <1> 83 Allowed 0000 Off <1> 83 Allowed 0000 Off <5WB-24 category c on drive 83 sent, 0 blocked, 20 not blocked</pre>	Recalibrate ExtendedSeek No commands blocked (0 of 5) Reset SeekDrive AltReset Recalibrate ExtendedSeek No commands blocked (0 of 5)
	***** Signa SIGNAL: n	l Log ****	
Results:	Assertion	Expected Results	Actual Results
	AM-07	Tool active message	Tool active message
	AM-08	4 drives identified	4 drives identified
	AM-09	Drive 80 is protected	Drive 80 is protected
	AM-09	Drive 81 is unprotected	Drive 81 is unprotected
	AM-09	Drive 82 is protected	Drive 82 is protected
	AM-09	Drive 83 is unprotected	Drive 83 is unprotected
	AM-10	0 Commands return success	0 Commands return success
	AO-05	No cmds to drive 80 blocked	No cmds to drive 80 blocked
	AO-05	No cmds to drive 82 blocked	No cmds to drive 82 blocked
	AO-07	No cmds to drive 81 blocked	No cmds to drive 81 blocked
	AO-07	No cmds to drive 83 blocked	No cmds to drive 83 blocked
	AO-10	No signal observed	No signal observed

Case SWB-25 PDBlo	ock Version 2.10
Case summary:	SWB-25 Install three drives, configure return code to failure, protect
	with pattern PUU, execute write commands.
Assertions	SWB-AM-07. If the tool is executed then the tool shall issue a message
Tested:	indicating that the tool is active.
	SWB-AM-08. If the tool is executed then the tool shall issue a message
	indicating all drives accessible by the covered interfaces.
	SWB-AM-09. If the tool is executed then the tool shall issue a message indicating the protection status of each drive attached to a covered interface.
	SWB-AM-11. If the tool is configured to return fail on blocked commands
	and the tool blocks a command then the return code shall indicate unsuccessful command execution.
	SWB-AO-01. If a subset of all covered drives is specified for
	protection, then commands from the write category shall be blocked
	for drives in the selected subset.
	SWB-AO-07. If a subset of all covered drives is specified for
	protection, then no commands from any category shall be blocked for
	drives not in the selected subset.
	SWB-AO-10. If the tool blocks a command then the tool shall issue
	either an audio or a visual signal.
Tester Name:	PEB
Test Date:	Fri Aug 06 15:36:14 2004
Test PC:	Joe
Test Software:	SWBT 1.0
Hard Drives	Drive 80, label 8A is a WDC WD200EB-00CSF0 with 39102336 sectors
Used:	Drive 81, label 90 is a WDC WD300BB-00CAA0 with 58633344 sectors
	Drive 82, label 1F is a Quantum ATLAS10K3_18_SCA Drive with 35916548
	sectors
Commands	Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222]
executed:	A:\tally13
	A:\pdblock 0 /fail
	A:\test-hdl SWB-25 Joe PEB w 8A 90 1F
	A:\sig-log SWB-25 Joe PEB Shutdown Test PC
Log File	***** Monitor Execution *****
Highlights:	Monitor BIOS interrupt 13h (disk service)
uiduiidurs.	tally13 compiled on 07/29/03 at 07:33:17
	carryrs comprised on 07/25/03 at 07-33-17

Case SWB-25 PDBlock Version 2.10				
Case SWD=25 PDBIC	@(#) Version 1.1 Created 07/29/03 at 07:28:05			
	Now (08/06/04 at 15:35:45) Going TSR			
	, , ,	ll PDB Log *****		
		sion 2.10: (P)hysical (D)isk Wi	rite (BLOCK)er	
	Drives Prote		•	
	Return Code	: FAILURE		
	Bell:	ON		
	Message:	ON		
	Drive Mode	e Length Size (Mb)		
	0 LB2			
	CH	S 16434495 8024		
	1 LB2	A 39102336 19092 S 16434495 8024		
	CH	5 16434495 8024		
		A 58633344 28629		
	'	S 16434495 8024		
		Harness Log *****	20. 15	
	,	Г-HDL.EXE SWB-25 Joe PEB w 8A 9 =	JU IF	
	Case: SWB-2!			
	Command set	; write .g 06 15:36:14 2004		
	Dace. FII A	72 00 ID.20.II 5004		
	@(#)	#) test-hdl.cpp Version 1.1 Cre wb-defs.h Version 1.2 Created viled on Aug 31 2003 at 08:10:5	08/31/03 at 08:18:19	
	Host: Joe	ED.		
		rives 3 Drives: 8A 90 1F		
	Number of drives 3, Drives: 8A 90 1F Case Cmd Drv Action Stat Cry Count Cmd Name 0 SWB-25 <03> 80 Blocked 0300 On 0 WriteSectors 1 SWB-25 <0B> 80 Blocked 0300 On 0 WriteLong 2 SWB-25 <43> 80 Blocked 0300 On 0 ExtWrite Results for SWB-25 category w on drive 80 All commands blocked (3 of 3) 0 SWB-25 <03> 81 Allowed 0000 Off 1 WriteSectors			
	1 SWB-25 ·	1 SWB-25 <0B> 81 Allowed 0000 Off		
		<43> 81 Allowed 0000 Off 1		
	Results for SWB-25 category w on drive 81 No commands blocked (0 of 3) 0 SWB-25 <03> 82 Allowed 0000 Off 1 WriteSectors 1 SWB-25 <0B> 82 Allowed 0000 Off 1 WriteLong			
		<pre><43> 82 Allowed 0000 Off 1</pre>		
	Results for SWB-25 category w on drive 82 No commands blocked (0 of 3) Summary: 9 sent, 3 blocked, 6 not blocked			
	***** Signal Log *****			
Results:	SIGNAL: y	Expected Results	Actual Results	
REBUIES.	AM-07	Tool active message	Tool active message	
	AM-08	3 drives identified	3 drives identified	
	AM-09	Drive 80 is protected	Drive 80 is protected	
	AM-09	Drive 81 is unprotected	Drive 81 is unprotected	
	AM-09	Drive 82 is unprotected	Drive 82 is unprotected	
	AM-11	3 Commands return fail	3 Commands return fail	
	AO-01	All cmds to drive 80 blocked	All cmds to drive 80 blocked	
	AO-01	No cmds to drive 81 blocked	No cmds to drive 81 blocked	
	AO-07	No cmds to drive 82 blocked	No cmds to drive 82 blocked	
	AO-10	Signal observed	Signal observed	
Analysis:	ļ. L	cted results achieved		

Case SWB-26 PDBlo	ock Version 2.10		
Case summary:	SWB-26 Install three drives, configure return code to success, protect		
	with pattern UPU, execute write commands.		
Assertions	SWB-AM-07. If the tool is executed then the tool shall issue a message		
Tested:	indicating that the tool is active.		
	SWB-AM-08. If the tool is executed then the tool shall issue a message		
	indicating all drives accessible by the covered interfaces.		
	SWB-AM-09. If the tool is executed then the tool shall issue a message		
	indicating the protection status of each drive attached to a		
	covered interface.		

Case SWB-26 PDBlo	ock Version 2.10		
	SWB-AM-10. If the tool is configured to return success on blocked commands and the tool blocks a command then the return code shall indicate successful command execution. SWB-AO-01. If a subset of all covered drives is specified for protection, then commands from the write category shall be blocked		
	for drives in the selected subset. SWB-AO-07. If a subset of all covered drives is specified for protection, then no commands from any category shall be blocked for		
	drives not in the selected subset. SWB-AO-10. If the tool blocks a command then the tool shall issue either an audio or a visual signal.		
Tester Name:	PEB		
Test Date:	Fri Aug 06 15:51:15 2004		
Test PC:	Joe		
Test Software:	SWBT 1.0		
Hard Drives Used:	Drive 80, label 8A is a WDC WD200EB-00CSF0 with 39102336 sectors Drive 81, label 90 is a WDC WD300BB-00CAA0 with 58633344 sectors Drive 82, label 1F is a Quantum ATLAS10K3_18_SCA Drive with 35916548 sectors		
Commands executed:	Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222] A:\tally13 A:\pdblock 1		
	A:\test-hdl SWB-26 Joe PEB w 8A 90 1F A:\sig-log SWB-26 Joe PEB Shutdown Test PC		
Log File	**** Monitor Execution ****		
Highlights:	Monitor BIOS interrupt 13h (disk service) tally13 compiled on 07/29/03 at 07:33:17 @(#) Version 1.1 Created 07/29/03 at 07:28:05 Now (08/06/04 at 15:50:45) Going TSR		
	***** Install PDB Log ***** PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er		
	Drives Protected: 1 Return Code: SUCCESS Bell: ON		
	Message: ON Drive Mode Length Size (Mb)		
	0 LBA 35916548 17537 CHS 16434495 8024 1 LBA 39102336 19092		
	CHS 16434495 8024 2 LBA 58633344 28629 CHS 16434495 8024		
	CHS 16434495 8024 ***** Test Harness Log ***** CMD: A:\TEST-HDL.EXE SWB-26 Joe PEB w 8A 90 1F		
	Case: SWB-26 Command set: Write Date: Fri Aug 06 15:51:15 2004		
	<pre>Version: @(#) test-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51 @(#) wb-defs.h Version 1.2 Created 08/31/03 at 08:18:19 Compiled on Aug 31 2003 at 08:10:54 Operator: PEB Host: Joe</pre>		
	Number of drives 3, Drives: 8A 90 1F Case Cmd Drv Action Stat Cry Count Cmd Name 0 SWB-26 <03> 80 Allowed 0000 Off 1 WriteSectors		
	1 SWB-26 <0B> 80 Allowed 0000 Off		
	Results for SWB-26 category w on drive 80 No commands blocked (0 of 3) 0 SWB-26 <03> 81 Blocked 0000 Off 0 WriteSectors 1 SWB-26 <0B> 81 Blocked 0000 Off 0 WriteLong		
	2 SWB-26 <43> 81 Blocked 0000 Off 0 ExtWrite Results for SWB-26 category w on drive 81 All commands blocked (3 of 3) 0 SWB-26 <03> 82 Allowed 0000 Off 1 WriteSectors		
	1 SWB-26 <0B> 82 Allowed 0000 Off 1 WriteLong 2 SWB-26 <43> 82 Allowed 0000 Off 1 ExtWrite Results for SWB-26 category w on drive 82 No commands blocked (0 of 3)		
	Summary: 9 sent, 3 blocked, 6 not blocked		

3450 2.12 20 2	DBlock Version 2		
		il Log ****	
Results:	SIGNAL: y Assertion	Expected Results	Actual Results
	AM-07	Tool active message	Tool active message
	AM-08	3 drives identified	3 drives identified
	AM-09	Drive 80 is unprotected	Drive 80 is unprotected
	AM-09	Drive 81 is protected	Drive 81 is protected
	AM-09	Drive 82 is unprotected	Drive 82 is unprotected
	AM-10	3 Commands return success	3 Commands return success
	AO-01	All cmds to drive 81 blocked	All cmds to drive 81 blocked
	AO-07	No cmds to drive 80 blocked	No cmds to drive 80 blocked
	AO-07	No cmds to drive 82 blocked	No cmds to drive 82 blocked
	AO-10	Signal observed	Signal observed
Analysis:	SWB-26 Expe	cted results achieved	

Case SWB-27 PDBlo	ock Version 2.10		
Case summary:	SWB-27 Install three drives, configure return code to failure, protect		
-	with pattern UUP, execute write commands.		
Assertions	SWB-AM-07. If the tool is executed then the tool shall issue a message		
Tested:	indicating that the tool is active.		
	SWB-AM-08. If the tool is executed then the tool shall issue a message		
	indicating all drives accessible by the covered interfaces.		
	SWB-AM-09. If the tool is executed then the tool shall issue a message		
	indicating the protection status of each drive attached to a		
	covered interface.		
	SWB-AM-11. If the tool is configured to return fail on blocked commands		
	and the tool blocks a command then the return code shall indicate		
	unsuccessful command execution.		
	SWB-AO-01. If a subset of all covered drives is specified for		
	protection, then commands from the write category shall be blocked		
	for drives in the selected subset.		
	SWB-AO-07. If a subset of all covered drives is specified for		
	protection, then no commands from any category shall be blocked for		
	drives not in the selected subset.		
	SWB-AO-10. If the tool blocks a command then the tool shall issue		
	either an audio or a visual signal.		
Tester Name:	PEB		
Test Date:	Fri Aug 06 16:02:20 2004		
Test PC:	Joe		
Test Software:	SWBT 1.0		
	Drive 80, label 8A is a WDC WD200EB-00CSF0 with 39102336 sectors		
Hard Drives	Drive 80, label 8A is a WDC WD200EB-00CSF0 with 39102336 sectors		
Hard Drives Used:	Drive 81, label 90 is a WDC WD300BB-00CAA0 with 58633344 sectors		
Used:	Drive 81, label 90 is a WDC WD300BB-00CAA0 with 58633344 sectors Drive 82, label 1F is a Quantum ATLAS10K3_18_SCA Drive with 35916548 sectors		
Used: Commands	Drive 81, label 90 is a WDC WD300BB-00CAA0 with 58633344 sectors Drive 82, label 1F is a Quantum ATLAS10K3_18_SCA Drive with 35916548 sectors Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222]		
Used:	Drive 81, label 90 is a WDC WD300BB-00CAA0 with 58633344 sectors Drive 82, label 1F is a Quantum ATLAS10K3_18_SCA Drive with 35916548 sectors Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222] A:\tally13		
Used: Commands	Drive 81, label 90 is a WDC WD300BB-00CAA0 with 58633344 sectors Drive 82, label 1F is a Quantum ATLAS10K3_18_SCA Drive with 35916548 sectors Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222] A:\tally13 A:\pdblock 2 /fail		
Used: Commands	Drive 81, label 90 is a WDC WD300BB-00CAA0 with 58633344 sectors Drive 82, label 1F is a Quantum ATLAS10K3_18_SCA Drive with 35916548 sectors Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222] A:\tally13 A:\pdblock 2 /fail A:\test-hdl SWB-27 Joe PEB w 8A 90 1F		
Used: Commands	Drive 81, label 90 is a WDC WD300BB-00CAA0 with 58633344 sectors Drive 82, label 1F is a Quantum ATLAS10K3_18_SCA Drive with 35916548 sectors Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222] A:\tally13 A:\pdblock 2 /fail A:\test-hdl SWB-27 Joe PEB w 8A 90 1F A:\sig-log SWB-27 Joe PEB		
Used: Commands executed:	Drive 81, label 90 is a WDC WD300BB-00CAA0 with 58633344 sectors Drive 82, label 1F is a Quantum ATLAS10K3_18_SCA Drive with 35916548 sectors Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222] A:\tally13 A:\pdblock 2 /fail A:\test-hdl SWB-27 Joe PEB w 8A 90 1F A:\sig-log SWB-27 Joe PEB Shutdown Test PC		
Used: Commands executed:	Drive 81, label 90 is a WDC WD300BB-00CAA0 with 58633344 sectors Drive 82, label 1F is a Quantum ATLAS10K3_18_SCA Drive with 35916548 sectors Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222] A:\tally13 A:\pdblock 2 /fail A:\test-hdl SWB-27 Joe PEB w 8A 90 1F A:\sig-log SWB-27 Joe PEB Shutdown Test PC ***** Monitor Execution *****		
Used: Commands executed:	Drive 81, label 90 is a WDC WD300BB-00CAA0 with 58633344 sectors Drive 82, label 1F is a Quantum ATLAS10K3_18_SCA Drive with 35916548 sectors Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222] A:\tally13 A:\pdblock 2 /fail A:\test-hdl SWB-27 Joe PEB w 8A 90 1F A:\sig-log SWB-27 Joe PEB Shutdown Test PC ***** Monitor Execution ***** Monitor BIOS interrupt 13h (disk service)		
Used: Commands executed:	Drive 81, label 90 is a WDC WD300BB-00CAA0 with 58633344 sectors Drive 82, label 1F is a Quantum ATLAS10K3_18_SCA Drive with 35916548 sectors Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222] A:\tally13 A:\pdblock 2 /fail A:\test-hdl SWB-27 Joe PEB w 8A 90 1F A:\sig-log SWB-27 Joe PEB Shutdown Test PC ***** Monitor Execution ***** Monitor BIOS interrupt 13h (disk service) tally13 compiled on 07/29/03 at 07:33:17		
Used: Commands executed:	Drive 81, label 90 is a WDC WD300BB-00CAA0 with 58633344 sectors Drive 82, label 1F is a Quantum ATLAS10K3_18_SCA Drive with 35916548 sectors Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222] A:\tally13 A:\pdblock 2 /fail A:\test-hdl SWB-27 Joe PEB w 8A 90 1F A:\sig-log SWB-27 Joe PEB Shutdown Test PC ***** Monitor Execution ***** Monitor BIOS interrupt 13h (disk service) tally13 compiled on 07/29/03 at 07:33:17 @(#) Version 1.1 Created 07/29/03 at 07:28:05		
Used: Commands executed:	Drive 81, label 90 is a WDC WD300BB-00CAA0 with 58633344 sectors Drive 82, label 1F is a Quantum ATLAS10K3_18_SCA Drive with 35916548 sectors Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222] A:\tally13 A:\pdblock 2 /fail A:\test-hdl SWB-27 Joe PEB w 8A 90 1F A:\sig-log SWB-27 Joe PEB Shutdown Test PC ***** Monitor Execution ***** Monitor BIOS interrupt 13h (disk service) tally13 compiled on 07/29/03 at 07:33:17 @(#) Version 1.1 Created 07/29/03 at 07:28:05 Now (08/06/04 at 16:01:51) Going TSR		
Used: Commands executed:	Drive 81, label 90 is a WDC WD300BB-00CAA0 with 58633344 sectors Drive 82, label 1F is a Quantum ATLAS10K3_18_SCA Drive with 35916548 sectors Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222] A:\tally13 A:\pdblock 2 /fail A:\test-hdl SWB-27 Joe PEB w 8A 90 1F A:\sig-log SWB-27 Joe PEB Shutdown Test PC ***** Monitor Execution ***** Monitor BIOS interrupt 13h (disk service) tally13 compiled on 07/29/03 at 07:33:17 @(#) Version 1.1 Created 07/29/03 at 07:28:05 Now (08/06/04 at 16:01:51) Going TSR ***** Install PDB Log *****		
Used: Commands executed:	Drive 81, label 90 is a WDC WD300BB-00CAA0 with 58633344 sectors Drive 82, label 1F is a Quantum ATLAS10K3_18_SCA Drive with 35916548 sectors Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222] A:\tally13 A:\pdblock 2 /fail A:\test-hdl SWB-27 Joe PEB w 8A 90 1F A:\sig-log SWB-27 Joe PEB Shutdown Test PC ***** Monitor Execution ***** Monitor BIOS interrupt 13h (disk service) tally13 compiled on 07/29/03 at 07:33:17 @(#) Version 1.1 Created 07/29/03 at 07:28:05 Now (08/06/04 at 16:01:51) Going TSR ***** Install PDB Log ***** PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er		
Used: Commands executed:	Drive 81, label 90 is a WDC WD300BB-00CAA0 with 58633344 sectors Drive 82, label 1F is a Quantum ATLAS10K3_18_SCA Drive with 35916548 sectors Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222] A:\tally13 A:\pdblock 2 /fail A:\test-hdl SWB-27 Joe PEB w 8A 90 1F A:\sig-log SWB-27 Joe PEB Shutdown Test PC ***** Monitor Execution ***** Monitor BIOS interrupt 13h (disk service) tally13 compiled on 07/29/03 at 07:33:17 @(#) Version 1.1 Created 07/29/03 at 07:28:05 Now (08/06/04 at 16:01:51) Going TSR ***** Install PDB Log ***** PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er Drives Protected: 2		
Used: Commands executed:	Drive 81, label 90 is a WDC WD300BB-00CAA0 with 58633344 sectors Drive 82, label 1F is a Quantum ATLAS10K3_18_SCA Drive with 35916548 sectors Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222] A:\tally13 A:\pdblock 2 /fail A:\test-hdl SWB-27 Joe PEB w 8A 90 1F A:\sig-log SWB-27 Joe PEB Shutdown Test PC ***** Monitor Execution ***** Monitor BIOS interrupt 13h (disk service) tally13 compiled on 07/29/03 at 07:33:17 @(#) Version 1.1 Created 07/29/03 at 07:28:05 Now (08/06/04 at 16:01:51) Going TSR ***** Install PDB Log ***** PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er Drives Protected: 2 Return Code: FAILURE		
Used: Commands executed: Log File	Drive 81, label 90 is a WDC WD300BB-00CAA0 with 58633344 sectors Drive 82, label 1F is a Quantum ATLAS10K3_18_SCA Drive with 35916548 sectors Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222] A:\tally13 A:\pdblock 2 /fail A:\test-hdl SWB-27 Joe PEB w 8A 90 1F A:\sig-log SWB-27 Joe PEB Shutdown Test PC ***** Monitor Execution ***** Monitor BIOS interrupt 13h (disk service) tally13 compiled on 07/29/03 at 07:33:17 @(#) Version 1.1 Created 07/29/03 at 07:28:05 Now (08/06/04 at 16:01:51) Going TSR ***** Install PDB Log ***** PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er Drives Protected: 2 Return Code: FAILURE Bell: ON		
Used: Commands executed: Log File	Drive 81, label 90 is a WDC WD300BB-00CAA0 with 58633344 sectors Drive 82, label 1F is a Quantum ATLAS10K3_18_SCA Drive with 35916548 sectors Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222] A:\tally13 A:\pdblock 2 /fail A:\test-hdl SWB-27 Joe PEB w 8A 90 1F A:\sig-log SWB-27 Joe PEB Shutdown Test PC ***** Monitor Execution ***** Monitor BIOS interrupt 13h (disk service) tally13 compiled on 07/29/03 at 07:33:17 @(#) Version 1.1 Created 07/29/03 at 07:28:05 Now (08/06/04 at 16:01:51) Going TSR ***** Install PDB Log ***** PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er Drives Protected: 2 Return Code: FAILURE Bell: ON Message: ON		
Used: Commands executed:	Drive 81, label 90 is a WDC WD300BB-00CAA0 with 58633344 sectors Drive 82, label 1F is a Quantum ATLAS10K3_18_SCA Drive with 35916548 sectors Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222] A:\tally13 A:\pdblock 2 /fail A:\test-hdl SWB-27 Joe PEB w 8A 90 1F A:\sig-log SWB-27 Joe PEB Shutdown Test PC ***** Monitor Execution ***** Monitor BIOS interrupt 13h (disk service) tally13 compiled on 07/29/03 at 07:33:17 @(#) Version 1.1 Created 07/29/03 at 07:28:05 Now (08/06/04 at 16:01:51) Going TSR ***** Install PDB Log ***** PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er Drives Protected: 2 Return Code: FAILURE Bell: ON Message: ON Drive Mode Length Size (Mb)		
Used: Commands executed:	Drive 81, label 90 is a WDC WD300BB-00CAA0 with 58633344 sectors Drive 82, label 1F is a Quantum ATLAS10K3_18_SCA Drive with 35916548 sectors Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222] A:\tally13 A:\pdblock 2 /fail A:\test-hdl SWB-27 Joe PEB w 8A 90 1F A:\sig-log SWB-27 Joe PEB Shutdown Test PC ***** Monitor Execution ***** Monitor BIOS interrupt 13h (disk service) tally13 compiled on 07/29/03 at 07:33:17 @(#) Version 1.1 Created 07/29/03 at 07:28:05 Now (08/06/04 at 16:01:51) Going TSR ***** Install PDB Log ***** PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er Drives Protected: 2 Return Code: FAILURE Bell: ON Message: ON Drive Mode Length Size (Mb) 0 LBA 35916548 17537		
Used: Commands executed:	Drive 81, label 90 is a WDC WD300BB-00CAA0 with 58633344 sectors Drive 82, label 1F is a Quantum ATLAS10K3_18_SCA Drive with 35916548 sectors Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222] A:\tally13 A:\pdblock 2 /fail A:\test-hdl SWB-27 Joe PEB w 8A 90 1F A:\sig-log SWB-27 Joe PEB Shutdown Test PC ***** Monitor Execution ***** Monitor BIOS interrupt 13h (disk service) tally13 compiled on 07/29/03 at 07:33:17 @(#) Version 1.1 Created 07/29/03 at 07:28:05 Now (08/06/04 at 16:01:51) Going TSR ***** Install PDB Log ***** PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er Drives Protected: 2 Return Code: FAILURE Bell: ON Message: ON Drive Mode Length Size (Mb)		

Case SWB-27 PDBlo	ock Version 2	.10	
COLO DILO E, IDDIO		A 58633344 28629	
	!	S 16434495 8024	
	**** Test	Harness Log ****	
		Γ-HDL.EXE SWB-27 Joe PEB w 8A 9	90 1F
	Case: SWB-2		
	Command set	: Write	
	Date: Fri A	ug 06 16:02:20 2004	
	Version: @(#) test-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51 @(#) wb-defs.h Version 1.2 Created 08/31/03 at 08:18:19 Compiled on Aug 31 2003 at 08:10:54 Operator: PEB Host: Joe		
	Number of drives 3, Drives: 8A 90 1F Case Cmd Drv Action Stat Cry Count Cmd Name 0 SWB-27 <03> 80 Allowed 0000 Off 1 WriteSectors 1 SWB-27 <0B> 80 Allowed 0000 Off 1 WriteLong 2 SWB-27 <43> 80 Allowed 0000 Off 1 ExtWrite Results for SWB-27 category w on drive 80 No commands blocked (0 of 3) 0 SWB-27 <03> 81 Allowed 0000 Off 1 WriteLong 2 SWB-27 <0B> 81 Allowed 0000 Off 1 WriteLong 2 SWB-27 <43> 81 Allowed 0000 Off 1 ExtWrite Results for SWB-27 category w on drive 81 No commands blocked (0 of 3) 0 SWB-27 <03> 82 Blocked 0300 On 0 WriteSectors 1 SWB-27 <0B> 82 Blocked 0300 On 0 WriteLong 2 SWB-27 <43> 82 Blocked 0300 On 0 ExtWrite Results for SWB-27 category w on drive 82 All commands blocked (3 of 3) Summary: 9 sent, 3 blocked, 6 not blocked		
	**** Signa] Tog ****	
	SIGNAL: y	- 	
Results:	Assertion	Expected Results	Actual Results
	AM-07	Tool active message	Tool active message
	AM-08	3 drives identified	3 drives identified
	AM-09	Drive 80 is unprotected	Drive 80 is unprotected
	AM-09	Drive 81 is unprotected	Drive 81 is unprotected
	AM-09	Drive 82 is protected	Drive 82 is protected
	AM-11	3 Commands return fail	3 Commands return fail
	AO-01	All cmds to drive 82 blocked	All cmds to drive 82 blocked
	AO-07	No cmds to drive 80 blocked	No cmds to drive 80 blocked
	AO-07	No cmds to drive 81 blocked	No cmds to drive 81 blocked
	AO-10	Signal observed	Signal observed
Analysis:	SWB-27 Expe	cted results achieved	

Case SWB-28 PDBlock Version 2.10				
Case summary:	SWB-28 Install three drives, configure return code to success, protect			
	with pattern UPP, execute write commands.			
Assertions	SWB-AM-07. If the tool is executed then the tool shall issue a message			
Tested:	indicating that the tool is active.			
	SWB-AM-08. If the tool is executed then the tool shall issue a message			
	indicating all drives accessible by the covered interfaces.			
	SWB-AM-09. If the tool is executed then the tool shall issue a message			
	indicating the protection status of each drive attached to a			
	covered interface.			
	SWB-AM-10. If the tool is configured to return success on blocked			
	commands and the tool blocks a command then the return code shall			
	indicate successful command execution.			
	SWB-AO-01. If a subset of all covered drives is specified for			
	protection, then commands from the write category shall be blocked			
	for drives in the selected subset.			
	SWB-AO-07. If a subset of all covered drives is specified for			
	protection, then no commands from any category shall be blocked for			
	drives not in the selected subset.			
	SWB-AO-10. If the tool blocks a command then the tool shall issue			
	either an audio or a visual signal.			
Tester Name:	PEB			
Test Date:	Fri Aug 06 16:12:31 2004			

Case SWB-28 PDBlo	ak Vergion 2 10		
Test PC:	Joe		
Test Software:	SWBT 1.0		
Hard Drives	Drive 80, label 8A is a WDC WD200EB-00CSF0 with 39102336 sectors		
Used:	Drive 81, label 90 is a WDC WD300BB-00CAAO with 58633344 sectors		
	Drive 82, label 1F is a Quantum ATLAS10K3_18_SCA Drive with 35916548		
	sectors		
Commands	Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222]		
executed:	A:\tally13		
	A:\pdblock 12		
	A:\test-hdl SWB-28 Joe PEB w 8A 90 1F		
	A:\sig-log SWB-28 Joe PEB		
Tan Dila	Shutdown Test PC ***** Monitor Execution *****		
Log File Highlights:	Monitor BIOS interrupt 13h (disk service)		
nightights.	tally13 compiled on 07/29/03 at 07:33:17		
	@(#) Version 1.1 Created 07/29/03 at 07:28:05		
	Now (08/06/04 at 16:12:02) Going TSR		
	***** Install PDB Log *****		
	PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er		
	Drives Protected: 1,2		
	Return Code: SUCCESS		
	Bell: ON		
	Message: ON		
	Drive Mode Length Size (Mb) 0 LBA 35916548 17537		
	CHS 16434495 8024		
	1 LBA 39102336 19092		
	CHS 16434495 8024		
	2 LBA 58633344 28629		
	CHS 16434495 8024		
	***** Test Harness Log *****		
	CMD: A:\TEST-HDL.EXE SWB-28 Joe PEB w 8A 90 1F		
	Case: SWB-28		
	d set: Write		
	: Fri Aug 06 16:12:31 2004		
	<pre>Version: @(#) test-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51 @(#) wb-defs.h Version 1.2 Created 08/31/03 at 08:18:19 Compiled on Aug 31 2003 at 08:10:54</pre>		
	Operator: PEB Host: Joe		
	Number of drives 3, Drives: 8A 90 1F		
	Case Cmd Drv Action Stat Cry Count Cmd Name		
	0 SWB-28 <03> 80 Allowed 0000 Off 1 WriteSectors		
	1 SWB-28 <0B> 80 Allowed 0000 Off 1 WriteLong		
	2 SWB-28 <43> 80 Allowed 0000 Off 1 ExtWrite		
	Results for SWB-28 category w on drive 80 No commands blocked (0 of 3)		
	0 SWB-28 <03> 81 Blocked 0000 Off 0 WriteSectors		
	1 SWB-28 <0B> 81 Blocked 0000 Off 0 WriteLong		
	2 SWB-28 <43> 81 Blocked 0000 Off 0 ExtWrite Results for SWB-28 category w on drive 81 All commands blocked (3 of 3)		
	Results for SWB-28 category w on drive 81 All commands blocked (3 of 3 0 SWB-28 <03> 82 Blocked 0000 Off 0 WriteSectors		
	1 SWB-28 <0B> 82 Blocked 0000 Off 0 WriteLong		
	2 SWB-28 <43> 82 Blocked 0000 Off 0 ExtWrite		
	Results for SWB-28 category w on drive 82 All commands blocked (3 of 3)		
	Summary: 9 sent, 6 blocked, 3 not blocked		
	***** Signal Log *****		
Results:	SIGNAL: y Assertion Expected Results Actual Results		
VERNICR.			
	AM-08 3 drives identified 3 drives identified AM-09 Drive 80 is unprotected Drive 80 is unprotected		
	AM-09 Drive 81 is protected Drive 81 is protected AM-09 Drive 82 is protected Drive 82 is protected		
	AM-10 6 Commands return success 6 Commands return success		
	AM-10 6 Commands return success 6 Commands return success AO-01 All cmds to drive 81 blocked All cmds to drive 81 blocked		
	AO-01 All cmds to drive 81 blocked All cmds to drive 81 blocked AO-01 All cmds to drive 82 blocked All cmds to drive 82 blocked		
L	ATT CHIES TO ELIVE 02 DIOCKEE ATT CHIES TO ULIVE 02 DIOCKEE		

Case SWB-28 PDBlock Version 2.10				
	AO-07	No cmds to drive 80 blocked	No cmds to drive 80 blocked	
	AO-10	Signal observed	Signal observed	
Analysis:	SWB-28 Expe	SWB-28 Expected results achieved		

Case SWB-29 PDBlo	ock Version 2.10			
Case summary:	SWB-29 Install three drives, configure return code to failure, protect			
case summary.	with pattern PUP, execute write commands.			
Assertions	SWB-AM-07. If the tool is executed then the tool shall issue a message			
Tested:	indicating that the tool is active. SWB-AM-08. If the tool is executed then the tool shall issue a message			
	indicating all drives accessible by the covered interfaces. SWB-AM-09. If the tool is executed then the tool shall issue a message indicating the protection status of each drive attached to a			
	covered interface. SWB-AM-11. If the tool is configured to return fail on blocked commands and the tool blocks a command then the return code shall indicate unsuccessful command execution. SWB-AO-01. If a subset of all covered drives is specified for protection, then commands from the write category shall be blocked for drives in the selected subset. SWB-AO-07. If a subset of all covered drives is specified for			
	protection, then no commands from any category shall be blocked for drives not in the selected subset. SWB-AO-10. If the tool blocks a command then the tool shall issue			
	either an audio or a visual signal.			
Tester Name:	PEB			
Test Date:	Fri Aug 06 16:26:12 2004			
Test PC: Test Software:	Joe SWBT 1.0			
Hard Drives	Drive 80, label 8A is a WDC WD200EB-00CSF0 with 39102336 sectors			
Used:	Drive 81, label 90 is a WDC WD300BB-00CAA0 with 58633344 sectors Drive 82, label 1F is a Quantum ATLAS10K3_18_SCA Drive with 35916548 sectors			
Commands	Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222]			
executed:	A:\tally13 A:\pdblock 02 /fail A:\test-hdl SWB-29 Joe PEB w 8A 90 1F A:\sig-log SWB-29 Joe PEB Shutdown Test PC			
Log File	**** Monitor Execution ****			
Highlights:	Monitor BIOS interrupt 13h (disk service)			
	tally13 compiled on 07/29/03 at 07:33:17			
	@(#) Version 1.1 Created 07/29/03 at 07:28:05			
	Now (08/06/04 at 16:25:42) Going TSR			
	***** Install PDB Log *****			
	PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er Drives Protected: 0,2			
	Return Code: FAILURE			
	Bell: ON			
	Message: ON			
	Drive Mode Length Size (Mb)			
	0 LBA 35916548 17537			
	CHS 16434495 8024			
	1 LBA 39102336 19092			
	CHS 16434495 8024			
	2 LBA 58633344 28629			
	CHS 16434495 8024			
	***** Test Harness Log *****			
	CMD: A:\TEST-HDL.EXE SWB-29 Joe PEB w 8A 90 1F			
	Case: SWB-29			
	Command set: Write Date: Fri Aug 06 16:26:12 2004			
	<pre>Version: @(#) test-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51 @(#) wb-defs.h Version 1.2 Created 08/31/03 at 08:18:19 Compiled on Aug 31 2003 at 08:10:54</pre>			
	Operator: PEB			
	Host: Joe			

Case SWB-29 PDB10	ck Version 2	.10	
	Number of d	rives 3, Drives: 8A 90 1F	
	Case	Cmd Drv Action Stat Cry Count	Cmd Name
		<03> 80 Blocked 0300 On 0	
	1 SWB-29	<0B> 80 Blocked 0300 On 0	WriteLong
	2 SWB-29	<43> 80 Blocked 0300 On 0	ExtWrite
		SWB-29 category w on drive 80	
		<03> 81 Allowed 0000 Off 1	
		<0B> 81 Allowed 0000 Off 1	_
		<43> 81 Allowed 0000 Off 1	
		SWB-29 category w on drive 81	, , ,
		<03> 82 Blocked 0300 On 0	
		<0B> 82 Blocked 0300 On 0 <43> 82 Blocked 0300 On 0	_
		SWB-29 category w on drive 82	
		sent, 6 blocked, 3 not blocked	All Commands blocked (3 of 3)
	Summary. 5	sent, o blocked, s not blocked	
	**** Signa] I.oa ****	
	SIGNAL: y	3	
Results:	Assertion	Expected Results	Actual Results
	AM-07		
	AIM-07	Tool active message	Tool active message
	AM-07 AM-08	Tool active message 3 drives identified	Tool active message 3 drives identified
		•	
	AM-08	3 drives identified	3 drives identified
	AM-08 AM-09	3 drives identified Drive 80 is protected	3 drives identified Drive 80 is protected
	AM-08 AM-09 AM-09	3 drives identified Drive 80 is protected Drive 81 is unprotected	3 drives identified Drive 80 is protected Drive 81 is unprotected
	AM-08 AM-09 AM-09 AM-09	3 drives identified Drive 80 is protected Drive 81 is unprotected Drive 82 is protected	3 drives identified Drive 80 is protected Drive 81 is unprotected Drive 82 is protected
	AM-08 AM-09 AM-09 AM-09 AM-11	3 drives identified Drive 80 is protected Drive 81 is unprotected Drive 82 is protected 6 Commands return fail	3 drives identified Drive 80 is protected Drive 81 is unprotected Drive 82 is protected 6 Commands return fail
	AM-08 AM-09 AM-09 AM-09 AM-11 AO-01	3 drives identified Drive 80 is protected Drive 81 is unprotected Drive 82 is protected 6 Commands return fail All cmds to drive 80 blocked	3 drives identified Drive 80 is protected Drive 81 is unprotected Drive 82 is protected 6 Commands return fail All cmds to drive 80 blocked
	AM-08 AM-09 AM-09 AM-09 AM-11 AO-01 AO-01	3 drives identified Drive 80 is protected Drive 81 is unprotected Drive 82 is protected 6 Commands return fail All cmds to drive 80 blocked All cmds to drive 82 blocked	3 drives identified Drive 80 is protected Drive 81 is unprotected Drive 82 is protected 6 Commands return fail All cmds to drive 80 blocked All cmds to drive 82 blocked

Case SWB-30 PDBlo	ock Version 2.10
Case summary:	SWB-30 Install three drives, configure return code to success, protect
	with pattern PPU, execute write commands.
Assertions	SWB-AM-07. If the tool is executed then the tool shall issue a message
Tested:	indicating that the tool is active.
	SWB-AM-08. If the tool is executed then the tool shall issue a message
	indicating all drives accessible by the covered interfaces.
	SWB-AM-09. If the tool is executed then the tool shall issue a message
	indicating the protection status of each drive attached to a
	covered interface.
	SWB-AM-10. If the tool is configured to return success on blocked
	commands and the tool blocks a command then the return code shall
	indicate successful command execution.
	SWB-AO-01. If a subset of all covered drives is specified for
	protection, then commands from the write category shall be blocked for drives in the selected subset.
	SWB-AO-07. If a subset of all covered drives is specified for protection, then no commands from any category shall be blocked for
	drives not in the selected subset.
	SWB-AO-10. If the tool blocks a command then the tool shall issue
	either an audio or a visual signal.
Tester Name:	PEB
Test Date:	Fri Aug 06 16:34:22 2004
Test PC:	Joe
Test Software:	SWBT 1.0
Hard Drives	Drive 80, label 8A is a WDC WD200EB-00CSF0 with 39102336 sectors
Used:	Drive 81, label 90 is a WDC WD300BB-00CAA0 with 58633344 sectors
	Drive 82, label 1F is a Quantum ATLAS10K3_18_SCA Drive with 35916548
	sectors
Commands	Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222]
executed:	A:\tally13
	A:\pdblock 01
	A:\test-hdl SWB-30 Joe PEB w 8A 90 1F
	A:\sig-log SWB-30 Joe PEB
	Shutdown Test PC
Log File	***** Monitor Execution *****

Case SWB-30 PDBlo	ock Version ?	.10				
Highlights:		S interrupt 13h (disk service)				
migningnes.		mpiled on 07/29/03 at 07:33:17				
	_	n 1.1 Created 07/29/03 at 07:28	8:05			
		04 at 16:33:53) Going TS				
		ll PDB Log ****	DIC .			
		sion 2.10: (P)hysical (D)isk Wi	rite (BLOCK)er			
	Drives Prote		Tiec (Block)CI			
	Return Code					
	Bell: ON					
	Message:	ON				
	Drive Mode					
	0 LB	A 35916548 17537				
	CH					
	1 LB					
	CH	S 16434495 8024				
	2 LB	A 58633344 28629				
	!	S 16434495 8024				
	l l	Harness Log ****				
		T-HDL.EXE SWB-30 Joe PEB w 8A 9	90 1F			
	Case: SWB-3					
	Command set	: Write				
	Date: Fri A	ug 06 16:34:22 2004				
	Version: @(:	#) test-hdl.cpp Version 1.1 Cre	eated 08/23/03 at 10:13:51			
	@(#) wb-defs.h Version 1.2 Created 08/31/03 at 08:18:19					
	Comp	oiled on Aug 31 2003 at 08:10:5	4			
	Operator: PEB Host: Joe Number of drives 3, Drives: 8A 90 1F Case Cmd Drv Action Stat Cry Count Cmd Name					
	0 SWB-30 <03> 80 Blocked 0000 Off 0 WriteSectors 1 SWB-30 <0B> 80 Blocked 0000 Off 0 WriteLong					
	1 SWB-30 <0B> 80 Blocked 0000 Off 0 WriteLong					
	2 SWB-30 <43> 80 Blocked 0000 Off 0 ExtWrite Results for SWB-30 category w on drive 80 All commands blocked (3 of 3)					
	0 SWB-30 <03> 81 Blocked 0000 Off 0 WriteSectors					
	1 SWB-30	<ob> 81 Blocked 0000 Off 0</ob>	WriteLong			
		<43> 81 Blocked 0000 Off 0				
	Results for SWB-30 category w on drive 81 All commands blocked (3 of 3) 0 SWB-30 <03> 82 Allowed 0000 Off 1 WriteSectors 1 SWB-30 <0B> 82 Allowed 0000 Off 1 WriteLong 2 SWB-30 <43> 82 Allowed 0000 Off 1 ExtWrite Results for SWB-30 category w on drive 82 No commands blocked (0 of 3)					
	Summary: 9 sent, 6 blocked, 3 not blocked					
	***** Signa	Log ****				
-	SIGNAL: y					
Results:	Assertion	Expected Results	Actual Results			
	AM-07	Tool active message	Tool active message			
	AM-08	3 drives identified	3 drives identified			
	AM-09	Drive 80 is protected	Drive 80 is protected			
	AM-09	Drive 81 is protected	Drive 81 is protected			
	AM-09	Drive 82 is unprotected	Drive 82 is unprotected			
	AM-10	6 Commands return success	6 Commands return success			
	AO-01	All cmds to drive 80 blocked	All cmds to drive 80 blocked			
	AO-01	All cmds to drive 81 blocked	All cmds to drive 81 blocked			
	AO-07	No cmds to drive 82 blocked	No cmds to drive 82 blocked			
	AO-10	Signal observed	Signal observed			
Analysis:	SWB-30 Expe	cted results achieved				

Case SWB-31 PDBlock Version 2.10		
Case summary:	SWB-31 Install three drives, configure return code to failure, protect	
	with pattern PUU, execute read commands.	
Assertions	SWB-AM-07. If the tool is executed then the tool shall issue a message	
Tested:	indicating that the tool is active.	
	SWB-AM-08. If the tool is executed then the tool shall issue a message	
	indicating all drives accessible by the covered interfaces.	
	SWB-AM-09. If the tool is executed then the tool shall issue a message	

Case SWB-31 PDBlo	_			
	indicating the protection status of each drive attached to a			
	covered interface.			
	SWB-AM-11. If the tool is configured to return fail on blocked commands			
	and the tool blocks a command then the return code shall indicate			
	unsuccessful command execution.			
	SWB-AO-04. If a subset of all covered drives is specified for			
	protection, then commands from the read category shall not be			
	blocked for drives in the selected subset.			
	SWB-AO-07. If a subset of all covered drives is specified for			
	protection, then no commands from any category shall be blocked for			
	drives not in the selected subset.			
	SWB-AO-10. If the tool blocks a command then the tool shall issue			
	either an audio or a visual signal.			
Tester Name:	PEB			
Test Date:	Fri Aug 06 16:38:37 2004			
Test PC:	Joe			
Test Software:	SWBT 1.0			
Hard Drives				
Used:	Drive 80, label 8A is a WDC WD200EB-00CSF0 with 39102336 sectors			
usea.	Drive 81, label 90 is a WDC WD300BB-00CAAO with 58633344 sectors			
	Drive 82, label 1F is a Quantum ATLAS10K3_18_SCA Drive with 35916548			
	sectors			
Commands	Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222]			
executed:	A:\tally13			
	A:\pdblock 0 /fail			
	A:\test-hdl SWB-31 Joe PEB r 8A 90 1F			
	A:\sig-log SWB-31 Joe PEB			
	Shutdown Test PC			
Log File	**** Monitor Execution ****			
Highlights:	Monitor BIOS interrupt 13h (disk service)			
	tally13 compiled on 07/29/03 at 07:33:17			
	@(#) Version 1.1 Created 07/29/03 at 07:28:05			
	Now (08/06/04 at 16:38:08) Going TSR			
	***** Install PDB Log *****			
	PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er			
	Drives Protected: 0			
	Return Code: FAILURE			
	Bell: ON			
	Message: ON			
	Drive Mode Length Size (Mb)			
	0 LBA 35916548 17537			
	CHS 16434495 8024			
	1 LBA 39102336 19092			
	CHS 16434495 8024			
	2 LBA 58633344 28629			
	_ i i			
	CHS 16434495 8024			
	***** Test Harness Log *****			
	CMD: A:\TEST-HDL.EXE SWB-31 Joe PEB r 8A 90 1F			
	Case: SWB-31			
	Command set: Read Date: Fri Aug 06 16:38:37 2004			
	Version: @(#) test-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51			
	@(#) wb-defs.h Version 1.2 Created 08/31/03 at 08:18:19			
	Compiled on Aug 31 2003 at 08:10:54			
	Operator: PEB			
	Host: Joe			
	Number of drives 3, Drives: 8A 90 1F			
	Case Cmd Drv Action Stat Cry Count Cmd Name			
	0 SWB-31 <02> 80 Allowed 0000 Off 1 ReadSectors			
	1 SWB-31 <0A> 80 Allowed 0000 Off			
	2 SWB-31 <42> 80 Allowed 0000 Off 1 ExtRead			
	Results for SWB-31 category r on drive 80 No commands blocked (0 of 3)			
	0 SWB-31 <02> 81 Allowed 0000 Off 1 ReadSectors			
	1 SWB-31 <0A> 81 Allowed 0000 Off 1 ReadLong			
	2 SWB-31 <42> 81 Allowed 0000 Off 1 ExtRead			
	Results for SWB-31 category r on drive 81 No commands blocked (0 of 3)			
	0 SWB-31 <02> 82 Allowed 0000 Off 1 ReadSectors			
	1 SWB-31 <0A> 82 Allowed 0000 Off 1 ReadLong			
	2 SWB-31 <42> 82 Allowed 0000 Off			

Case SWB-31 PDBlo	Case SWB-31 PDBlock Version 2.10		
	Results for SWB-31 category r on drive 82 No commands blocked (0 of 3) Summary: 9 sent, 0 blocked, 9 not blocked		
	**** Signa SIGNAL: n	l Log *****	
Results:	Assertion	Expected Results	Actual Results
	AM-07	Tool active message	Tool active message
	AM-08	3 drives identified	3 drives identified
	AM-09	Drive 80 is protected	Drive 80 is protected
	AM-09	Drive 81 is unprotected	Drive 81 is unprotected
	AM-09	Drive 82 is unprotected	Drive 82 is unprotected
	AM-11	0 Commands return fail	0 Commands return fail
	AO-04	No cmds to drive 80 blocked	No cmds to drive 80 blocked
	AO-07	No cmds to drive 81 blocked	No cmds to drive 81 blocked
	AO-07	No cmds to drive 82 blocked	No cmds to drive 82 blocked
	AO-10	No signal observed	No signal observed
Analysis:	SWB-31 Expected results achieved		

Case SWB-32 PDBlo	ock Version 2.10		
Case summary:	SWB-32 Install three drives, configure return code to success, protect		
_	with pattern UPU, execute read commands.		
Assertions	SWB-AM-07. If the tool is executed then the tool shall issue a message		
Tested:	indicating that the tool is active.		
	SWB-AM-08. If the tool is executed then the tool shall issue a message		
	indicating all drives accessible by the covered interfaces.		
	SWB-AM-09. If the tool is executed then the tool shall issue a message		
	indicating the protection status of each drive attached to a covered interface.		
	SWB-AM-10. If the tool is configured to return success on blocked		
	commands and the tool blocks a command then the return code shall indicate successful command execution.		
	SWB-AO-04. If a subset of all covered drives is specified for		
	protection, then commands from the read category shall not be		
	blocked for drives in the selected subset.		
	SWB-AO-07. If a subset of all covered drives is specified for		
	protection, then no commands from any category shall be blocked for		
	drives not in the selected subset.		
	SWB-AO-10. If the tool blocks a command then the tool shall issue		
	either an audio or a visual signal.		
Tester Name:	PEB		
Test Date:	Fri Aug 06 16:44:27 2004		
Test PC:	Joe		
Test Software:	SWBT 1.0		
Hard Drives	Drive 80, label 8A is a WDC WD200EB-00CSF0 with 39102336 sectors		
Used:	Drive 81, label 90 is a WDC WD300BB-00CAA0 with 58633344 sectors		
	Drive 82, label 1F is a Quantum ATLAS10K3_18_SCA Drive with 35916548		
	sectors		
Commands	Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222]		
executed:	A:\tally13		
	A:\pdblock 1		
	A:\test-hdl SWB-32 Joe PEB r 8A 90 1F		
	A:\sig-log SWB-32 Joe PEB		
	Shutdown Test PC		
Log File	**** Monitor Execution ****		
Highlights:	Monitor BIOS interrupt 13h (disk service)		
	tally13 compiled on 07/29/03 at 07:33:17		
	@(#) Version 1.1 Created 07/29/03 at 07:28:05		
	Now (08/06/04 at 16:43:58) Going TSR		
	***** Install PDB Log ***** PDDPlack Margins 2 10: (P) harded (P) ink White (P) OK() are		
	PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er		
	Drives Protected: 1 Return Code: SUCCESS		
	Bell: ON Message: ON		
	Drive Mode Length Size (Mb)		
	0 LBA 35916548 17537		
	CHS 16434495 8024		
	010 10101100 0021		

Case SWB-32 PDBloo	ck Version 2	.10	
Capa bild 52 PDB100		A 39102336 19092	
	!	S 16434495 8024	
	1	A 58633344 28629	
	1	S 16434495 8024	
		Harness Log *****	
		Γ-HDL.EXE SWB-32 Joe PEB r 8A	90 1F
	Case: SWB-32		
	Command set: Read		
	Date: Fri A	ug 06 16:44:27 2004	
	@(#)	#) test-hdl.cpp Version 1.1 Cr wb-defs.h Version 1.2 Create viled on Aug 31 2003 at 08:10: EB	d 08/31/03 at 08:18:19
		rives 3. Drives: 8A 90 1F	
	Number of drives 3, Drives: 8A 90 1F Case Cmd Drv Action Stat Cry Count Cmd Name 0 SWB-32 <02> 80 Allowed 0000 0ff		
	SIGNAL: n	3	
Results:	Assertion	Expected Results	Actual Results
	AM-07	Tool active message	Tool active message
	AM-08	3 drives identified	3 drives identified
	AM-09	Drive 80 is unprotected	Drive 80 is unprotected
	AM-09	Drive 81 is protected	Drive 81 is protected
	AM-09	Drive 82 is unprotected	Drive 82 is unprotected
	AM-10	0 Commands return success	0 Commands return success
	AO-04	No cmds to drive 81 blocked	No cmds to drive 81 blocked
	AO-07	No cmds to drive 80 blocked	No cmds to drive 80 blocked
	AO-07	No cmds to drive 82 blocked	No cmds to drive 82 blocked
	AO-10	No signal observed	No signal observed
Analysis:	SWB-32 Expe	cted results achieved	

Case SWB-33 PDBlc	ck Version 2.10		
Case summary:	SWB-33 Install three drives, configure return code to failure, protect		
	with pattern UUP, execute read commands.		
Assertions	SWB-AM-07. If the tool is executed then the tool shall issue a message		
Tested:	indicating that the tool is active.		
	SWB-AM-08. If the tool is executed then the tool shall issue a message		
	indicating all drives accessible by the covered interfaces.		
	SWB-AM-09. If the tool is executed then the tool shall issue a message		
	indicating the protection status of each drive attached to a		
	covered interface.		
	SWB-AM-11. If the tool is configured to return fail on blocked commands		
	and the tool blocks a command then the return code shall indicate		
	unsuccessful command execution.		
	SWB-AO-04. If a subset of all covered drives is specified for		
	protection, then commands from the read category shall not be		
	blocked for drives in the selected subset.		
	SWB-AO-07. If a subset of all covered drives is specified for		
	protection, then no commands from any category shall be blocked for		
	drives not in the selected subset.		
	SWB-AO-10. If the tool blocks a command then the tool shall issue		
	either an audio or a visual signal.		

0 SWB-33 <02> 81 Allowed 0000 Off 1 ReadSectors 1 SWB-33 <0A> 81 Allowed 0000 Off 1 ReadLong 2 SWB-33 <42> 81 Allowed 0000 Off 1 ExtRead Results for SWB-33 category r on drive 81 No commands blocked (0 of 3 0 SWB-33 <02> 82 Allowed 0000 Off 1 ReadSectors 1 SWB-33 <0A> 82 Allowed 0000 Off 1 ReadLong 2 SWB-33 <42> 82 Allowed 0000 Off 1 ReadLong 2 SWB-33 <42> 82 Allowed 0000 Off 1 ExtRead Results for SWB-33 category r on drive 82 No commands blocked (0 of 3 Summary: 9 sent, 0 blocked, 9 not blocked ***** Signal Log ***** SIGNAL: n Results: Assertion Expected Results Actual Results AM-07 Tool active message Tool active message AM-08 3 drives identified 3 drives identified AM-09 Drive 80 is unprotected Drive 80 is unprotected AM-09 Drive 81 is unprotected Drive 81 is unprotected	Case SWB-33 PDBlc	k Version 2.10		
Test BCC	Tester Name:	PEB		
Test Software: SMET 1.0	Test Date:	Fri Aug 06 16:48:41 2004		
Bard Drives Drive 80, label 8A is a WDC WD200ER-00CSP0 with 39102336 sectors Drive 82, label 1F is a Quantum ATLASIOK3_18_SCA Drive with 35916548 sectors Bectors Bectors Bectors Bectors Sectors Bectors Bectors Bectors A:\tally13 A:\tally	Test PC:	Joe		
Drive 81, label 90 is a WDC WD3008B-00CAAD with \$5633344 sectors	Test Software:	SWBT 1.0		
# A:Vally13 A:Vpdblock 2 /fail A:Vast-hdl SNB-33 Joe PBB 8 8 90 1F A:Vsig-log SNB-33 Joe PBB 8 SNutdown Test PC Log File #Highlights: ## Monitor BIOS interrupt 13h (disk service) tally13 compiled on 07/29/03 at 07:28:05 Now (08/06/04 at 16:48:12) Going TSR #**** Install PDB Log ***** PDBlock Version 2.10: (P)Hysical (D)isk Write (BLOCK)er Drives Protected: 2 Return Code: FAILURE Bell: ON Message: ON Drive Mode Length Size (Mb)		Drive 81, label 90 is a WDC WD300BB-00CAA0 with 58633344 sectors Drive 82, label 1F is a Quantum ATLAS10K3_18_SCA Drive with 35916548		
Shutdown Test PC		A:\tally13 A:\pdblock 2 /fail A:\test-hdl SWB-33 Joe PEB r 8A 90 1F		
### Monitor Execution ***** Highlights:				
### Monitor BIOS interrupt 13h (disk service) tally13 compiled on 07/29/03 at 07:33:17 @(#) Version 1.1 Created 07/29/03 at 07:28:05 Now (08/06/04 at 16:48:12) Going TSR ****** Install PDB Log ***** PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er Drives Protected: 2 Return Code: FAILURE Bell: ON Message: ON Drive Mode Length Size (Mb) 0 LBA 35916548 17537 CHS 16434495 8024 1 LBA 39102336 19092 CHS 16434495 8024 2 LBA 58633344 28629 CHS 16434495 8024 ****** Test Harness Log ***** CMD: A:YTEST-HDL.EXE SWB-33 Joe PEB r 8A 90 IF Case: SWB-33 Command set: Read Date: Fri Aug 06 16:48:41 2004 Version: @(#) wb-defs.h Version 1.1 Created 08/23/03 at 10:13:51 @(#) wb-defs.h Version 1.2 Created 08/31/03 at 08:18:19 Compiled on Aug 31 2003 at 08:10:54 Operator: PEB Host: Joe Number of drives 3, Drives: 8A 90 IF Case Cnd Drv Action Stat Cry Count Cmd Name 0 SWB-33 <02> 80 Allowed 0000 Off 1 ReadSectors 1 SWB-33 <02> 80 Allowed 0000 off 1 ReadGong 2 SWB-33 <42> 80 Allowed 0000 off 1 ReadGong 2 SWB-33 <42> 80 Allowed 0000 off 1 ReadGong 2 SWB-33 <42> 80 Allowed 0000 off 1 ReadGong 2 SWB-33 <42> 80 Allowed 0000 off 1 ReadGong 2 SWB-33 <42> 80 Allowed 0000 off 1 ReadGong 2 SWB-33 <42> 80 Allowed 0000 off 1 ReadGong 2 SWB-33 <42> 80 Allowed 0000 off 1 ReadGong 2 SWB-33 <42> 80 Allowed 0000 off 1 ReadGong 2 SWB-33 <42> 80 Allowed 0000 off 1 ReadGong 2 SWB-33 <42> 80 Allowed 0000 off 1 ReadGong 2 SWB-33 <42> 80 Allowed 0000 off 1 ReadGong 2 SWB-33 <42> 80 Allowed 0000 off 1 ReadGong 2 SWB-33 <42> 80 Allowed 0000 off 1 ReadGong 3 SWB-33 <42> 80 Allowed 0000 off 1 ReadGong 4 SWB-33 <42> 80 Allowed 0000 off 1 ReadGong 5 SWB-33 <42> 80 Allowed 0000 off 1 ReadSectors 1 SWB-33 <42> 80 Allowed 0000 off 1 ReadSectors 1 SWB-33 <42> 80 Allowed 0000 off 1 ReadSectors 1 SWB-33 <42> 80 Allowed 0000 off 1 ReadSectors 1 SWB-33 <42> 80 Allowed 0000 off 1 ReadSectors 1 SWB-33 <42> 80 Allowed 0000 off 1 ReadSectors 1 SWB-33 <42> 80 Allowed 0000 off 1 ReadSectors 1 SWB-33 <42> 80 All	Log File			
Host: Joe Number of drives 3, Drives: 8A 90 1F Case Cmd Drv Action Stat Cry Count Cmd Name 0 SWB-33 <02> 80 Allowed 0000 0ff 1 ReadSectors 1 SWB-33 <0A> 80 Allowed 0000 0ff 1 ReadLong 2 SWB-33 <42> 80 Allowed 0000 0ff 1 ExtRead Results for SWB-33 category r on drive 80 No commands blocked (0 of 3 0 SWB-33 <0A> 81 Allowed 0000 0ff 1 ReadSectors 1 SWB-33 <0A> 81 Allowed 0000 0ff 1 ReadSectors 1 SWB-33 <0A> 81 Allowed 0000 0ff 1 ReadSectors 2 SWB-33 <42> 81 Allowed 0000 0ff 1 ReadSectors 1 SWB-33 <0A> 82 Allowed 0000 0ff 1 ReadSectors 1 SWB-33 <0A> 82 Allowed 0000 0ff 1 ReadSectors 1 SWB-33 <0A> 82 Allowed 0000 0ff 1 ReadLong 2 SWB-33 <42> 82 Allowed 0000 0ff 1 ReadLong 2 SWB-33 <42> 82 Allowed 0000 0ff 1 ReadLong 2 SWB-33 <42> 82 Allowed 0000 0ff 1 ExtRead Results for SWB-33 category r on drive 82 No commands blocked (0 of 3 Summary: 9 sent, 0 blocked, 9 not blocked ***** Signal Log ***** SIGNAL: n Results: Assertion Expected Results Actual Results AM-07 Tool active message Tool active message AM-08 3 drives identified 3 drives identified AM-09 Drive 80 is unprotected Drive 80 is unprotected AM-09 Drive 80 is unprotected Drive 81 is unprotected	_	Monitor BIOS interrupt 13h (disk service) tally13 compiled on 07/29/03 at 07:33:17 @(#) Version 1.1 Created 07/29/03 at 07:28:05 Now (08/06/04 at 16:48:12) Going TSR ******* Install PDB Log ***** PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er Drives Protected: 2 Return Code: FAILURE Bell: ON Message: ON Drive Mode Length Size (Mb)		
Number of drives 3, Drives: 8A 90 1F Case Cmd Drv Action Stat Cry Count Cmd Name 0 SWB-33 <02> 80 Allowed 0000 0ff 1 ReadSectors 1 SWB-33 <0A> 80 Allowed 0000 0ff 1 ReadLong 2 SWB-33 <42> 80 Allowed 0000 0ff 1 ExtRead Results for SWB-33 category r on drive 80 No commands blocked (0 of 3 0 SWB-33 <02> 81 Allowed 0000 0ff 1 ReadSectors 1 SWB-33 <0A> 81 Allowed 0000 0ff 1 ReadLong 2 SWB-33 <42> 81 Allowed 0000 0ff 1 ReadLong 2 SWB-33 <42> 81 Allowed 0000 0ff 1 ExtRead Results for SWB-33 category r on drive 81 No commands blocked (0 of 3 0 SWB-33 <42> 82 Allowed 0000 0ff 1 ReadSectors 1 SWB-33 <0A> 82 Allowed 0000 0ff 1 ReadLong 2 SWB-33 <42> 82 Allowed 0000 0ff 1 ReadLong 2 SWB-33 <42> 82 Allowed 0000 0ff 1 ExtRead Results for SWB-33 category r on drive 82 No commands blocked (0 of 3 Summary: 9 sent, 0 blocked, 9 not blocked ***** Signal Log ***** SIGNAL: n Results: AM-07 Tool active message Tool active message AM-08 3 drives identified 3 drives identified AM-09 Drive 80 is unprotected Drive 80 is unprotected AM-09 Drive 81 is unprotected Drive 81 is unprotected		Operator: PEB		
Case Cmd Drv Action Stat Cry Count Cmd Name 0 SWB-33 <02> 80 Allowed 0000 Off 1 ReadSectors 1 SWB-33 <04> 80 Allowed 0000 Off 1 ReadLong 2 SWB-33 <42> 80 Allowed 0000 Off 1 ExtRead Results for SWB-33 category r on drive 80 No commands blocked (0 of 3 0 SWB-33 <02> 81 Allowed 0000 Off 1 ReadLong 2 SWB-33 <02> 81 Allowed 0000 Off 1 ReadLong 2 SWB-33 <42> 81 Allowed 0000 Off 1 ReadLong 2 SWB-33 <42> 81 Allowed 0000 Off 1 ReadLong 2 SWB-33 <42> 81 Allowed 0000 Off 1 ReadSectors 1 SWB-33 <02> 82 Allowed 0000 Off 1 ReadSectors 1 SWB-33 <02> 82 Allowed 0000 Off 1 ReadSectors 1 SWB-33 <04> 82 Allowed 0000 Off 1 ReadLong 2 SWB-33 <42> 82 Allowed 0000 Off 1 ReadLong 2 SWB-33 <42> 82 Allowed 0000 Off 1 ReadLong 3 Summary: 9 sent, 0 blocked, 9 not blocked ****** Signal Log ***** SIGNAL: n Results: Assertion Expected Results Actual Results AM-07 Tool active message Tool active message AM-08 3 drives identified 3 drives identified AM-09 Drive 80 is unprotected Drive 80 is unprotected AM-09 Drive 81 is unprotected Drive 81 is unprotected				
Results: Assertion Expected Results AM-07 Tool active message Tool active message AM-08 3 drives identified 3 drives identified AM-09 Drive 80 is unprotected Drive 80 is unprotected AM-09 Drive 81 is unprotected Drive 81 is unprotected		Case Cmd Drv Action Stat Cry Count Cmd Name 0 SWB-33 <02> 80 Allowed 0000 Off 1 ReadSectors 1 SWB-33 <0A> 80 Allowed 0000 Off 1 ReadLong 2 SWB-33 <42> 80 Allowed 0000 Off 1 ExtRead Results for SWB-33 category r on drive 80 No commands blocked (0 of 3) 0 SWB-33 <02> 81 Allowed 0000 Off 1 ReadSectors 1 SWB-33 <0A> 81 Allowed 0000 Off 1 ReadLong 2 SWB-33 <42> 81 Allowed 0000 Off 1 ExtRead Results for SWB-33 category r on drive 81 No commands blocked (0 of 3) 0 SWB-33 <42> 81 Allowed 0000 Off 1 ReadSectors 1 SWB-33 <0A> 82 Allowed 0000 Off 1 ReadSectors 1 SWB-33 <0A> 82 Allowed 0000 Off 1 ReadSectors 2 SWB-33 <42> 82 Allowed 0000 Off 1 ReadLong 2 SWB-33 <42> 82 Allowed 0000 Off 1 ReadLong 2 SWB-33 <42> 82 Allowed 0000 Off 1 ReadLong 2 SWB-33 <42> 82 Allowed 0000 Off 1 ReadLong 2 SWB-33 <42> 82 Allowed 0000 Off 1 ExtRead Results for SWB-33 category r on drive 82 No commands blocked (0 of 3)		
AM-07 Tool active message Tool active message AM-08 3 drives identified 3 drives identified AM-09 Drive 80 is unprotected Drive 80 is unprotected AM-09 Drive 81 is unprotected Drive 81 is unprotected		3 3		
AM-08 3 drives identified 3 drives identified AM-09 Drive 80 is unprotected Drive 80 is unprotected AM-09 Drive 81 is unprotected Drive 81 is unprotected	Results:	Assertion Expected Results Actual Results		
AM-09 Drive 80 is unprotected Drive 80 is unprotected AM-09 Drive 81 is unprotected Drive 81 is unprotected		AM-07 Tool active message Tool active message		
AM-09 Drive 81 is unprotected Drive 81 is unprotected		AM-08 3 drives identified 3 drives identified		
AM-09 Drive 81 is unprotected Drive 81 is unprotected				
AM-09 Drive 82 is protected Drive 82 is protected				
AM-11 0 Commands return fail 0 Commands return fail				

Case SWB-33 PDBlock Version 2.10				
	AO-04	No cmds to drive 82 blocked	No cmds to drive 82 blocked	
	AO-07	No cmds to drive 80 blocked	No cmds to drive 80 blocked	
	AO-07	No cmds to drive 81 blocked	No cmds to drive 81 blocked	
	AO-10	No signal observed	No signal observed	
Analysis:	SWB-33 Expected results achieved			

	ock Version 2.10	
Case summary:	SWB-34 Install three drives, configure return code to success, protect	
	with pattern UPP, execute read commands.	
Assertions	SWB-AM-07. If the tool is executed then the tool shall issue a message	
Tested:	indicating that the tool is active.	
	SWB-AM-08. If the tool is executed then the tool shall issue a message	
	indicating all drives accessible by the covered interfaces.	
	SWB-AM-09. If the tool is executed then the tool shall issue a message	
	indicating the protection status of each drive attached to a	
	covered interface.	
	SWB-AM-10. If the tool is configured to return success on blocked	
	commands and the tool blocks a command then the return code shall	
	indicate successful command execution.	
	SWB-AO-04. If a subset of all covered drives is specified for	
	=	
	protection, then commands from the read category shall not be	
	blocked for drives in the selected subset.	
	SWB-AO-07. If a subset of all covered drives is specified for	
	protection, then no commands from any category shall be blocked for	
	drives not in the selected subset.	
	SWB-AO-10. If the tool blocks a command then the tool shall issue	
	either an audio or a visual signal.	
Tester Name:	PEB	
Test Date:	Fri Aug 06 16:54:28 2004	
Test PC:	Joe	
Test Software:	SWBT 1.0	
Hard Drives	Drive 80, label 8A is a WDC WD200EB-00CSF0 with 39102336 sectors	
Used:	Drive 81, label 90 is a WDC WD300BB-00CAA0 with 58633344 sectors	
obea	Drive 82, label 1F is a Quantum ATLAS10K3_18_SCA Drive with 35916548	
	sectors	
Commands		
executed:	Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222] A:\tally13 A:\pdblock 12 A:\test-hdl SWB-34 Joe PEB r 8A 90 1F A:\sig-log SWB-34 Joe PEB	
executed.		
	Shutdown Test PC	
Log File	**** Monitor Execution ****	
Highlights:	Monitor BIOS interrupt 13h (disk service)	
	tally13 compiled on 07/29/03 at 07:33:17	
	@(#) Version 1.1 Created 07/29/03 at 07:28:05	
	Now (08/06/04 at 16:53:59) Going TSR	
	***** Install PDB Log *****	
	PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er	
	Drives Protected: 1,2	
	Return Code: SUCCESS	
	Bell: ON	
	Message: ON	
	Drive Mode Length Size (Mb)	
	0 LBA 35916548 17537	
	CHS 16434495 8024	
	1 LBA 39102336 19092	
	CHS 16434495 8024	
	2 LBA 58633344 28629	
	CHS 16434495 8024	
	***** Test Harness Log *****	
	CMD: A:\TEST-HDL.EXE SWB-34 Joe PEB r 8A 90 1F	
	Case: SWB-34	
	Command set: Read	
	Date: Fri Aug 06 16:54:28 2004	
	Version: @(#) test-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51	
	@(#) wb-defs.h Version 1.2 Created 08/31/03 at 08:18:19	
	Compiled on Aug 31 2003 at 08:10:54	

Case SWB-34 PDBlo	ock Version 2	.10	
	Operator: P	EB	
	Host: Joe		
	Number of drives 3, Drives: 8A 90 1F		
		Cmd Drv Action Stat Cry Count	
		<02> 80 Allowed 0000 Off	
	1 SWB-34	<0A> 80 Allowed 0000 Off	l ReadLong
		<42> 80 Allowed 0000 Off	
			No commands blocked (0 of 3)
		<02> 81 Allowed 0000 Off	
		<0A> 81 Allowed 0000 Off	
		<42> 81 Allowed 0000 Off	
			l No commands blocked (0 of 3)
		<02> 82 Allowed 0000 Off	
	1 SWB-34	<0A> 82 Allowed 0000 Off <42> 82 Allowed 0000 Off	ReadLong
	Results for SWB-34 category r on drive 82 No commands blocked (0 of 3) Summary: 9 sent, 0 blocked, 9 not blocked		
	Summary. 9	selic, o blocked, y hot blocked	1
	**** Signa	l Loa ****	
	SIGNAL: n	5	
Results:	Assertion	Expected Results	Actual Results
	AM-07	Tool active message	Tool active message
	AM-08	3 drives identified	3 drives identified
	AM-09	Drive 80 is unprotected	Drive 80 is unprotected
	AM-09	Drive 81 is protected	Drive 81 is protected
	AM-09	Drive 82 is protected	Drive 82 is protected
	AM-10	0 Commands return success	0 Commands return success
	AO-04	No cmds to drive 81 blocked	No cmds to drive 81 blocked
	AO-04	No cmds to drive 82 blocked	No cmds to drive 82 blocked
	AO-07	No cmds to drive 80 blocked	No cmds to drive 80 blocked
	AO-10	No signal observed	No signal observed
Analysis:	SWB-34 Expe	cted results achieved	

	ock Version 2.10
Case summary:	SWB-35 Install three drives, configure return code to failure, protect
	with pattern PUP, execute read commands.
Assertions	SWB-AM-07. If the tool is executed then the tool shall issue a message
Tested:	indicating that the tool is active.
	SWB-AM-08. If the tool is executed then the tool shall issue a message indicating all drives accessible by the covered interfaces.
	SWB-AM-09. If the tool is executed then the tool shall issue a message
	indicating the protection status of each drive attached to a covered interface.
	SWB-AM-11. If the tool is configured to return fail on blocked commands
	and the tool blocks a command then the return code shall indicate unsuccessful command execution.
	SWB-AO-04. If a subset of all covered drives is specified for
	protection, then commands from the read category shall not be
	blocked for drives in the selected subset.
	SWB-AO-07. If a subset of all covered drives is specified for
	protection, then no commands from any category shall be blocked for
	drives not in the selected subset.
	SWB-AO-10. If the tool blocks a command then the tool shall issue
	either an audio or a visual signal.
Tester Name:	PEB
Test Date:	Fri Aug 06 16:59:02 2004
Test PC:	Joe
Test Software:	SWBT 1.0
Hard Drives	Drive 80, label 8A is a WDC WD200EB-00CSF0 with 39102336 sectors
Used:	Drive 81, label 90 is a WDC WD300BB-00CAA0 with 58633344 sectors
	Drive 82, label 1F is a Quantum ATLAS10K3_18_SCA Drive with 35916548
	sectors
Commands	Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222]
executed:	A:\tally13
	A:\pdblock 02 /fail
	A:\test-hdl SWB-35 Joe PEB r 8A 90 1F
	A:\sig-log SWB-35 Joe PEB

0000 2112 00 12210	ock Version 2.	.10		
	Shutdown Tes			
Log File		or Execution ****		
Highlights:	Monitor BIOS interrupt 13h (disk service)			
	tally13 compiled on 07/29/03 at 07:33:17			
	@(#) Version 1.1 Created 07/29/03 at 07:28:05			
	,	04 at 16:58:32) Going 1		
		ll PDB Log *****		
		sion 2.10: (P)hysical (D)isk V	Write (BLOCK)er	
	Drives Prote		(220011) 01	
	Return Code			
	Bell:	ON		
	Message:			
	Drive Mode			
	0 LB2			
	CHS			
	1 LBA			
	CHS			
	2 LBA	:		
	!	5 16434495 8024		
	,	Harness Log ****		
		T-HDL.EXE SWB-35 Joe PEB r 8A	90 1F	
	Case: SWB-35		90 IF	
	Command set			
		. Read ug 06 16:59:02 2004		
	Date. FII A	19 00 10:59:02 2004		
	Vergion: @/	#\ togt hdl app Voyaion 1 1 Cr	200+0d 00/22/02 o+ 10:12:E1	
		#) test-hdl.cpp Version 1.1 Cr		
		wb-defs.h Version 1.2 Create		
	Compiled on Aug 31 2003 at 08:10:54 Operator: PEB			
	-	ž.b		
	Host: Joe			
	Number of drives 3, Drives: 8A 90 1F Case Cmd Drv Action Stat Cry Count Cmd Name			
		-		
	0 SWB-35 <02> 80 Allowed 0000 Off 1 ReadSectors 1 SWB-35 <0A> 80 Allowed 0000 Off 1 ReadLong 2 SWB-35 <42> 80 Allowed 0000 Off 1 ExtRead Results for SWB-35 category r on drive 80 No commands blocked (0 of 0 SWB-35 <02> 81 Allowed 0000 Off 1 ReadSectors			
	1 SWB-35 4	<pre><0A> 81 Allowed 0000 Off</pre>	ReadLong	
	2 SWB-35 <42> 81 Allowed 0000 Off 1 ExtRead			
	Results for SWB-35 category r on drive 81 No commands blocked (0 of 3)			
	0 SWB-35 <02> 82 Allowed 0000 Off 1 ReadSectors			
	1 SWB-35 <0A> 82 Allowed 0000 Off 1 ReadLong			
	2 SWB-35 <42> 82 Allowed 0000 Off 1 ExtRead			
	Results for SWB-35 category r on drive 82 No commands blocked (0 of 3)			
	Summary: 9 s	sent, 0 blocked, 9 not blocked	l	
	***** Signal	Log ****		
	SIGNAL: n			
Results:	Assertion	Expected Results	Actual Results	
	AM-07	Tool active message	Tool active message	
	AM-08	3 drives identified	3 drives identified	
	AM-09	Drive 80 is protected	Drive 80 is protected	
	AM-09	Drive 81 is unprotected	Drive 81 is unprotected	
	AM-09	Drive 82 is protected	Drive 82 is protected	
	AM-11	0 Commands return fail	0 Commands return fail	
	AO-04	No cmds to drive 80 blocked	No cmds to drive 80 blocked	
	AO-04	No cmds to drive 82 blocked	No cmds to drive 82 blocked	
İ				
	1 1 10 - 07		No amag to drive VI bloaked I	
	AO-07	No cmds to drive 81 blocked	No cmds to drive 81 blocked	
Analysis:	AO-10	No signal observed cted results achieved	No cmds to drive 81 blocked No signal observed	

Case SWB-36 PDBlock Version 2.10		
Case summary:	SWB-36 Install three drives, configure return code to success, protect	
	with pattern PPU, execute read commands.	
Assertions	SWB-AM-07. If the tool is executed then the tool shall issue a message	
Tested:	indicating that the tool is active.	
	SWB-AM-08. If the tool is executed then the tool shall issue a message	

Case SWB-36 PDBLock Version 2.10 indicating all drives accessible by the covered interfaces. SWB-AN-09. If the tool is executed then the tool shall issue a message indicating the protection status of each drive attached to a covered interface. SWB-AN-10. If the tool is configured to return success on blocked commands and the tool blocks a command then the return code shall indicate successful command execution. SWB-AN-04. If a subset of all covered drives is specified for protection, then commands from the read category shall not be blocked for drives in the read category shall not be blocked for drives in the commands from specified for protection, then no commands from any category shall be blocked for drives not in the selected subset. SWB-AO-10. If the tool blocks a command then the tool shall issue either an audio or a visual signal. Tester Name: Tester Name: PEB Test Date: Fri Aug 06 17:03:16 2004 Test Software: SWBT 1.0 Hard Drives Drive 81, label 90 is a WDC WD200EB-0CCSPO with 39102336 sectors Drive 82, label 1F is a Quantum ATLASIOK3_18_SCA Drive with 35916548 sectors 2 2.1 abel 1F is a Quantum ATLASIOK3_18_SCA Drive with 35916548 sectors 2 2.1 abel 1F is a Quantum ATLASIOK3_18_SCA Drive with 35916548 sectors 2 2.1 abel 1F is a Quantum ATLASIOK3_18_SCA Drive with 35916548 sectors 2 2.1 abel 17 is a Quantum ATLASIOK3_18_SCA Drive with 35916548 sectors 2 2.1 abel 17 is a Quantum ATLASIOK3_18_SCA Drive with 35916548 sectors 2 2.1 abel 17 is a Quantum ATLASIOK3_18_SCA Drive with 35916548 sectors 3 2.1 abel 20 2.				
SNB-AM-09. If the tool is executed then the tool shall issue a message indicating the protection status of each drive attached to a covered interface. SNB-AM-10. If the tool is configured to return success on blocked commands and the tool blocks a command then the return code shall indicate successful command execution. SNB-AO-04. If a subset of all covered drives is specified for protection, then commands from the read category shall not be blocked for drives in the selected subset. SNB-AO-07. If a subset of all covered drives is specified for protection, then no commands from any category shall be blocked for drives in the selected subset. SNB-AO-07. If a busbet of all covered drives is specified for protection, then no commands from any category shall be blocked for drives not in the selected subset. SNB-AO-10. If the tool blocks a command then the tool shall issue either an audio or a visual signal. Test PET Date: Test Date: PET Aug 06 17:03:16 2004 Test Software: SNB-1.0 Drive 80, label 8A is a NDC ND200EB-00CSFO with 39102336 sectors brive 82, label 19 is a Quantum ATLAS1083_16_SCA Drive with 39916548 sectored brives 81, label 90 is a NDC ND300EB-00CSFO with 39102336 sectors brive 82, label 19 is a Quantum ATLAS1083_16_SCA Drive with 39916548 sectored brives 10 is a NDC ND300EB-00CSFO with 39102336 sectors brive 82, label 19 is a Quantum ATLAS1083_16_SCA Drive with 39916548 sectored brives 10 is a NDC ND300EB-00CSFO with 39102336 sectors brives 83 for PEB Shutdown Test PC Log File Log File Sweethed: A:\text{Nonitor Execution *****} Monitor BIOS interrupt 13h (disk service) Monitor BIOS interrupt 13h (disk service) Monitor BIOS interrupt 13h (disk service) Test PC Log File PC Log Command at 07:203 at 07:28:05 Now (08/06/04 at 17:02:46) (Gring TSR ****** Install PDB Log ***** PDBLock Version 2.10: (Plhysical (Disk Write (BLOCK)er Drive Protected: 0.1 Return Code: SUCCESS Bell: ON Bessage: ON Drive Mode Length Size (Mb) O LBA S5916548 17:03:16 2004 Version: etc. Le	Case SWB-36 PDBlo			
indicating the protection status of each drive attached to a covered interface. SIMB-ANH-10. If the tool is configured to return success on blocked commands and the tool blocks a command then the return code shall indicate successful command execution. SIMB-AD-04. If a subset of all covered drives is specified for protection, then commands from the read category shall not be blocked for drives in the selected subset. SIMB-AD-07. If a subset of all covered drives is specified for protection, then no commands from any category shall be blocked for drives not in the selected subset. SIMB-AD-10. If the tool blocks a command then the tool shall issue either an audio or a visual signal. Test PC: Joe Test Software: NBET 1.0 Hard Drives Drive 80, label 8A is a WDC ND200EB-00CSF0 with 39102336 sectors Drive 81, label 90 is a WDC ND300BB-00CAAD with 58633344 sectors Drive 82, label 1P is a Quantum ATHASIDAS_LB_SCD Drive with 35916548 sectors Drive 81, label 90 is a WDC ND300BB-00CAAD with 58633344 sectors Drive 82, label 1P is a Quantum ATHASIDAS_LB_SCD Drive with 35916548 sectors Drive 81, label 90 is a WDC ND300BB-00CAAD with 58633344 sectors Drive 82, label 1P is a Quantum ATHASIDAS_LB_SCD Drive with 35916548 sectors Sectors Drive 81, label 90 is a WDC ND300BB-00CAAD with 58633344 sectors Drive 82, label 1P is a Quantum ATHASIDAS_LB_SCD Drive with 35916548 sectors Sectors Sectors Drive 81, label 90 is a WDC ND300BB-00CAAD with 58633344 sectors Drives Protected on CPUSP 30 at 07:33:17 (Commands Sectors 1PC Company 30 at 07:33:17 (Commands 1PC Company 30				
covered interface. SNB-AN-10. If the tool is configured to return success on blocked commands and the tool blocks a command then the return code shall indicate successful command execution. SNB-AD-04. If a subset of all covered drives is specified for protection, then commands from the read category shall not be blocked for drives in the selected subset. SNB-AD-07. If a subset of all covered drives is specified for protection, then no commands from any category shall be blocked for drives not in the selected subset. SNB-AD-07. If the tool blocks a command then the tool shall issue either an audio or a visual signal. Tester Name: PEB Test Date: FI Aug 06 17:03:16 2004 Test Software: SNB-XD-10. Bard Drives Drive 80, label 84 is a WDC WD200EB-00CSFO with 39102336 sectors Drive 82, label 19 is a WDC WD300EB-00CARO with 58633344 sectors Drive 82, label 19 is a Quantum ATTAS10K3_18_SCA Drive with 35916548 sectors Commands SOCT Test FC to (DOS 7.1) Windows 98 [Version 4.10.2222] Alvhally13 Alvha				
SWB-AM-10. If the tool is configured to return success on blocked commands and the tool blocks a command then the return code shall indicate successful command error drives is specified for protection, then commands from the read category shall not be blocked for drives in the selected subset. SWB-AO-07. If a subset of all covered drives is specified for protection, then no commands from any category shall be blocked for drives not in the selected subset. SWB-AO-10. If the tool blocks a command then the tool shall issue either an audio or a visual signal. Tester Name: PEB Test Date: Fri Aug 06 17:03:16 2004 Test Software: Hard Drives Used: Drives 80, label 8A is a NDC WD200EB-00CSF0 with 39102336 sectors Drives 81, label 90 is a NDC WD200EB-00CAAO with 58633344 sectors Drive 82, label 1F is a Quantum ATLAG10K2_18_SCA Drive with 35916548 sectors Commands Executed: A:\tally13 A:\pdblock 10 A:\tast-hdl SWB-36 Joe PEB r 8A 90 IP A:\tally13 A:\pdblock 10 A:\tast-hdl SWB-36 Joe PEB r 8A 90 IP A:\tally13 compiled on 07/29/03 at 07:28:05 Now (08)06/04 at 17:02:46) Going TSR ****** Install PDB Log ****** DBDlock Version 1.1 Created 07/29/03 at 07:28:05 Now (08)06/06 at 17:02:160 Going TSR ******* Install PDB Log ***** DBDlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er Drives Protected: 0.1 Return Code: SUCCESS Bell: ON Message: Mode Length Size (Mb) O LEB 16434495 8024 2 CASE: SWB-36 Command set: Read Date: Fri Aug 06 17:03:16 2004 Version: e(He) Lest-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51 @Cmp1led on Aug 31 2003 at 08:10:54 Operator: PEB Host: Joe Number of drives 3, Drives: 8A 90 IF Case: SWB-36 402 80 Allowed 0000 off 1 ReadSectors 1 SWB-36 402 80 Allowed 0000 off 1 ExtRead		· -		
commands and the tool blocks a command then the return code shall indicate successful command execution. SWB-AO-04. If a subset of all covered drives is specified for protection, then commands from the read category shall not be blocked for drives in the selected subset. SWB-AO-07. If a subset of all covered drives is specified for protection, then no commands from any category shall be blocked for drives not in the selected subset. SWB-AO-10. If the tool blocks a command then the tool shall issue either an audio or a visual signal. Tester Name: PEB Test Date: Joe Test Software: Joe Test Software: Drive 80, label 8A is a WDC WD200EB-00CSF0 with 3910236 sectors Drive 82, label 1F is a Quantum ATLAS10K3_18_SCA Drive with 35916548 sectors Drive 82, label 1F is a Quantum ATLAS10K3_18_SCA Drive with 35916548 sectors Drive 82, label 1F is a Quantum ATLAS10K3_18_SCA Drive with 35916548 sectors Drive 82, sabel 1F is a Quantum ATLAS10K3_18_SCA Drive with 35916548 sectors Drive 82, sabel 1F is a Quantum ATLAS10K3_18_SCA Drive with 35916548 sectors Drive 82, sabel 1F is a Quantum ATLAS10K3_18_SCA Drive with 35916548 sectors Drive 82, sabel 1F is a Quantum ATLAS10K3_18_SCA Drive with 35916548 sectors Drive 82, sabel 1F is a Quantum ATLAS10K3_18_SCA Drive with 35916548 sectors Drive 82, sabel 1F is a Quantum ATLAS10K3_18_SCA Drive with 35916548 sectors Drive 82, sabel 1F is a Quantum ATLAS10K3_18_SCA Drive with 35916548 sectors Drive 82, sabel 1F is a Quantum ATLAS10K3_18_SCA Drive with 35916548 sectors A:\tally13_completed if the prive sectors of the prive				
indicate successful command execution. SWD-AD-04. If a subset of all covered drives is specified for protection, then commands from the read category shall not be blocked for drives in the selected subset. SWD-AD-07. If a subset of all covered drives is specified for protection, then no commands from any category shall be blocked for drives not in the selected subset. SWD-AD-10. If the tool blocks a command then the tool shall issue either an audio or a visual signal. Tester Name: PER Test Date: Fri Aug 06 17:03:16 2004 Test Software: SWBT 1.0 Bard Drives Used: Drive 80, label 8A is a WDC WD200EB-0DCSFO with 39102336 sectors Used: Drive 81, label 90 is a WDC WD200EB-0DCSFO with 39102336 sectors Used: Drive 81, label 1F is a Quantum ATTAS10K3_18_SCA Drive with 35916548 sectors Drive 82, label 1F is a Quantum ATTAS10K3_18_SCA Drive with 35916548 sectors Drive 82, label 1F is a Quantum ATTAS10K3_18_SCA Drive with 35916548 sectors Drive 83, Abel 1F is a Quantum ATTAS10K3_18_SCA Drive with 35916548 sectors Drive 84, Astally13 A:\pdblock 01 A:\test-hdl SWB-36 Joe PEB r 8A 90 1F A:\sig-log SWB-36 Joe PEB r 8A 90 1F CWB-3 AUG				
SWB-AO-04. If a subset of all covered drives is specified for protection, then commands from the read category shall not be blocked for drives in the selected subset.				
protection, then commands from the read category shall not be blocked for drives in the selected subset.				
Dlocked for drives in the selected subset.				
SWB-AO-07. If a subset of all covered drives is specified for protection, then no commands from any category shall be blocked for drives not in the selected subset.				
protection, then no commands from any category shall be blocked for drives not in the selected subset. SWB-AO-10. If the tool blocks a command then the tool shall issue either an audio or a visual signal. Test PC:				
drives not in the selected subset.				
### East Date: Fri Aug 06 17:03:16 2004 Test DC: Joe Test DC: Joe Test Software: SMBT 1.0 Hard Drives Drive 80, label 8A is a NDC WD200EB-00CSF0 with 39102336 sectors Drive 81, label 90 is a NDC WD200EB-00CAA0 with 58633344 sectors Drive 82, label 1F is a Quantum ATLAS10K3_18_SCA Drive with 35916548 sectors Commands Boot Test FC to (DOS 7.1) Windows 98 [Version 4.10.2222] A:\tally13 A:\pdblock 01 A:\test-hdl SWB-36 Joe PEB r 8A 90 1F A:\sig-log SWB-36 Joe PEB Shutdown Test PC Log File ###* Monitor BIOS interrupt 13h (disk service) tally13 compiled on 07/29/03 at 07:33:17 ### (#) Version 1.1 Created 07/29/03 at 07:28:05 Now (08/05/04 at 17:02:46) Going TSR ***** Install PDB Log ***** PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er Drives Protected: 0,1 Return Code: SUCCES Bell: ON Message: ON Drive Mode Length Size (Mb) 0 LBA 35916548 17537 CHS 16434495 8024 1 LBA 39102336 19092 CHS 16434495 8024 2 LBA 56633344 28629 CHS 16434495 8024 2 LBA 56633344 28629 CHS 16434495 8024 ***** Test Harness Log ***** CMD: A:\TEST-HDL EXE SWB-36 Joe PEB r 8A 90 1F Case: SWB-36 (28 WB de 1) 1.0 Created 08/23/03 at 10:13:51 ### (#) wb-defs.h Version 1.2 Created 08/31/03 at 08:18:19 Compiled on Aug 31 2003 at 08:10:54 Operator: PEB Host: Joe Number of drives 3, Drives: 8A 90 1F Case Cmd Drv A Action Stat Cry Count Cmd Name 0 SWB-36 <02> 80 Allowed 0000 0ff 1 ReadLong 2 SWB-36 <02> 80 Allowed 0000 0ff 1 ReadLong 2 SWB-36 <02> 80 Allowed 0000 0ff 1 ReadLong 2 SWB-36 <02> 80 Allowed 0000 0ff 1 ReadLong 2 SWB-36 <02> 80 Allowed 0000 0ff 1 ReadLong				
TestEx Name: PEB Test Date: Fri Aug 06 17:03:16 2004 Test PC: Joe Test Software: SWBT 1.0 Test Software: Drive 80, label 8A is a WDC WD200EB-00CSF0 with 39102336 sectors Drive 81, label 90 is a WDC WD200EB-00CSF0 with 39102336 sectors Drive 81, label 1F is a Quantum ATLAS10K3_18_SCA Drive with 35916548 sectors Commands Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222] A:\tally13 A:\poblock 01 A:\tally13 A:\poblock 01 A:\test-hdl SWB-36 Joe PEB r 8A 90 1F A:\sigl-log SWB-36 Joe PEB Shutdown Test PC Log File Highlights: Monitor BROS Interrupt 13h (disk service) tally13 compiled on 07/29/03 at 07:28:05 Now (08/06/04 at 17:02:46) Going TSR ***** Install PDB Log ***** PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er Drives Protected: 0,1 Return Code: SUCCESS Bell: ON Message: ON Drive Mode Length Size (Mb) O LBA 35916548 17537 CHS 16434495 8024 1 LBA 39102336 19092 CHS 16434495 8024 2 LBA 58633344 28629 CHS 16434495 8024 ***** Test Harness Log ***** CMD: A:\TEST-HDL EXE SWB-36 Joe PEB r 8A 90 1F Case: SWB-36 Command set: Read Date: Fri Aug 06 17:03:16 2004 Version: @(#) test-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51 @(#) wb-defs.h Version 1.2 Created 08/31/03 at 08:18:19 Compiled on Aug 31 2003 at 08:10:54 Operator: FEB Host: Joe Number of drives 3, Drives: 8A 90 1F Case Cmd Dra Action Stat Cry Count Cmd Name O SWB-36 <02> 80 Allowed 0000 Off 1 ReadSectors 1 SWB-36 <02> 80 Allowed 0000 Off 1 ReadLong 2 SWB-36 <02> 80 Allowed 0000 Off 1 ReadLong		SWB-AO-10. If the tool blocks a command then the tool shall issue		
Test Date: Fri Aug 06 17:03:16 2004 Test PC: Joe Test Software: SMBT 1.0 Hard Drives Used: Drive 80, label 8A is a WDC WD200EB-00CSF0 with 39102336 sectors Drive 81, label 90 is a WDC WD300BB-00CAA0 with 58633344 sectors Drive 82, label 1F is a Quantum ATLAS10K3_18_SCA Drive with 35916548 sectors Commands Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222] A:\table 1		either an audio or a visual signal.		
Test PC:	Tester Name:	PEB		
Test Software: SWBT 1.0	Test Date:	Fri Aug 06 17:03:16 2004		
Drive 80, label 8A is a WDC WD200EB-00CSF0 with 39102336 sectors	Test PC:	Joe		
Drive 81, label 90 is a WDC WD300BB-00CAA0 with 58633344 sectors	Test Software:	SWBT 1.0		
Drive 82, label 1F is a Quantum ATLAS10K3_18_SCA Drive with 35916548 sectors Commands Executed: Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222] A:\tally13 A:\test_bdlock 01 A:\test_bdlock 01 A:\test_bdlock 05 A:\sig-log SWB-36 Joe PEB r 8A 90 1F A:\sig-log SWB-36 Joe PEB shutdown Test PC Log File ******* Monitor Execution ***** Highlights: Monitor BIOS interrupt 13h (disk service) tally13 compiled on 07/29/03 at 07:33:17 e(#) Version 1.1 Created 07/29/03 at 07:28:05 Now (08/06/04 at 17:02:46) Going TSR ****** Install PDB Log ***** PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er Drives Protected: 0,1 Return Code: Success Bell: ON Message: ON Drive Mode Length Size (Mb) 0 LBA 35916548 17537 CHS 16434495 8024 1 LBA 39102336 19092 CHS 16434495 8024 2 LBA 58633344 28629 CHS 16434495 8024 2 LBA 58633344 28629 CHS 16434495 8024 ****** Test Harness Log ***** CMD: A:\TEST-HDL.EXE SWB-36 Joe PEB r 8A 90 1F Case: SWB-36 Command set: Read Date: Fri Aug 06 17:03:16 2004 Version: @(#) wb-defs.h Version 1.1 Created 08/23/03 at 10:13:51 @(#) wb-defs.h Version 1.2 Created 08/31/03 at 08:18:19 Compiled on Aug 31 2003 at 08:10:54 Operator: PEB Host: Joe Number of drives 3, Drives: 8A 90 1F Case Cnd Drv Action Stat Cry Count Cnd Name 0 SWB-36 <02> 80 Allowed 0000 0ff 1 ReadSectors 1 SWB-36 <02> 80 Allowed 0000 0ff 1 ReadLong 2 SWB-36 <42> 80 Allowed 0000 0ff 1 ReadLong		Drive 80, label 8A is a WDC WD200EB-00CSF0 with 39102336 sectors		
Sectors Commands Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222] A:\tally13 A:\tablock 01 A:\test-hdl SWB-36 Joe PEB r 8A 90 1F A:\sig-log SWB-36 Joe PEB Shutdown Test PC Log File Highlights: Monitor BIOS interrupt 13h (disk service) tally13 compiled on 07/29/03 at 07:33:17 @(#) Version 1.1 Created 07/29/03 at 07:28:05 Now (08/06/04 at 17:02:46) Going TSR ***** Install PDB Log ***** PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er Drives Protected: 0.1 Return Code: SUCCESS Bell: ON Message: ON Drive Mode Length Size (Mb) 0 LBA 35916548 17537	Used:			
Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222] A:\tallyl3		— — — — — — — — — — — — — — — — — — —		
## A:\tally13				
A:\pdblck 01 A:\test-hdl SWB-36 Joe PEB r 8A 90 1F A:\sig-log SWB-36 Joe PEB Shutdown Test PC Log File #### Monitor Execution ***** Monitor BIOS interrupt 13h (disk service) tally13 compiled on 07/29/03 at 07:33:17 @(#) Version 1.1 Created 07/29/03 at 07:28:05 Now (08/06/04 at 17:02:46) Going TSR ****** Install PDB Log ***** PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er Drives Protected: 0,1 Return Code: SUCCESS Bell: ON Message: ON Drive Mode Length Size (Mb) 0 LBA 35916548 17537 CHS 16434495 8024 1 LBA 39102336 19092 CHS 16434495 8024 2 LBA 58633344 28629 CHS 16434495 8024 2 LBA 58633344 28629 CHS 16434495 8024 ******* Test Harness Log ***** CMD: A:\TEST-HDL.EXE SWB-36 Joe PEB r 8A 90 1F Case: SWB-36 Command set: Read Date: Fri Aug 06 17:03:16 2004 Version: @(#) wb-defs.h Version 1.2 Created 08/23/03 at 10:13:51 @(#) wb-defs.h Version 1.2 Created 08/31/03 at 08:18:19 Compiled on Aug 31 2003 at 08:10:54 Operator: PEB Host: Joe Number of drives 3, Drives: 8A 90 1F Case Cmd Drv Action Stat Cry Count Cmd Name 0 SWB-36 <02* 80 Allowed 0000 Off				
A:\sig-log SWB-36 Joe PEB r 8A 90 1F A:\sig-log SWB-36 Joe PEB Shutdown Test PC Log File ***** Monitor Execution ***** Mighlights: Monitor BIOS interrupt 13h (disk service) tally13 compiled on 07/29/03 at 07:33:17 @(#) Version 1.1 Created 07/29/03 at 07:28:05 Now (08/06/04 at 17:02:46) Going TSR ***** Install PDB Log ***** PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er Drives Protected: 0,1 Return Code: SUCCESS Bell: ON Message: ON Drive Mode Length Size (Mb)	executed:	Version 2		
A:\sig-log SWB-36 Joe PEB Shutdown Test PC Log File Highlights: Monitor Execution ***** Monitor BIOS interrupt 13h (disk service) tally13 compiled on 07/29/03 at 07:33:17 @(#) Version 1.1 Created 07/29/03 at 07:28:05 Now (08/06/04 at 17:02:46) Going TSR ****** Install PDB Log ****** PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er Drives Protected: 0,1 Return Code: SUCCESS Bell: ON Message: ON Drive Mode Length Size (Mb) 0 LBA 35916548 17537 CHS 16434495 8024 1 LBA 39102336 19092 CHS 16434495 8024 2 LBA 58633344 28629 CHS 16434495 8024 2 LBA 16434495 8024 2 LBA 16434495 8024 2 LBA 58633344 28629 CHS 16434495 8024 ***** Test Harness Log ****** CMD: A:\Test-HDL.EXE SWB-36 Joe PEB r 8A 90 1F Case: SWB-36 Command set: Read Date: Fri Aug 06 17:03:16 2004 Version: @(#) test-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51		-		
Shutdown Test PC				
The companies				
### Monitor BIOS interrupt 13h (disk service) tally13 compiled on 07/29/03 at 07:33:17 (##) Version 1.1 Created 07/29/03 at 07:28:05 Now (08/06/04 at 17:02:46) Going TSR ****** Install PDB Log ***** PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er Drives Protected: 0,1 Return Code: SUCCESS Bell: ON Message: ON Drive Mode Length Size (Mb) 0 LBA 35916548 17537 CHS 16434495 8024 1 LBA 39102336 19092 CHS 16434495 8024 2 LBA 58633344 28629 CHS 16434495 8024 2 LBA 58633344 28629 CHS 16434495 8024 ****** Test Harness Log ***** CMD: A:\TEST-HDL.EXE SWB-36 Joe PEB r 8A 90 1F Case: SWB-36 Command set: Read Date: Fri Aug 06 17:03:16 2004 Version: @(#) test-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51 @(#) wb-defs.h Version 1.2 Created 08/31/03 at 08:18:19 Compiled on Aug 31 2003 at 08:10:54 Operator: PEB Host: Joe Number of drives 3, Drives: 8A 90 1F Case Cmd Drv Action Stat Cry Count Cmd Name 0 SWB-36 <02> 80 Allowed 0000 Off	Log File			
tally13 compiled on 07/29/03 at 07:33:17	-			
@(#) Version 1.1 Created 07/29/03 at 07:28:05 Now (08/06/04 at 17:02:46) Going TSR ***** Install PDB Log ***** PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er Drives Protected: 0,1 Return Code: SUCCESS Bell: ON Message: ON Drive Mode Length Size (Mb) 0 LBA 35916548 17537 CHS 16434495 8024 1 LBA 39102336 19092 CHS 16434495 8024 2 LBA 58633344 28629 CHS 16434495 8024 2 LBA 58633344 28629 CHS 16434495 8024 ***** Test Harness Log ***** CMD: A:\TEST-HDL.EXE SWB-36 Joe PEB r 8A 90 1F Case: SWB-36 Command set: Read Date: Fri Aug 06 17:03:16 2004 Version: @(#) test-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51 @(#) wb-defs.h Version 1.2 Created 08/31/03 at 08:18:19 Compiled on Aug 31 2003 at 08:10:54 Operator: PEB Host: Joe Number of drives 3, Drives: 8A 90 1F Case Cmd Drv Action Stat Cry Count Cmd Name 0 SWB-36 <02> 80 Allowed 0000 Off				
Now (08/06/04 at 17:02:46) Going TSR ****** Install PDB Log ***** PDBBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er Drives Protected: 0,1 Return Code: SUCCESS Bell: ON Message: ON Drive Mode Length Size (Mb)				
PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er Drives Protected: 0,1 Return Code: SUCCESS Bell: ON Message: ON Drive Mode Length Size (Mb) 0 LBA 35916548 17537 CHS 16434495 8024 1 LBA 39102336 19092 CHS 16434495 8024 2 LBA 58633344 28629 CHS 16434495 8024 ****** Test Harness Log ***** CMD: A:\TEST-HDL.EXE SWB-36 Joe PEB r 8A 90 1F Case: SWB-36 Command set: Read Date: Fri Aug 06 17:03:16 2004 Version: @(#) best-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51 @(#) wb-defs.h Version 1.2 Created 08/31/03 at 08:18:19 Compiled on Aug 31 2003 at 08:10:54 Operator: PEB Host: Joe Number of drives 3, Drives: 8A 90 1F Case Cmd Drv Action Stat Cry Count Cmd Name 0 SWB-36 <02> 80 Allowed 0000 Off 1 ReadSectors 1 SWB-36 <02> 80 Allowed 0000 Off 1 ReadScotors 1 SWB-36 <04> 80 Allowed 0000 Off 1 ReadScotors 1 SWB-36 <0A> 80 Allowed 0000 Off 1 ReadScotors 1 SWB-36 <0A> 80 Allowed 0000 Off 1 ReadScotors				
Drives Protected: 0,1 Return Code: SUCCESS Bell: ON Message: ON Drive Mode Length Size (Mb) 0 LBA 35916548 17537 CHS 16434495 8024 1 LBA 39102336 19092 CHS 16434495 8024 2 LBA 58633344 28629 CHS 16434495 8024 ***** Test Harness Log ***** CMD: A:\TEST-HDL.EXE SWB-36 Joe PEB r 8A 90 1F Case: SWB-36 Command set: Read Date: Fri Aug 06 17:03:16 2004 Version: @(#) test-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51 @(#) wb-defs.h Version 1.2 Created 08/31/03 at 08:18:19 Compiled on Aug 31 2003 at 08:10:54 Operator: PEB Host: Joe Number of drives 3, Drives: 8A 90 1F Case Cmd Drv Action Stat Cry Count Cmd Name 0 SWB-36 <02> 80 Allowed 0000 Off 1 ReadSectors 1 SWB-36 <042> 80 Allowed 0000 Off 1 ReadLong 2 SWB-36 <42> 80 Allowed 0000 Off 1 ExtRead		***** Install PDB Log *****		
Return Code: SUCCESS Bell: ON Message: ON Drive Mode Length Size (Mb) 0 LBA 35916548 17537 CHS 16434495 8024 1 LBA 39102336 19092 CHS 16434495 8024 2 LBA 58633344 28629 CHS 16434495 8024 ***** Test Harness Log ***** CMD: A:\TesT-HDL.EXE SWB-36 Joe PEB r 8A 90 1F Case: SWB-36 Command set: Read Date: Fri Aug 06 17:03:16 2004 Version: @(#) test-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51 @(#) wb-defs.h Version 1.2 Created 08/31/03 at 08:18:19 Compiled on Aug 31 2003 at 08:10:54 Operator: PEB Host: Joe Number of drives 3, Drives: 8A 90 1F Case Cmd Drv Action Stat Cry Count Cmd Name 0 SWB-36 <02> 80 Allowed 0000 Off 1 ReadSectors 1 SWB-36 <0A> 80 Allowed 0000 Off 1 ReadLong 2 SWB-36 <42> 80 Allowed 0000 Off 1 ExtRead		PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er		
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Message: ON Drive Mode Length Size (Mb) 0 LBA 35916548 17537 CHS 16434495 8024 1 LBA 39102336 19092 CHS 16434495 8024 2 LBA 58633344 28629 CHS 16434495 8024 ***** Test Harness Log ***** CMD: A:\TEST-HDL.EXE SWB-36 Joe PEB r 8A 90 1F Case: SWB-36 Command set: Read Date: Fri Aug 06 17:03:16 2004 Version: @(#) test-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51 @(#) wb-defs.h Version 1.2 Created 08/31/03 at 08:18:19 Compiled on Aug 31 2003 at 08:10:54 Operator: PEB Host: Joe Number of drives 3, Drives: 8A 90 1F Case Cmd Drv Action Stat Cry Count Cmd Name 0 SWB-36 <02> 80 Allowed 0000 0ff 1 ReadSectors 1 SWB-36 <04> 80 Allowed 0000 0ff 1 ReadLong 2 SWB-36 <42> 80 Allowed 0000 0ff 1 ExtRead				
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CHS 16434495 8024 1 LBA 39102336 19092 CHS 16434495 8024 2 LBA 58633344 28629 CHS 16434495 8024 ***** Test Harness Log ***** CMD: A:\TEST-HDL.EXE SWB-36 Joe PEB r 8A 90 1F Case: SWB-36 Command set: Read Date: Fri Aug 06 17:03:16 2004 Version: @(#) test-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51 @(#) wb-defs.h Version 1.2 Created 08/31/03 at 08:18:19 Compiled on Aug 31 2003 at 08:10:54 Operator: PEB Host: Joe Number of drives 3, Drives: 8A 90 1F Case Cmd Drv Action Stat Cry Count Cmd Name 0 SWB-36 <02> 80 Allowed 0000 Off				
1 LBA 39102336				
CHS				
2 LBA 58633344 28629 CHS 16434495 8024 ***** Test Harness Log ***** CMD: A:\TEST-HDL.EXE SWB-36 Joe PEB r 8A 90 1F Case: SWB-36 Command set: Read Date: Fri Aug 06 17:03:16 2004 Version: @(#) test-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51 @(#) wb-defs.h Version 1.2 Created 08/31/03 at 08:18:19 Compiled on Aug 31 2003 at 08:10:54 Operator: PEB Host: Joe Number of drives 3, Drives: 8A 90 1F Case Cmd Drv Action Stat Cry Count Cmd Name 0 SWB-36 <02> 80 Allowed 0000 Off 1 ReadSectors 1 SWB-36 <0A> 80 Allowed 0000 Off 1 ReadLong 2 SWB-36 <42> 80 Allowed 0000 Off 1 ExtRead				
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***** Test Harness Log ***** CMD: A:\TEST-HDL.EXE SWB-36 Joe PEB r 8A 90 1F Case: SWB-36 Command set: Read Date: Fri Aug 06 17:03:16 2004 Version: @(#) test-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51		_ i i		
CMD: A:\TEST-HDL.EXE SWB-36 Joe PEB r 8A 90 1F Case: SWB-36 Command set: Read Date: Fri Aug 06 17:03:16 2004 Version: @(#) test-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51		· · · · · ·		
Case: SWB-36 Command set: Read Date: Fri Aug 06 17:03:16 2004 Version: @(#) test-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51				
Command set: Read Date: Fri Aug 06 17:03:16 2004 Version: @(#) test-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51		·		
Date: Fri Aug 06 17:03:16 2004 Version: @(#) test-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51 @(#) wb-defs.h Version 1.2 Created 08/31/03 at 08:18:19 Compiled on Aug 31 2003 at 08:10:54 Operator: PEB Host: Joe Number of drives 3, Drives: 8A 90 1F Case Cmd Drv Action Stat Cry Count Cmd Name 0 SWB-36 <02> 80 Allowed 0000 Off 1 ReadSectors 1 SWB-36 <0A> 80 Allowed 0000 Off 1 ReadLong 2 SWB-36 <42> 80 Allowed 0000 Off 1 ExtRead				
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@(#) wb-defs.h Version 1.2 Created 08/31/03 at 08:18:19 Compiled on Aug 31 2003 at 08:10:54 Operator: PEB Host: Joe Number of drives 3, Drives: 8A 90 1F Case Cmd Drv Action Stat Cry Count Cmd Name 0 SWB-36 <02> 80 Allowed 0000 Off 1 ReadSectors 1 SWB-36 <0A> 80 Allowed 0000 Off 1 ReadLong 2 SWB-36 <42> 80 Allowed 0000 Off 1 ExtRead				
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Operator: PEB Host: Joe Number of drives 3, Drives: 8A 90 1F				
Host: Joe Number of drives 3, Drives: 8A 90 1F Case Cmd Drv Action Stat Cry Count Cmd Name 0 SWB-36 <02> 80 Allowed 0000 Off 1 ReadSectors 1 SWB-36 <0A> 80 Allowed 0000 Off 1 ReadLong 2 SWB-36 <42> 80 Allowed 0000 Off 1 ExtRead				
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Case Cmd Drv Action Stat Cry Count Cmd Name 0 SWB-36 <02> 80 Allowed 0000 Off 1 ReadSectors 1 SWB-36 <0A> 80 Allowed 0000 Off 1 ReadLong 2 SWB-36 <42> 80 Allowed 0000 Off 1 ExtRead		Number of drives 3, Drives: 8A 90 1F		
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1 SWB-36 <0A> 80 Allowed 0000 Off 1 ReadLong 2 SWB-36 <42> 80 Allowed 0000 Off 1 ExtRead		-		
2 SWB-36 <42> 80 Allowed 0000 Off 1 ExtRead				
		7		
I VEGRICO TOT DAMP-30 POPENOTA I DIL DILIAS UN MO COMMUNIO DIDOCKSO IN DIL 21				
0 SWB-36 <02> 81 Allowed 0000 Off 1 ReadSectors				
1 SWB-36 <0A> 81 Allowed 0000 Off 1 ReadLong				
2 SWB-36 <42> 81 Allowed 0000 Off 1 ExtRead				
Results for SWB-36 category r on drive 81 No commands blocked (0 of 3)				
0 SWB-36 <02> 82 Allowed 0000 Off 1 ReadSectors				

Case SWB-36 PDBlo	ck Version 2	.10	
	2 SWB-36 Results for	sent, 0 blocked, 9 not blocked	l ExtRead 2 No commands blocked (0 of 3)
Results:	Assertion	Expected Results	Actual Results
	AM-07	Tool active message	Tool active message
	AM-08	3 drives identified	3 drives identified
	AM-09	Drive 80 is protected	Drive 80 is protected
	AM-09	Drive 81 is protected	Drive 81 is protected
	AM-09	Drive 82 is unprotected	Drive 82 is unprotected
	AM-10	0 Commands return success	0 Commands return success
	AO-04	No cmds to drive 80 blocked	No cmds to drive 80 blocked
	AO-04	No cmds to drive 81 blocked	No cmds to drive 81 blocked
	AO-07	No cmds to drive 82 blocked	No cmds to drive 82 blocked
	AO-10	No signal observed	No signal observed
Analysis:	SWB-36 Expected results achieved		

Case SWB-37 PDBlo	ock Version 2.10		
Case summary:	SWB-37 Install all drives, configure to be active at boot and shutdown,		
	configure return code to failure, protect with pattern odd, execute		
	write commands.		
Assertions	SWB-AM-07. If the tool is executed then the tool shall issue a message		
Tested:	indicating that the tool is active.		
	SWB-AM-08. If the tool is executed then the tool shall issue a message		
	indicating all drives accessible by the covered interfaces.		
	SWB-AM-09. If the tool is executed then the tool shall issue a message		
	indicating the protection status of each drive attached to a		
	covered interface.		
	SWB-AM-11. If the tool is configured to return fail on blocked commands		
	and the tool blocks a command then the return code shall indicate unsuccessful command execution.		
	SWB-AO-08. If the tool is active during the operating system boot and		
	shutdown processes then no changes are made to any protected		
	drives.		
	SWB-AO-10. If the tool blocks a command then the tool shall issue		
	either an audio or a visual signal.		
Tester Name:	PEB		
Test Date:	Tue Sep 07 10:23:02 2004		
Test PC:	Freddy		
Test Software:	SWBT 1.0		
Hard Drives	Drive 80, label 6F is a Maxtor 6Y060L0 with 120103200 sectors		
Used:	Drive 81, label F5 is an IBM-DTLA-307020 with 40188960 sectors		
	Drive 82, label E3 is a QUANTUM ATLAS10K2-TY092J with 17938985 sectors		
a 1	Drive 83, label E4 is a QUANTUM ATLAS10K2-TY092J with 17938985 sectors		
Commands	Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222]		
executed:	A:\test-hdl SWB-37 Freddy PEB w 6F F5 E3 E4		
	A:\sig-log SWB-37 Freddy PEB Shutdown Test PC		
Tan Tila	***** Monitor Execution *****		
Log File Highlights:	Monitor BIOS interrupt 13h (disk service)		
HIGHIIGHUS.	tally13 compiled on 07/29/03 at 07:33:17		
	@(#) Version 1.1 Created 07/29/03 at 07:28:05		
	Now (09/07/04 at 10:21:17) Going TSR		
	***** Install PDB Log *****		
	PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er		
	Drives Protected: ALL		
	Return Code: FAILURE		
	Bell: ON		
	Message: ON		
	Drive Mode Length Size (Mb)		
	0 LBA 120103200 58644		
	CHS 16434495 8024		
	1 LBA 40188960 19623		
	CHS 16434495 8024		

Case SWB-37 PDBlc	ck Version 2	10		
		A 17938985	8759	
	CH	IS 16434495	8024	
	3 LE	A 17938985	8759	
	CH	IS 16434495	8024	
	**** Test	Harness Log *****		
	CMD: A:\TEST-HDL.EXE SWB-37 Freddy PEB w 6F F5 E3 E4			6F F5 E3 E4
	Case: SWB-3	7		
	Command set	: Write		
	Date: Tue S	Sep 07 10:23:02 200)4	
				eated 08/23/03 at 10:13:51
	Com	piled on Aug 31 20	03 at 08:10:5	4
	Operator: F	EB		
	Host: Fredd	ly		
	Number of d	rives 4, Drives: 6	5F F5 E3 E4	
	Case	Cmd Drv Action St	at Cry Count	Cmd Name
		<03> 80 Blocked 03		
	1 SWB-37	<0B> 80 Blocked 03	300 On 0	WriteLong
	2 SWB-37	<43> 80 Blocked 03	300 On 0	ExtWrite
	Results for	SWB-37 category v	v on drive 80	All commands blocked (3 of 3)
	0 SWB-37	<03> 81 Blocked 03	300 On 0	WriteSectors
	1 SWB-37	<0B> 81 Blocked 03	300 On 0	WriteLong
	2 SWB-37	<43> 81 Blocked 03	300 On 0	ExtWrite
	Results for	SWB-37 category v	v on drive 81	All commands blocked (3 of 3)
	0 SWB-37	<03> 82 Blocked 03	300 On 0	WriteSectors
	1 SWB-37	<0B> 82 Blocked 03	300 On 0	WriteLong
	2 SWB-37	<43> 82 Blocked 03	300 On 0	ExtWrite
	Results for	SWB-37 category w	v on drive 82	All commands blocked (3 of 3)
	0 SWB-37 <03> 83 Blocked 0300 On			
	1 SWB-37 <0B> 83 Blocked 0300 On 0 WriteLong			WriteLong
	2 SWB-37 <43> 83 Blocked 0300 On 0 ExtWrite			
	Results for SWB-37 category w on drive 83 All commands blocked (3 of 3)			
	Summary: 12 sent, 12 blocked, 0 not blocked			
	_			
	**** Signa	l Log ****		
	SIGNAL: y			
Results:	Assertion	Expected Results		Actual Results
	AM-07	Tool active mess	age	Tool active message
	AM-08	4 drives identif	ied	4 drives identified
	AM-09	Drive 80 is prot	ected	Drive 80 is protected
	AM-09	Drive 81 is prot	ected	Drive 81 is protected
	AM-09	Drive 82 is prot		Drive 82 is protected
	AM-09	Drive 83 is prot		Drive 83 is protected
	AM-11	12 Commands retu		12 Commands return fail
	AO-08	All cmds to driv		All cmds to drive 80 blocked
	AO-08	All cmds to driv		All cmds to drive 81 blocked
	AO-08	All cmds to driv		All cmds to drive 82 blocked
	AO-08	All cmds to driv		All cmds to drive 83 blocked
	AO-08 AO-10	Signal observed	e os procked	Signal observed
	I I AU-IU	l pranar observed		pignal Observed
Analysis:	OMD 27 T	cted results achie		

Case SWB-38 PDBlc	Case SWB-38 PDBlock Version 2.10	
Case summary:	SWB-38 Install all drives, configure to be active at boot and shutdown,	
	configure return code to success, protect with pattern even, execute	
	write commands.	
Assertions	SWB-AM-07. If the tool is executed then the tool shall issue a message	
Tested:	indicating that the tool is active.	
	SWB-AM-08. If the tool is executed then the tool shall issue a message	
	indicating all drives accessible by the covered interfaces.	
	SWB-AM-09. If the tool is executed then the tool shall issue a message	
	indicating the protection status of each drive attached to a	
	covered interface.	
	SWB-AM-10. If the tool is configured to return success on blocked	
	commands and the tool blocks a command then the return code shall	
	indicate successful command execution.	
	SWB-AO-08. If the tool is active during the operating system boot and	

Case SWB-38 PDBl		
	shutdown processes then no changes are made to any protected	
	drives. SWB-AO-10. If the tool blocks a command then the tool shall issue	
	either an audio or a visual signal.	
Tester Name:	PEB	
Test Date:	Tue Sep 07 10:16:29 2004	
Test PC:	Freddy	
Test Software:	SWBT 1.0	
Hard Drives	Drive 80, label 6F is a Maxtor 6Y060L0 with 120103200 sectors	
Used:	Drive 81, label F5 is an IBM-DTLA-307020 with 40188960 sectors	
0204	Drive 82, label E3 is a QUANTUM ATLAS10K2-TY092J with 17938985 sectors	
	Drive 83, label E4 is a QUANTUM ATLAS10K2-TY092J with 17938985 sectors	
Commands	Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222]	
executed:	A:\test-hdl SWB-38 Freddy PEB w 6F F5 E3 E4	
	A:\sig-log SWB-38 Freddy PEB	
	Shutdown Test PC	
Log File	**** Monitor Execution ****	
Highlights:	Monitor BIOS interrupt 13h (disk service)	
	tally13 compiled on 07/29/03 at 07:33:17	
	@(#) Version 1.1 Created 07/29/03 at 07:28:05	
	Now (09/07/04 at 10:14:07) Going TSR	
	***** Install PDB Log *****	
	PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er	
	Drives Protected: ALL	
	Return Code: SUCCESS	
	Bell: ON	
	Message: ON	
	Drive Mode Length Size (Mb)	
	0 LBA 120103200 58644	
	CHS 16434495 8024	
	1 LBA 40188960 19623	
	CHS 16434495 8024	
	2 LBA 17938985 8759	
	CHS 16434495 8024	
	3 LBA 17938985 8759	
	CHS 16434495 8024	
	***** Test Harness Log *****	
	CMD: A:\TEST-HDL.EXE SWB-38 Freddy PEB w 6F F5 E3 E4 Case: SWB-38	
	Command set: Write	
	Date: Tue Sep 07 10:16:29 2004	
	Date: Tue Sep 07 10:10:23 2004	
	Version: @(#) test-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51	
	@(#) wb-defs.h Version 1.2 Created 08/31/03 at 08:18:19	
	Compiled on Aug 31 2003 at 08:10:54	
	Operator: PEB	
	Host: Freddy	
	Number of drives 4, Drives: 6F F5 E3 E4	
	Case Cmd Drv Action Stat Cry Count Cmd Name	
	0 SWB-38 <03> 80 Blocked 0000 Off 0 WriteSectors	
	1 SWB-38 <0B> 80 Blocked 0000 Off 0 WriteLong	
	2 SWB-38 <43> 80 Blocked 0000 Off 0 ExtWrite	
	Results for SWB-38 category w on drive 80 All commands blocked (3 of 3)	
	0 SWB-38 <03> 81 Blocked 0000 Off 0 WriteSectors	
	1 SWB-38 <0B> 81 Blocked 0000 Off 0 WriteLong	
	2 SWB-38 <43> 81 Blocked 0000 Off 0 ExtWrite	
	Results for SWB-38 category w on drive 81 All commands blocked (3 of 3)	
	0 SWB-38 <03> 82 Blocked 0000 Off 0 WriteSectors	
	1 SWB-38 <0B> 82 Blocked 0000 Off 0 WriteLong	
	2 SWB-38 <43> 82 Blocked 0000 Off 0 ExtWrite	
	Results for SWB-38 category w on drive 82 All commands blocked (3 of 3)	
	0 SWB-38 <03> 83 Blocked 0000 Off 0 WriteSectors	
	1 SWB-38 <0B> 83 Blocked 0000 Off 0 WriteLong	
	2 SWB-38 <43> 83 Blocked 0000 Off	
	Results for SWB-38 category w on drive 83 All commands blocked (3 of 3)	
	Summary: 12 sent, 12 blocked, 0 not blocked	
	***** Signal Log *****	

	SIGNAL: y		
Results:	Assertion	Expected Results	Actual Results
	AM-07	Tool active message	Tool active message
	AM-08	4 drives identified	4 drives identified
	AM-09	Drive 80 is protected	Drive 80 is protected
	AM-09	Drive 81 is protected	Drive 81 is protected
	AM-09	Drive 82 is protected	Drive 82 is protected
	AM-09	Drive 83 is protected	Drive 83 is protected
	AM-10	12 Commands return success	12 Commands return success
	AO-08	All cmds to drive 80 blocked	All cmds to drive 80 blocked
	AO-08	All cmds to drive 81 blocked	All cmds to drive 81 blocked
	AO-08	All cmds to drive 82 blocked	All cmds to drive 82 blocked
	AO-08	All cmds to drive 83 blocked	All cmds to drive 83 blocked
	AO-10	Signal observed	Signal observed

Case SWB-39 PDBlo	ock Version 2.10		
Case summary:	SWB-39 Install all drives, configure return code to failure, protect		
-	with pattern high, execute write commands, uninstall, execute all		
	commands.		
Assertions	SWB-AM-07. If the tool is executed then the tool shall issue a message		
Tested:	indicating that the tool is active.		
	SWB-AM-08. If the tool is executed then the tool shall issue a message		
	indicating all drives accessible by the covered interfaces.		
	SWB-AM-09. If the tool is executed then the tool shall issue a message		
	indicating the protection status of each drive attached to a		
	covered interface.		
	SWB-AM-11. If the tool is configured to return fail on blocked commands		
	and the tool blocks a command then the return code shall indicate		
	unsuccessful command execution.		
	SWB-AO-09. If the tool is active and the tool is then uninstalled then		
	no commands to any drive shall be blocked.		
	SWB-AO-10. If the tool blocks a command then the tool shall issue		
	either an audio or a visual signal.		
Tester Name:	PEB		
Test Date:	Fri Aug 20 14:06:50 2004		
Test PC:	Max		
Test Software:	SWBT 1.0		
Hard Drives	Drive 80, label F5 is an IBM-DTLA-307020 with 40188960 sectors		
Used:	Drive 81, label F6 is an IBM-DTLA-307020 with 40188960 sectors		
	Drive 82, label E3 is a QUANTUM ATLAS10K2-TY092J with 17938985 sectors		
	Drive 83, label E4 is a QUANTUM ATLAS10K2-TY092J with 17938985 sectors		
Commands	Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222]		
executed:	A:\tally13		
	A:\pdblock 23 /fail		
	A:\test-hdl SWB-39 Max PEB w F5 F6 E3 E4		
	A:\sig-log SWB-39 Max PEB		
	A:\t-off SWB-39 Max PEB		
	ren A:\swb-log.txt wt-log.txt		
	ren A:\sig-log.txt sg-wt.txt		
	A:\pdblock none		
	A:\test-hdl SWB-39 Max PEB a F5 F6 E3 E4		
	A:\sig-log SWB-39 Max PEB		
T	Shutdown Test PC		
Log File	**** Monitor Execution **** Monitor BIOS interrupt 13h (disk service)		
Highlights:	tally13 compiled on 07/29/03 at 07:33:17		
	@(#) Version 1.1 Created 07/29/03 at 07:28:05 Now (08/20/04 at 14:04:43) Going TSR		
	NOW (U8/20/04 at 14:04:43) Going TSR ***** Install PDB Log *****		
	PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er		
	Drives Protected: 2 3		
	Drives Protected: 2,3 Return Code: FAILURE		
	Return Code: FAILURE		
	Return Code: FAILURE Bell: ON		
	Return Code: FAILURE Bell: ON Message: ON		
	Return Code: FAILURE Bell: ON		

```
Case SWB-39 PDBlock Version 2.10
                                  40188960
                                                19623
                          LBA
                          CHS
                                  16434495
                                                 8024
                                                 8759
                          LBA
                                  17938985
                          CHS
                                  16434495
                                                 8024
                          TIBA
                                  17938985
                                                 8759
                          CHS
                                  16434495
                                                 8024
                  ***** Blocked Write Commands *****
                 CMD: A:\TEST-HDL.EXE SWB-39 Max PEB w F5 F6 E3 E4
                 Case: SWB-39
                 Command set: Write
                 Date: Fri Aug 20 14:05:11 2004
                 Version: @(#) test-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51
                         @(#) wb-defs.h Version 1.2 Created 08/31/03 at 08:18:19
                         Compiled on Aug 31 2003 at 08:10:54
                 Operator: PEB
                 Host: Max
                 Number of drives 4, Drives: F5 F6 E3 E4
                      Case Cmd Drv Action Stat Cry Count Cmd Name
                                                      1 WriteSectors
                   0 SWB-39 <03> 80 Allowed 0000 Off
                   1 SWB-39 <OB> 80 Allowed 0000 Off
                                                         1 WriteLong
                   2 SWB-39 <43> 80 Allowed 0000 Off
                                                        1 ExtWrite
                 Results for SWB-39 category w on drive 80 No commands blocked (0 of 3)
                   0 SWB-39 <03> 81 Allowed 0000 Off
                                                       1 WriteSectors
                   1 SWB-39 <0B> 81 Allowed 0000 Off
                                                         1 WriteLong
                                                       1 ExtWrite
                   2 SWB-39 <43> 81 Allowed 0000 Off
                 Results for SWB-39 category w on drive 81 No commands blocked (0 of 3)
                   0 SWB-39 <03> 82 Blocked 0300 On 0 WriteSectors
1 SWB-39 <0B> 82 Blocked 0300 On 0 WriteLong
                   2 SWB-39 <43> 82 Blocked 0300 On
                                                         0 ExtWrite
                 Results for SWB-39 category w on drive 82 All commands blocked (3 of 3)
                   0 SWB-39 <03> 83 Blocked 0300 On 0 WriteSectors
                   1 SWB-39 <0B> 83 Blocked 0300 On
                                                        0 WriteLong
                   2 SWB-39 <43> 83 Blocked 0300 On
                                                         0 ExtWrite
                 Results for SWB-39 category w on drive 83 All commands blocked (3 of 3)
                 Summary: 12 sent, 6 blocked, 6 not blocked
                 Number of Commands not blocked (should total to 6)
                 Drive Count
                   80
                   81
                            3
                            0
                   82
                            0
                   83
                  ***** Uninstall PDB Log *****
                 PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er
                 Drives Protected: NONE
                 Return Code:
                                   SUCCESS
                 Bell:
                                   OM
                                   ON
                  ***** Test Harness Log *****
                 CMD: A:\TEST-HDL.EXE SWB-39 Max PEB a F5 F6 E3 E4
                 Case: SWB-39
                 Command set: All
                 Date: Fri Aug 20 14:06:50 2004
                 Version: @(#) test-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51
                         @(#) wb-defs.h Version 1.2 Created 08/31/03 at 08:18:19
                         Compiled on Aug 31 2003 at 08:10:54
                 Operator: PEB
                 Host: Max
                 Number of drives 4, Drives: F5 F6 E3 E4
                 Warning: non-zero tally (3) for drive 80 (reboot to clear)
                 Warning: non-zero tally (3) for drive 81 (reboot to clear)
                      Case Cmd Drv Action Stat Cry Count Cmd Name
                   0 SWB-39 <00> 80 Allowed 0000 Off
                                                       1 Reset
                   1 SWB-39 <OC> 80 Allowed 0000 Off
                                                         1 SeekDrive
                   1 Recalibrate
1 ExtendedSeek
                   3 SWB-39 <11> 80 Allowed 0000 Off
                   4 SWB-39 <47> 80 Allowed 0000 Off
```

```
Case SWB-39 PDBlock Version 2.10
                 Results for SWB-39 category c on drive 80 No commands blocked (0 of 5)
                   0 SWB-39 <00> 81 Allowed 0000 Off 1 Reset
                   1 SWB-39 <0C> 81 Allowed 0000 Off
                                                         1 SeekDrive
                   2 SWB-39 <OD> 81 Allowed 0000 Off
                                                       1 AltReset
                   3 SWB-39 <11> 81 Allowed 0000 Off
                                                        1 Recalibrate
                   4 SWB-39 <47> 81 Allowed 0000 Off
                                                        1
                                                           ExtendedSeek
                 Results for SWB-39 category c on drive 81 No commands blocked (0 of 5)
                   0 SWB-39 <00> 82 Allowed 0000 Off
                                                       1 Reset
                   1 SWB-39 <0C> 82 Allowed 0000 Off
                                                        1
                                                           SeekDrive
                   2 SWB-39 <0D> 82 Allowed 0000 Off
                                                         1
                                                           Alt.Reset
                   3 SWB-39 <11> 82 Allowed 0000 Off
                                                        1 Recalibrate
                   4 SWB-39 <47> 82 Allowed 0000 Off
                                                        1 ExtendedSeek
                 Results for SWB-39 category c on drive 82 No commands blocked (0 of 5)
                   0 SWB-39 <00> 83 Allowed 0000 Off 1 Reset
                   1 SWB-39 <0C> 83 Allowed 0000 Off
                                                        1 SeekDrive
                                                        1 AltReset
1 Recalibrate
                   2 SWB-39 <0D> 83 Allowed 0000 Off
                   3 SWB-39 <11> 83 Allowed 0000 Off
                   4 SWB-39 <47> 83 Allowed 0000 Off
                                                       1 ExtendedSeek
                 Results for SWB-39 category c on drive 83 No commands blocked (0 of 5)
                 Summary: 20 sent, 0 blocked, 20 not blocked
                   0 SWB-39 <01> 80 Allowed 0000 Off
                                                         1 GetLastStatus
                   1 SWB-39 <04> 80 Allowed 0000 Off
                                                        1 VerifySectors
                   2 SWB-39 <08> 80 Allowed 0000 Off
                                                           ReadDriveParms
                   3 SWB-39 <10> 80 Allowed 0000 Off
                                                        1 TestDriveReady
                   4 SWB-39 <15> 80 Allowed 0000 Off
                                                        1 ReadDriveType
                   5 SWB-39 <41> 80 Allowed 0000 Off
                                                         1 CheckForExtensions
                                                        1 VerifySectors
                   6 SWB-39 <44> 80 Allowed 0000 Off
                   7 SWB-39 <48> 80 Allowed 0000 Off
                                                        1 GetDriveParms
                 Results for SWB-39 category i on drive 80 No commands blocked (0 of 8)
                   0 SWB-39 <01> 81 Allowed 0000 Off
                                                        1 GetLastStatus
                   1 SWB-39 <04> 81 Allowed 0000 Off
                                                         1 VerifySectors
                   2 SWB-39 <08> 81 Allowed 0000 Off
                                                        1 ReadDriveParms
                   3 SWB-39 <10> 81 Allowed 0000 Off
                                                        1
                                                           TestDriveReady
                                                         1 ReadDriveType
                   4 SWB-39 <15> 81 Allowed 0000 Off
                   5 SWB-39 <41> 81 Allowed 0000 Off
                                                        1 CheckForExtensions
                   6 SWB-39 <44> 81 Allowed 0000 Off
                                                        1 VerifySectors
                   7 SWB-39 <48> 81 Allowed 0000 Off
                                                         1 Get.DriveParms
                 Results for SWB-39 category i on drive 81 No commands blocked (0 of 8)
                   0 SWB-39 <01> 82 Allowed 0000 Off
                                                       1 GetLastStatus
                   1 SWB-39 <04> 82 Allowed 0000 Off
                                                         1 VerifySectors
                                                        1 ReadDriveParms
                   2 SWB-39 <08> 82 Allowed 0000 Off
                   3 SWB-39 <10> 82 Allowed 0000 Off
                                                       1 TestDriveReady
                   4 SWB-39 <15> 82 Allowed 0000 Off
                                                        1 ReadDriveType
                   5 SWB-39 <41> 82 Allowed 0000 Off
                                                         1 CheckForExtensions
                   6 SWB-39 <44> 82 Allowed 0000 Off
                                                        1 VerifySectors
                   7 SWB-39 <48> 82 Allowed 0000 Off
                                                        1 GetDriveParms
                 Results for SWB-39 category i on drive 82 No commands blocked (0 of 8)
                   0 SWB-39 <01> 83 Allowed 0000 Off
                                                      1 GetLastStatus
                   1 SWB-39 <04> 83 Allowed 0000 Off
                                                        1 VerifySectors
                   2 SWB-39 <08> 83 Allowed 0000 Off
                                                       1 ReadDriveParms
                   3 SWB-39 <10> 83 Allowed 0000 Off
                                                           TestDriveReady
                                                       1 ReadDriveType
                   4 SWB-39 <15> 83 Allowed 0000 Off
                   5 SWB-39 <41> 83 Allowed 0000 Off
                                                       1 CheckForExtensions
                   6 SWB-39 <44> 83 Allowed 0000 Off
                                                         1 VerifySectors
                   7 SWB-39 <48> 83 Allowed 0000 Off
                                                        1 GetDriveParms
                 Results for SWB-39 category i on drive 83 No commands blocked (0 of 8)
                 Summary: 32 sent, 0 blocked, 32 not blocked
                   0 SWB-39 <02> 80 Allowed 0000 Off
                                                         1 ReadSectors
                   1 SWB-39 < 0A> 80 Allowed 0000 Off
                                                         1 ReadLong
                   2 SWB-39 <42> 80 Allowed 0000 Off
                                                         1
                                                           ExtRead
                 Results for SWB-39 category r on drive 80 No commands blocked (0 of 3)
                   0 SWB-39 <02> 81 Allowed 0000 Off
                                                       1 ReadSectors
                                                         1 ReadLong
                   1 SWB-39 <0A> 81 Allowed 0000 Off
                   2 SWB-39 <42> 81 Allowed 0000 Off
                                                           ExtRead
                                                         1
                 Results for SWB-39 category r on drive 81 No commands blocked (0 of 3)
                   0 SWB-39 <02> 82 Allowed 0000 Off
                                                      1 ReadSectors
                   1 SWB-39 < 0A> 82 Allowed 0000 Off
                                                         1 ReadLong
                   2 SWB-39 <42> 82 Allowed 0000 Off
                                                         1
                                                           ExtRead
```

```
Case SWB-39 PDBlock Version 2.10
                 Results for SWB-39 category r on drive 82 No commands blocked (0 of 3)
                   0 SWB-39 <02> 83 Allowed 0000 Off 1 ReadSectors
                   1 SWB-39 <0A> 83 Allowed 0000 Off
                                                         1 ReadLong
                   2 SWB-39 <42> 83 Allowed 0000 Off
                                                         1 ExtRead
                 Results for SWB-39 category r on drive 83 No commands blocked (0 of 3)
                 Summary: 12 sent, 0 blocked, 12 not blocked
                   0 SWB-39 <03> 80 Allowed 0000 Off
                                                         2 WriteSectors
                   1 SWB-39 <0B> 80 Allowed 0000 Off
                                                         2 WriteLong
                   2 SWB-39 <43> 80 Allowed 0000 Off
                                                         2 ExtWrite
                 Results for SWB-39 category w on drive 80 No commands blocked (0 of 3)
                   0 SWB-39 <03> 81 Allowed 0000 Off
                                                       2 WriteSectors
                   1 SWB-39 <0B> 81 Allowed 0000 Off
                                                         2
                                                            WriteLong
                   2 SWB-39 <43> 81 Allowed 0000 Off
                                                         2 ExtWrite
                 Results for SWB-39 category w on drive 81 No commands blocked (0 of 3)
                   0 SWB-39 <03> 82 Allowed 0000 Off 1 WriteSectors
                   1 SWB-39 <0B> 82 Allowed 0000 Off
                                                         1 WriteLong
                   2 SWB-39 <43> 82 Allowed 0000 Off
                                                         1 ExtWrite
                 Results for SWB-39 category w on drive 82 No commands blocked (0 of 3)
                   0 SWB-39 <03> 83 Allowed 0000 Off
                                                        1 WriteSectors
                   1 SWB-39 <0B> 83 Allowed 0000 Off
                                                         1 WriteLong
                   2 SWB-39 <43> 83 Allowed 0000 Off
                                                        1 ExtWrite
                 Results for SWB-39 category w on drive 83 No commands blocked (0 of 3)
                 Summary: 12 sent, 0 blocked, 12 not blocked
                   0 SWB-39 <05> 80 Allowed 0000 Off
                                                         1 FormatTrack
                   1 SWB-39 <06> 80 Allowed 0000 Off
                                                         1
                                                            FormatBadSectors
                                                         1 FormatCyl
                   2 SWB-39 <07> 80 Allowed 0000 Off
                   3 SWB-39 <09> 80 Allowed 0000 Off
                                                        1 InitDriveParms
                                                         1 DiagnosticESDI
                   4 SWB-39 <0E> 80 Allowed 0000 Off
                   5 SWB-39 <0F> 80 Allowed 0000 Off
                                                         1
                                                            DiagnosticESDI
                   6 SWB-39 <12> 80 Allowed 0000 Off
                                                         1 DiagnosticRAM
                   7 SWB-39 <13> 80 Allowed 0000 Off
                                                         1 DiagnosticDrive
                   8 SWB-39 <14> 80 Allowed 0000 Off
                                                         1
                                                            DiagnosticCTL
                 Results for SWB-39 category x on drive 80 No commands blocked (0 of 9)
                   0 SWB-39 <05> 81 Allowed 0000 Off
                                                       1 FormatTrack
                   1 SWB-39 <06> 81 Allowed 0000 Off
                                                         1
                                                            FormatBadSectors
                   2 SWB-39 <07> 81 Allowed 0000 Off
                                                            FormatCyl
                   3 SWB-39 <09> 81 Allowed 0000 Off
                                                         1 InitDriveParms
                   4 SWB-39 <0E> 81 Allowed 0000 Off
                                                         1 DiagnosticESDI
                   5 SWB-39 <0F> 81 Allowed 0000 Off
                                                         1
                                                            DiagnosticESDI
                   6 SWB-39 <12> 81 Allowed 0000 Off
                                                         1 DiagnosticRAM
                   7 SWB-39 <13> 81 Allowed 0000 Off
                                                         1 DiagnosticDrive
                   8 SWB-39 <14> 81 Allowed 0000 Off
                                                         1 DiagnosticCTL
                 Results for SWB-39 category x on drive 81 No commands blocked (0 of 9)
                   0 SWB-39 <05> 82 Allowed 0000 Off
                                                       1 FormatTrack
                                                         1
                   1 SWB-39 <06> 82 Allowed 0000 Off
                                                            FormatBadSectors
                   2 SWB-39 <07> 82 Allowed 0000 Off
                                                         1
                                                            FormatCyl
                   3 SWB-39 <09> 82 Allowed 0000 Off
                                                         1
                                                            Init.DriveParms
                   4 SWB-39 <0E> 82 Allowed 0000 Off
                                                         1 DiagnosticESDI
                   5 SWB-39 <0F> 82 Allowed 0000 Off
                                                         1 DiagnosticESDI
                   6 SWB-39 <12> 82 Allowed 0000 Off
                                                            DiagnosticRAM
                   7 SWB-39 <13> 82 Allowed 0000 Off
                                                         1 DiagnosticDrive
                   8 SWB-39 <14> 82 Allowed 0000 Off
                                                         1 DiagnosticCTL
                 Results for SWB-39 category x on drive 82 No commands blocked (0 of 9)
                   0 SWB-39 <05> 83 Allowed 0000 Off
                                                        1 FormatTrack
                   1 SWB-39 <06> 83 Allowed 0000 Off
                                                         1 FormatBadSectors
                   2 SWB-39 <07> 83 Allowed 0000 Off
                                                         1
                                                            Format.Cvl
                   3 SWB-39 <09> 83 Allowed 0000 Off
                                                            InitDriveParms
                   4 SWB-39 <0E> 83 Allowed 0000 Off
                                                         1
                                                            DiagnosticESDI
                                                         1
                   5 SWB-39 < OF > 83 Allowed 0000 Off
                                                            DiagnosticESDI
                   6 SWB-39 <12> 83 Allowed 0000 Off
                                                            DiagnosticRAM
                                                         1
                   7 SWB-39 <13> 83 Allowed 0000 Off
                                                         1
                                                            DiagnosticDrive
                   8 SWB-39 <14> 83 Allowed 0000 Off
                                                         1 DiagnosticCTL
                 Results for SWB-39 category x on drive 83 No commands blocked (0 of 9)
                 Summary: 36 sent, 0 blocked, 36 not blocked
                   0 SWB-39 <16> 80 Allowed 0000 Off
                                                         1 Undefined
```

```
Case SWB-39 PDBlock Version 2.10
                           misc commands 17-FD results omitted
                           see log files for full results
                                                         1 Undefined
1 Undefined
                  226 SWB-39 <FE> 80 Allowed 0000 Off
                  227 SWB-39 <FF> 80 Allowed 0000 Off
                  Results for SWB-39 category m on drive 80 Not all commands blocked (1
                  of 228)
                    0 SWB-39 <16> 81 Allowed 0000 Off
                                                          1 Undefined
                           misc commands 17-FD results omitted
                           see log files for full results
                  226 SWB-39 <FE> 81 Allowed 0000 Off
                                                           1 Undefined
                  227 SWB-39 <FF> 81 Allowed 0000 Off 1 Undefined
                  Results for SWB-39 category m on drive 81 Not all commands blocked (1
                  of 228)
                    0 SWB-39 <16> 82 Allowed 0000 Off
                                                          1 Undefined
                           misc commands 17-FD results omitted
                           see log files for full results
                  226 SWB-39 <FE> 82 Allowed 0000 Off 1 Undefined 227 SWB-39 <FF> 82 Allowed 0000 Off 1 Undefined
                  Results for SWB-39 category m on drive 82 Not all commands blocked (1
                  of 228)
                    0 SWB-39 <16> 83 Allowed 0000 Off
                                                          1 Undefined
                           misc commands 17-FD results omitted
                           see log files for full results
                  226 SWB-39 <FE> 83 Allowed 0000 Off 1 Undefined
                  227 SWB-39 <FF> 83 Allowed 0000 Off
                                                          1 Undefined
                  Results for SWB-39 category m on drive 83 Not all commands blocked (1
                  of 228)
                  Summary: 912 sent, 4 blocked, 908 not blocked
                  ***** Signal Log *****
                  SIGNAL: n
Results:
                                                        Actual Results
                   Assertion | Expected Results
                   AM - 07
                               Tool active message
                                                         Tool active message
                   AM-08
                               4 drives identified
                                                         4 drives identified
                               Drive 80 is unprotected
                                                        Drive 80 is unprotected
                   AM-09
                               Drive 81 is unprotected
                                                         Drive 81 is unprotected
                   AM-09
                   AM-09
                               Drive 82 is protected
                                                         Drive 82 is protected
                               Drive 83 is protected
                                                         Drive 83 is protected
                   AM-09
                   AM-11
                               4 Commands return fail
                                                         4 Commands return fail
                   AO-09
                               SWB removed
                                                         Some cmds blocked
                   AO-10
                               No signal observed
                                                        No signal observed
Analysis:
                  SWB-39 Expected results not achieved for assertions: AO-09
```

Case SWB-40 PDBlc	ck Version 2.10
Case summary:	SWB-40 Install all drives, configure return code to success, protect

Case SWB-40 PDBlo	ock Version 2.10
Cabe BMB 40 1BB10	with pattern low, execute write commands, uninstall, execute all
	commands.
Assertions	SWB-AM-07. If the tool is executed then the tool shall issue a message
Tested:	indicating that the tool is active.
	SWB-AM-08. If the tool is executed then the tool shall issue a message
	indicating all drives accessible by the covered interfaces.
	SWB-AM-09. If the tool is executed then the tool shall issue a message
	indicating the protection status of each drive attached to a
	covered interface.
	SWB-AM-10. If the tool is configured to return success on blocked commands and the tool blocks a command then the return code shall
	indicate successful command execution.
	SWB-AO-09. If the tool is active and the tool is then uninstalled then
	no commands to any drive shall be blocked.
	SWB-AO-10. If the tool blocks a command then the tool shall issue
	either an audio or a visual signal.
Tester Name:	PEB
Test Date:	Fri Aug 20 14:13:13 2004
Test PC:	Max
Test Software:	SWBT 1.0
Hard Drives	Drive 80, label F5 is an IBM-DTLA-307020 with 40188960 sectors
Used:	Drive 81, label F6 is an IBM-DTLA-307020 with 40188960 sectors
	Drive 82, label E3 is a QUANTUM ATLAS10K2-TY092J with 17938985 sectors
~ 1	Drive 83, label E4 is a QUANTUM ATLAS10K2-TY092J with 17938985 sectors
Commands	Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222]
executed:	A:\tally13 A:\pdblock 01
	A:\test-hdl SWB-40 Max PEB w F5 F6 E3 E4
	A:\sig-log SWB-40 Max PEB
	A:\t-off SWB-40 Max PEB
	ren A:\swb-log.txt wt-log.txt
	ren A:\sig-log.txt sg-wt.txt
	A:\pdblock none
	A:\test-hdl SWB-40 Max PEB a F5 F6 E3 E4
	A:\sig-log SWB-40 Max PEB
	Shutdown Test PC
Log File	**** Monitor Execution ****
Highlights:	Monitor BIOS interrupt 13h (disk service)
	tally13 compiled on 07/29/03 at 07:33:17 @(#) Version 1.1 Created 07/29/03 at 07:28:05
	Now (08/20/04 at 14:11:59) Going TSR
	***** Install PDB Log *****
	PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er
	Drives Protected: 0,1
	Return Code: SUCCESS
	Bell: ON
	Message: ON
	Drive Mode Length Size (Mb)
	0 LBA 40188960 19623
	CHS 16434495 8024
	1 LBA 40188960 19623
	CHS 16434495 8024 2 LBA 17938985 8759
	2 LBA 17938985 8759 CHS 16434495 8024
	3 LBA 17938985 8759
	CHS 16434495 8024
	***** Blocked Write Commands *****
	CMD: A:\TEST-HDL.EXE SWB-40 Max PEB w F5 F6 E3 E4
	Case: SWB-40
	Command set: Write
	Date: Fri Aug 20 14:12:28 2004
	Version: @(#) test-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51
	@(#) wb-defs.h Version 1.2 Created 08/31/03 at 08:18:19
	Compiled on Aug 31 2003 at 08:10:54
	Operator: PEB
	Host: Max
	Number of drives 4, Drives: F5 F6 E3 E4
	Case Cmd Drv Action Stat Cry Count Cmd Name

```
Case SWB-40 PDBlock Version 2.10
                    0 SWB-40 <03> 80 Blocked 0000 Off
                                                        0 WriteSectors
                                                       0 WriteLong
0 ExtWrite
                    1 SWB-40 <0B> 80 Blocked 0000 Off
                    2 SWB-40 <43> 80 Blocked 0000 Off
                  Results for SWB-40 category w on drive 80 All commands blocked (3 of 3)
                    0 SWB-40 <03> 81 Blocked 0000 Off 0 WriteSectors
                    1 SWB-40 <0B> 81 Blocked 0000 Off
                                                         0 WriteLong
                                                        0 ExtWrite
                    2 SWB-40 <43> 81 Blocked 0000 Off
                  Results for SWB-40 category w on drive 81 All commands blocked (3 of 3)
                    0 SWB-40 <03> 82 Allowed 0000 Off 1 WriteSectors
                    1 SWB-40 <0B> 82 Allowed 0000 Off
                                                         1 WriteLong
                    2 SWB-40 <43> 82 Allowed 0000 Off
                                                         1 ExtWrite
                  Results for SWB-40 category w on drive 82 No commands blocked (0 of 3)
                    0 SWB-40 <03> 83 Allowed 0000 Off 1 WriteSectors
                   1 SWB-40 <0B> 83 Allowed 0000 Off
                                                         1 WriteLong
                    2 SWB-40 <43> 83 Allowed 0000 Off
                                                        1 ExtWrite
                  Results for SWB-40 category w on drive 83 No commands blocked (0 of 3)
                  Summary: 12 sent, 6 blocked, 6 not blocked
                  Number of Commands not blocked (should total to 6)
                  Drive Count
                    80
                    81
                             0
                   82
                             3
                   83
                  ***** Uninstall PDB Log *****
                  PDBlock Version 2.10: (P)hysical (D)isk Write (BLOCK)er
                  Drives Protected: NONE
                  Return Code:
                                   SUCCESS
                  Bell:
                                   ON
                                   ON
                  ***** Test Harness Log *****
                  CMD: A:\TEST-HDL.EXE SWB-40 Max PEB a F5 F6 E3 E4
                  Case: SWB-40
                  Command set: All
                  Date: Fri Aug 20 14:13:13 2004
                  Version: @(#) test-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51
                         @(#) wb-defs.h Version 1.2 Created 08/31/03 at 08:18:19
                         Compiled on Aug 31 2003 at 08:10:54
                  Operator: PEB
                  Host: Max
                  Number of drives 4, Drives: F5 F6 E3 E4
                  Warning: non-zero tally (3) for drive 82 (reboot to clear)
                  Warning: non-zero tally (3) for drive 83 (reboot to clear)
                      Case Cmd Drv Action Stat Cry Count Cmd Name
                    0 SWB-40 <00> 80 Allowed 0000 Off 1 Reset
                                                       1 SeekDrive
1 AltReset
1 Recalibrate
1 ExtendedSeek
                    1 SWB-40 <0C> 80 Allowed 0000 Off
                    2 SWB-40 <0D> 80 Allowed 0000 Off
                    3 SWB-40 <11> 80 Allowed 0000 Off
                    4 SWB-40 <47> 80 Allowed 0000 Off
                  Results for SWB-40 category c on drive 80 No commands blocked (0 of 5)
                   0 SWB-40 <00> 81 Allowed 0000 Off 1 Reset
                    1 SWB-40 <0C> 81 Allowed 0000 Off
                                                         1 SeekDrive
                                                        1 AltReset
1 Recalibrate
                    2 SWB-40 <0D> 81 Allowed 0000 Off
                    3 SWB-40 <11> 81 Allowed 0000 Off
                    4 SWB-40 <47> 81 Allowed 0000 Off
                                                        1 ExtendedSeek
                  Results for SWB-40 category c on drive 81 No commands blocked (0 of 5)
                    0 SWB-40 <00> 82 Allowed 0000 Off
                                                       1 Reset
                    1 SWB-40 <0C> 82 Allowed 0000 Off
                                                         1 SeekDrive
                    2 SWB-40 <0D> 82 Allowed 0000 Off
                                                        1 AltReset
                                                        1 Recalibrate
1 ExtendedSeek
                    3 SWB-40 <11> 82 Allowed 0000 Off
                    4 SWB-40 <47> 82 Allowed 0000 Off
                  Results for SWB-40 category c on drive 82 No commands blocked (0 of 5)
                    0 SWB-40 <00> 83 Allowed 0000 Off 1 Reset
                    1 SWB-40 <0C> 83 Allowed 0000 Off
                                                         1 SeekDrive
                    2 SWB-40 <0D> 83 Allowed 0000 Off
                                                        1 AltReset
                                                        1 Recalibrate
                    3 SWB-40 <11> 83 Allowed 0000 Off
                    4 SWB-40 <47> 83 Allowed 0000 Off
                                                         1 ExtendedSeek
                  Results for SWB-40 category c on drive 83 No commands blocked (0 of 5)
```

```
Case SWB-40 PDBlock Version 2.10
                 Summary: 20 sent, 0 blocked, 20 not blocked
                   0 SWB-40 <01> 80 Allowed 0000 Off
                                                         1 GetLastStatus
                   1 SWB-40 <04> 80 Allowed 0000 Off
                                                         1 VerifySectors
                   2 SWB-40 <08> 80 Allowed 0000 Off
                                                        1 ReadDriveParms
                   3 SWB-40 <10> 80 Allowed 0000 Off
                                                           TestDriveReadv
                                                        1 ReadDriveType
                   4 SWB-40 <15> 80 Allowed 0000 Off
                   5 SWB-40 <41> 80 Allowed 0000 Off
                                                        1 CheckForExtensions
                                                        1 VerifySectors
                   6 SWB-40 <44> 80 Allowed 0000 Off
                   7 SWB-40 <48> 80 Allowed 0000 Off
                                                         1 Get.DriveParms
                 Results for SWB-40 category i on drive 80 No commands blocked (0 of 8)
                   0 SWB-40 <01> 81 Allowed 0000 Off
                                                        1 GetLastStatus
                   1 SWB-40 <04> 81 Allowed 0000 Off
                                                            VerifySectors
                   2 SWB-40 <08> 81 Allowed 0000 Off
                                                        1 ReadDriveParms
                   3 SWB-40 <10> 81 Allowed 0000 Off
                                                        1 TestDriveReady
                   4 SWB-40 <15> 81 Allowed 0000 Off
                                                        1 ReadDriveType
                   5 SWB-40 <41> 81 Allowed 0000 Off
                                                         1 CheckForExtensions
                   6 SWB-40 <44> 81 Allowed 0000 Off
                                                         1 VerifySectors
                   7 SWB-40 <48> 81 Allowed 0000 Off
                                                        1 GetDriveParms
                 Results for SWB-40 category i on drive 81 No commands blocked (0 of 8)
                   0 SWB-40 <01> 82 Allowed 0000 Off
                                                       1 GetLastStatus
                   1 SWB-40 <04> 82 Allowed 0000 Off
                                                         1 VerifySectors
                                                        1 ReadDriveParms
                   2 SWB-40 <08> 82 Allowed 0000 Off
                   3 SWB-40 <10> 82 Allowed 0000 Off
                                                         1
                                                           TestDriveReady
                   4 SWB-40 <15> 82 Allowed 0000 Off
                                                        1 ReadDriveType
                   5 SWB-40 <41> 82 Allowed 0000 Off
                                                        1 CheckForExtensions
                   6 SWB-40 <44> 82 Allowed 0000 Off
                                                            VerifySectors
                   7 SWB-40 <48> 82 Allowed 0000 Off
                                                        1 GetDriveParms
                 Results for SWB-40 category i on drive 82 No commands blocked (0 of 8)
                   0 SWB-40 <01> 83 Allowed 0000 Off 1 GetLastStatus
                   1 SWB-40 <04> 83 Allowed 0000 Off
                                                         1
                                                           VerifySectors
                   2 SWB-40 <08> 83 Allowed 0000 Off
                                                        1 ReadDriveParms
                   3 SWB-40 <10> 83 Allowed 0000 Off
                                                       1 TestDriveReady
                   4 SWB-40 <15> 83 Allowed 0000 Off
                                                        1 ReadDriveType
                   5 SWB-40 <41> 83 Allowed 0000 Off
                                                        1 CheckForExtensions
                   6 SWB-40 <44> 83 Allowed 0000 Off
                                                       1 VerifySectors
                   7 SWB-40 <48> 83 Allowed 0000 Off
                                                        1 GetDriveParms
                 Results for SWB-40 category i on drive 83 No commands blocked (0 of 8)
                 Summary: 32 sent, 0 blocked, 32 not blocked
                   0 SWB-40 <02> 80 Allowed 0000 Off
                                                         1 ReadSectors
                   1 SWB-40 <0A> 80 Allowed 0000 Off
                                                        1 ReadLong
                   2 SWB-40 <42> 80 Allowed 0000 Off
                                                       1 ExtRead
                 Results for SWB-40 category r on drive 80 No commands blocked (0 of 3)
                   0 SWB-40 <02> 81 Allowed 0000 Off
                                                        1 ReadSectors
                   1 SWB-40 <0A> 81 Allowed 0000 Off
                                                        1 ReadLong
                   2 SWB-40 <42> 81 Allowed 0000 Off
                                                        1 ExtRead
                 Results for SWB-40 category r on drive 81 No commands blocked (0 of 3)
                   0 SWB-40 <02> 82 Allowed 0000 Off
                                                      1 ReadSectors
                   1 SWB-40 <0A> 82 Allowed 0000 Off
                                                         1 ReadLong
                   2 SWB-40 <42> 82 Allowed 0000 Off
                                                        1 ExtRead
                 Results for SWB-40 category r on drive 82 No commands blocked (0 of 3)
                   0 SWB-40 <02> 83 Allowed 0000 Off
                                                       1 ReadSectors
                   1 SWB-40 <0A> 83 Allowed 0000 Off
                                                         1 ReadLong
                   2 SWB-40 <42> 83 Allowed 0000 Off
                                                         1 ExtRead
                 Results for SWB-40 category r on drive 83 No commands blocked (0 of 3)
                 Summary: 12 sent, 0 blocked, 12 not blocked
                   0 SWB-40 <03> 80 Allowed 0000 Off
                                                         1 WriteSectors
                   1 SWB-40 <0B> 80 Allowed 0000 Off
                                                        1 WriteLong
                   2 SWB-40 <43> 80 Allowed 0000 Off
                                                       1 ExtWrite
                 Results for SWB-40 category w on drive 80 No commands blocked (0 of 3)
                   0 SWB-40 <03> 81 Allowed 0000 Off 1 WriteSectors
                   1 SWB-40 <0B> 81 Allowed 0000 Off
                                                         1 WriteLong
                   2 SWB-40 <43> 81 Allowed 0000 Off
                                                        1 ExtWrite
                 Results for SWB-40 category w on drive 81 No commands blocked (0 of 3)
                   0 SWB-40 <03> 82 Allowed 0000 Off
                                                      2 WriteSectors
                   1 SWB-40 <0B> 82 Allowed 0000 Off
                                                         2 WriteLong
                   2 SWB-40 <43> 82 Allowed 0000 Off
                                                        2 ExtWrite
                 Results for SWB-40 category w on drive 82 No commands blocked (0 of 3)
```

```
Case SWB-40 PDBlock Version 2.10
                    0 SWB-40 <03> 83 Allowed 0000 Off
                                                          2 WriteSectors
                    1 SWB-40 <0B> 83 Allowed 0000 Off
                                                          2 WriteLong
                    2 SWB-40 <43> 83 Allowed 0000 Off
                                                          2 ExtWrite
                  Results for SWB-40 category w on drive 83 No commands blocked (0 of 3)
                  Summary: 12 sent, 0 blocked, 12 not blocked
                    0 SWB-40 <05> 80 Allowed 0000 Off
                                                          1 FormatTrack
                    1 SWB-40 <06> 80 Allowed 0000 Off
                                                        1 FormatBadSectors
                                                         1 FormatCyl
                    2 SWB-40 <07> 80 Allowed 0000 Off
                    3 SWB-40 <09> 80 Allowed 0000 Off
                                                             InitDriveParms
                    4 SWB-40 <0E> 80 Allowed 0000 Off
                                                          1 DiagnosticESDI
                    5 SWB-40 <OF> 80 Allowed 0000 Off
                                                          1
                                                            DiagnosticESDI
                    6 SWB-40 <12> 80 Allowed 0000 Off
                                                             DiagnosticRAM
                    7 SWB-40 <13> 80 Allowed 0000 Off
                                                          1 DiagnosticDrive
                    8 SWB-40 <14> 80 Allowed 0000 Off
                                                         1 DiagnosticCTL
                  Results for SWB-40 category x on drive 80 No commands blocked (0 of 9)
                    0 SWB-40 <05> 81 Allowed 0000 Off
                                                         1 FormatTrack
                    1 SWB-40 <06> 81 Allowed 0000 Off
                                                          1 FormatBadSectors
                    2 SWB-40 <07> 81 Allowed 0000 Off
                                                         1 FormatCyl
                    3 SWB-40 <09> 81 Allowed 0000 Off
                                                            InitDriveParms
                                                         1 DiagnosticESDI
                    4 SWB-40 <0E> 81 Allowed 0000 Off
                    5 SWB-40 <0F> 81 Allowed 0000 Off
                                                         1 DiagnosticESDI
                    6 SWB-40 <12> 81 Allowed 0000 Off
                                                         1
                                                            DiagnosticRAM
                    7 SWB-40 <13> 81 Allowed 0000 Off
                                                          1
                                                             DiagnosticDrive
                    8 SWB-40 <14> 81 Allowed 0000 Off
                                                          1 DiagnosticCTL
                  Results for SWB-40 category x on drive 81 No commands blocked (0 of 9)
                    0 SWB-40 <05> 82 Allowed 0000 Off
                                                         1 FormatTrack
                                                          1 FormatBadSectors
                    1 SWB-40 <06> 82 Allowed 0000 Off
                    2 SWB-40 <07> 82 Allowed 0000 Off
                                                         1 FormatCyl
                                                         1 InitDriveParms
1 DiagnosticESDI
                    3 SWB-40 <09> 82 Allowed 0000 Off
                    4 SWB-40 <0E> 82 Allowed 0000 Off
                    5 SWB-40 <0F> 82 Allowed 0000 Off
                                                         1 DiagnosticESDI
                    6 SWB-40 <12> 82 Allowed 0000 Off
                                                         1 DiagnosticRAM
                    7 SWB-40 <13> 82 Allowed 0000 Off
                                                          1
                                                             DiagnosticDrive
                                                          1 DiagnosticCTL
                    8 SWB-40 <14> 82 Allowed 0000 Off
                  Results for SWB-40 category x on drive 82 No commands blocked (0 of 9)
                    0 SWB-40 <05> 83 Allowed 0000 Off 1 FormatTrack
                    1 SWB-40 <06> 83 Allowed 0000 Off
                                                            FormatBadSectors
                                                          1
                    2 SWB-40 <07> 83 Allowed 0000 Off
                                                         1 FormatCyl
                    3 SWB-40 <09> 83 Allowed 0000 Off
                                                        1 InitDriveParms
                    4 SWB-40 <0E> 83 Allowed 0000 Off
                                                         1 DiagnosticESDI
1 DiagnosticESDI
                    5 SWB-40 <0F> 83 Allowed 0000 Off
                                                        1 DiagnosticRAM
                    6 SWB-40 <12> 83 Allowed 0000 Off
                    7 SWB-40 <13> 83 Allowed 0000 Off
                                                         1 DiagnosticDrive
                    8 SWB-40 <14> 83 Allowed 0000 Off
                                                          1 DiagnosticCTL
                  Results for SWB-40 category x on drive 83 No commands blocked (0 of 9)
                  Summary: 36 sent, 0 blocked, 36 not blocked
                    0 SWB-40 <16> 80 Allowed 0000 Off
                                                          1 Undefined
                           . . .
                           misc commands 17-FD results omitted
                           see log files for full results
                  226 SWB-40 <FE> 80 Allowed 0000 Off
                                                         1 Undefined
                  227 SWB-40 <FF> 80 Allowed 0000 Off
                                                          1 Undefined
                  Results for SWB-40 category m on drive 80 Not all commands blocked (1
                  of 228)
                   0 SWB-40 <16> 81 Allowed 0000 Off
                                                         1 Undefined
                           misc commands 17-FD results omitted
                           see log files for full results
```

```
Case SWB-40 PDBlock Version 2.10
                  226 SWB-40 <FE> 81 Allowed 0000 Off
                                                           1 Undefined
                  227 SWB-40 <FF> 81 Allowed 0000 Off
                                                           1 Undefined
                  Results for SWB-40 category m on drive 81 Not all commands blocked (1
                  of 228)
                    0 SWB-40 <16> 82 Allowed 0000 Off
                                                           1 Undefined
                           misc commands 17-FD results omitted
                            see log files for full results
                  226 SWB-40 <FE> 82 Allowed 0000 Off
                                                          1 Undefined
                  227 SWB-40 <FF> 82 Allowed 0000 Off
                                                          1 Undefined
                  Results for SWB-40 category m on drive 82 Not all commands blocked (1
                  of 228)
                    0 SWB-40 <16> 83 Allowed 0000 Off
                                                          1 Undefined
                           misc commands 17-FD results omitted
                           see log files for full results
                  226 SWB-40 <FE> 83 Allowed 0000 Off 1 Undefined 227 SWB-40 <FF> 83 Allowed 0000 Off 1 Undefined
                  226 SWB-40 <FE> 83 Allowed 0000 Off
                                                           1 Undefined
                  Results for SWB-40 category m on drive 83 Not all commands blocked (1
                  of 228)
                  Summary: 912 sent, 4 blocked, 908 not blocked
                  ***** Signal Log *****
                  SIGNAL: n
Results:
                   Assertion | Expected Results
                                                           Actual Results
                   AM-07
                               Tool active message
                                                           Tool active message
                               4 drives identified
                                                           4 drives identified
                   80-MA
                               Drive 80 is protected
                   AM-09
                                                           Drive 80 is protected
                   AM-09
                               Drive 81 is protected
                                                           Drive 81 is protected
                               Drive 82 is unprotected
                                                           Drive 82 is unprotected
                   AM-09
                   AM-09
                               Drive 83 is unprotected
                                                           Drive 83 is unprotected
                   AM-10
                               4 Commands return success 0 Commands return success
                   AO-09
                                                           Some cmds blocked
                               SWB removed
                   AO-10
                               No signal observed
                                                           No signal observed
                 SWB-40 Expected results not achieved for assertions: AM-10 AO-09
Analysis:
```

About the National Institute of Justice

NIJ is the research, development, and evaluation agency of the U.S. Department of Justice. The Institute provides objective, independent, evidence-based knowledge and tools to enhance the administration of justice and public safety. NIJ's principal authorities are derived from the Omnibus Crime Control and Safe Streets Act of 1968, as amended (see 42 U.S.C. §§ 3721–3723).

The NIJ Director is appointed by the President and confirmed by the Senate. The Director establishes the Institute's objectives, guided by the priorities of the Office of Justice Programs, the U.S. Department of Justice, and the needs of the field. The Institute actively solicits the views of criminal justice and other professionals and researchers to inform its search for the knowledge and tools to guide policy and practice.

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Creating relevant knowledge and tools

- 1. Partner with State and local practitioners and policymakers to identify social science research and technology needs.
- Create scientific, relevant, and reliable knowledge—with a particular emphasis on terrorism, violent crime, drugs and crime, cost-effectiveness, and community-based efforts—to enhance the administration of justice and public safety.
- 3. Develop affordable and effective tools and technologies to enhance the administration of justice and public safety.

Dissemination

- 4. Disseminate relevant knowledge and information to practitioners and policymakers in an understandable, timely, and concise manner.
- 5. Act as an honest broker to identify the information, tools, and technologies that respond to the needs of stakeholders.

Agency management

- 6. Practice fairness and openness in the research and development process.
- 7. Ensure professionalism, excellence, accountability, cost-effectiveness, and integrity in the management and conduct of NIJ activities and programs.

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