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Test Results for Software Write Block Tools: PDBLOCK Version 2.00	

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JUNE 05

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This report was prepared for the National Institute of Justice, U.S. Department of Justice, by the Office of Law Enforcement Standards of the National Institute of Standards and Technology under Interagency Agreement 2003–IJ–R–029.

The National Institute of Justice is a component of the Office of Justice Programs, which also includes the Bureau of Justice Assistance, the Bureau of Justice Statistics, the Office of Juvenile Justice and Delinquency Prevention, and the Office for Victims of Crime.

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June 2005



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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 2.00 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 2.00 © 1999 DIGITAL INTELLIGENCE, INC.

Operating System: MS–DOS[®] (Windows[®] 98 DOS)¹ Version 4.10.2222

Supplier: Digital Intelligence, Inc.

1325 Pearl Street Waukesha, WI 53186 262–524–9363

202-324-9303

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.

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 configuration and miscellaneous categories 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.

¹ MS–DOS and Windows are registered trademarks of Microsoft Corporation.

The tool did not block five commands in the configuration category: Initialize Drive Parameters (0x09), PS/2 ESDI Diagnostic (0x0E), PC/XT Controller Ram Diagnostic (0x12), the controller drive diagnostic command (0x13), and Controller Internal Diagnostic (0x14). These commands are rarely used, if at all. 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 setting of the */fail* command line option.

Test cases: SWB-03, SWB-04, SWB-05, SWB-06, SWB-15, SWB-16, SWB-17, and SWB-18.

Although PDBLOCK Version 2.00 always protects drives from write commands, it does not report the accessible drives. Therefore it does not meet the SWB–RM–04 requirement from *Software Write Block Tool Specification & Test Plan Version 3.0*: The tool shall report all drives accessible by the covered interfaces.

Test cases: All.

3.0 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 2.00.

4.0 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*.

4.1 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 2.00 blocked every command sent from the write category 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. Except for five commands, PDBLOCK Version 2.00 blocked every command sent from the configuration category to a protected drive. The commands not blocked by the tool were the Initialize Drive Parameters (0x09), PS/2 ESDI Diagnostic (0x0E), PC/XT Controller Ram Diagnostic (0x12), the controller drive diagnostic command (0x13), and Controller Internal Diagnostic (0x14).

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 2.00 only blocked three of the commands sent from the miscellaneous category to a protected drive. Command codes 0x1A, 0x22, and 0xED were blocked; all other command codes were allowed. Table 4–1 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 4-1 Extract from Test Case SWB-06 Test Log

	Case	Cmd Dr	CV	Action	Stat	Cry	Count	Cmd Name	
3	SWB-06	<19> 8	30	Allowed	0000	Off	1	Undefined	
4	SWB-06	<1A> 8	30	Blocked	0000	Off	0	Undefined	
5	SWB-06	<1B> 8	30	Allowed	0000	Off	1	Undefined	
11	SWB-06	<21> 8	30	Allowed	0000	Off	1	Undefined	
12	SWB-06	<22> 8	30	Blocked	0000	Off	0	Undefined	
13	SWB-06	<23> 8	30	Allowed	0000	Off	1	Undefined	
208	SWB-06	<ec> 8</ec>	30	Allowed	0000	Off	1	Undefined	
209	SWB-06	<ed> 8</ed>	30	Blocked	0100	On	0	Undefined	
210	SWB-06	<ee> 8</ee>	30	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 2.00 never blocked any command sent from the read category 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 2.00 never blocked any commands sent from the control category.

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 2.00 never blocked any command sent from the information category 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 2.00 always issued the message **PDBlock Version 2.00** 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.

PDBLOCK Version 2.00 does not identify the accessible drives with a message.

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 2.00 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 2.00 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 (invalid command). See <u>Table 4–1</u>, a log file extract from test case SWB–06, and note that line 209 (result for the 0xED command) returns error 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 2.00 was configured to return *fail* on blocked commands, all blocked commands returned *fail*.

4.2 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 2.00 blocked every command sent from the write category 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 2.00 blocked every command (with the exception of five) sent from the configuration category to a protected drive. The tool does not block the following commands: the Initialize Drive Parameters (0x09), PS/2 ESDI Diagnostic (0x0E), PC/XT Controller Ram Diagnostic (0x12), the controller drive diagnostic command (0x13), and Controller Internal Diagnostic (0x14).

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 2.00 only blocked three of the commands sent from the miscellaneous category 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 2.00 never blocked any command sent from the read category 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 2.00 never blocked any command sent from the control category 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 2.00 never blocked any command sent from the information category 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, PDBLOCK Version 2.00 never blocked any command sent to an unprotected drive.

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 2.00 and 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 SHA1² 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 2.00 never blocked any commands sent. The exception is command code 0xED. This command code is always blocked.

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

PDBLOCK Version 2.00 always indicated a blocked command with an audible signal.

5.0 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

² 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).

host computers were used for execution of test cases: HecRamsey, McCloud, McMillan, AndWife, Cadfael, Rumpole, Wimsey, and JudgeDee. Eight hard drives (eight different models and three different brands) were used for the tests (<u>Table 5–3</u>).

5.1 Test Computers

Four host computers—Cadfael, Rumpole, Wimsey, and JudgeDee—have the following hardware components in common:

Table 5-1 Extended BIOS Host Computer Hardware Components

ASUS CUSL2 Motherboard

BIOS: Award Medallion v6.0

Intel Pentium III (Coppermine) 933Mhz

512672k Memory

Adaptec 29160N SCSI Adapter card Plextor CR–RW PX–W124TS Rev: 1.06

Iomega 2GB Jaz drive Rev: E.17

LS-120 Super floppy

Two slots for removable IDE hard disk drives Two slots for removable SCSI hard disk drive

Rumpole also has a 30GB OnStream SC30 tape drive (not used in the test procedures). JudgeDee has a third slot for a removable IDE hard disk drive.

The computers HecRamsey, McCloud, McMillan, and AndWife have the following hardware components in common:

Table 5–2 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

5.2 Hard Disk Drives

The hard disk drives that were used are listed in <u>Table 5–3</u>. These hard drives were mounted in removable storage modules. Any combination of up to three IDE hard drives and two SCSI hard drives were installed in HecRamsey, McCloud, McMillan, AndWife, Cadfael, Rumpole,

Wimsey, or JudgeDee 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 5-3 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
E4	QUANTUM_ATLAS10K2-TY092J	SCSI	17938985	9.18
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 5–4</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 5–4 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
E4	N Start LBA Length boot Partition type
	1 P 000000063 006152832 Boot 0B Fat32
	2 X 008193150 009735390

Drive Label		Partition Table				
	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 008498385	001237005	05 extended			
	9 S 000000063	001236942	1B other			
F6	N Start LBA	Length b	oot Partition type			
	1 P 000000063	006152832 B	Boot OB Fat32			
	2 X 008193150	031985415	OF 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, a SHA1 hash value was computed for the entire drive (<u>Table 5–5</u>). After testing was finished, a SHA1 hash value was computed again (<u>Table 5–6</u>). The lack of change in the SHA1 hash values indicates that no changes were made to the drives during testing.

Table 5-5 Drive SHA1 Values Before Testing

Drive	SHA1 Hash Value
1F	7DB8B538BC38907FC22B1CA79996D97F77421418
2B	2A7810E851B7392C3D4836A5DFFB5E73E8295C6F
64	8F52C49579C70407FE6D0EDCBE3FD7C42972823A
6F	7C2F5F4FB0D04E5F1B51D0888753A1B125A503EA
8A	891444D852E0C48C4713952B3BDAD89E03C205FD
90	08B4905B4D012401656248C39C904F6072476293
E4	25BF8AF6B2D3E0BD1909C96E368DB27F51C49CBF
F6	8034683D5D55BA51409AC7B5CB0845CA2CF6B235

Table 5-6 Drive SHA1 Values After Testing

Drive	SHA1 Hash Value
1F	7DB8B538BC38907FC22B1CA79996D97F77421418
2B	2A7810E851B7392C3D4836A5DFFB5E73E8295C6F
64	8F52C49579C70407FE6D0EDCBE3FD7C42972823A
6F	7C2F5F4FB0D04E5F1B51D0888753A1B125A503EA
8A	891444D852E0C48C4713952B3BDAD89E03C205FD
90	08B4905B4D012401656248C39C904F6072476293
E4	25BF8AF6B2D3E0BD1909C96E368DB27F51C49CBF
F6	8034683D5D55BA51409AC7B5CB0845CA2CF6B235

5.3 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 5–7</u> are required for testing.

Table 5–7 Software Required for Testing

Program	Description
SWB Tool	The software write block tool to be tested.
TALLY13	The interrupt 0x13 monitor program. The monitor program blocks all
	interrupt 0x13 command functions, counts the number of times each
	function is requested for each drive, and 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.

5.4 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 2.00: **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.

6.0 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.

6.1 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.

PDBLOCK Version 2.00 does not conform to this test assertion because it does not issue a message indicating all 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.

If drive **N** is listed on the PDBLOCK command line and the Install PDBLOCK log reports drive **N** as locked, then the test case conforms to the test 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 2.00 is configured to return *success* on blocked commands by default unless the *fail* flag is 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 2.00 is configured to return *fail* on blocked commands if the */fail* flag is 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 the drives not listed on the PDBLOCK command line. 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 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.

6.2 Test Results Summary Key

A summary of the actual test results is presented in this report (see 7.0 Test Results Summaries). The following table presents a description of each section of the test report summary.

Table 6–1 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 Software Write Block
	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 2.00 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 file created for PDBLOCK Version 2.00 is 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 2.00 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 file is obtained by output redirection of the execution of PDBLOCK Version 2.00. The log file contains 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 2.00 and the action taken by PDBLOCK to either block or allow each command sent. The format of the file is as follows:
	 Command line. The command line used to execute TEST-HDL. This line begins with the string CMD. Case number. Interrupt 0x13 functions. The category of interrupt 0x13 functions tested by this case.

Heading	Description
	 Date. 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. Operator. The operator running the test. Host. The host computer running the test. 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 2.00 (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 2.00, 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.

7.0 Test Results Summaries

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:	Thu Jan 22 12:00:44 2004
Test PC:	McCloud
Test Software:	SWBT 1.0
Hard Drives Used:	Drive 80, label 90 is a WDC WD300BB-00CAA0 with 58633344 sectors Drive 81, label F6 is an IBM-DTLA-307020 with 40188960 sectors
useu.	Drive 81, label 6F is a Maxtor 6Y06OLO with 120103200 sectors
	Drive 83, label 1F is a Quantum ATLAS10K3_18_SCA Drive with 35916548
	sectors
	Drive 84, 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:	tally13
	A:\pdblock all /fail
	test-hdl SWB-01 McCloud PEB w 90 F6 6F 1F 2B
Log File	Shutdown Test PC ***** 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 (01/22/04 at 11:57:53) Going TSR
	***** Install PDB Log *****
	PDBlock Version 2.00: (P)hysical (D)isk Write (BLOCK)er
	Drives Protected: ALL
	Return Code: FAILURE
	Bell: ON
	Message: ON ***** Test Harness Log *****
	CMD: A:\TEST-HDL.EXE SWB-01 McCloud PEB w 90 F6 6F 1F 2B
	Case: SWB-01
	Command set: Write Date: Thu Jan 22 12:00:44 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: McCloud Number of drives 5, Drives: 90 F6 6F 1F 2B
	Case Cmd Drv Action Stat Cry Count Cmd Name
	0 SWB-01 <03> 80 Blocked 0300 On 0 WriteSectors
	1 SWB-01 <0B> 80 Blocked 0300 On 0 WriteLong
	2 SWB-01 <43> 80 Blocked 0300 On 0 ExtWrite
	Results for SWB-01 category w on drive 80 All commands blocked (3 of 3)
	0 SWB-01 <03> 81 Blocked 0300 On 0 WriteSectors
	1 SWB-01 <0B> 81 Blocked 0300 On 0 WriteLong 2 SWB-01 <43> 81 Blocked 0300 On 0 ExtWrite

Case SWB-01 PDBlo	ck Version 2	.00	
	Results for	SWB-01 category w on drive 81	All commands blocked (3 of 3)
	0 SWB-01	<03> 82 Blocked 0300 On 0	WriteSectors
	1 SWB-01	<0B> 82 Blocked 0300 On 0	WriteLong
	2 SWB-01	<43> 82 Blocked 0300 On 0	ExtWrite
	Results for	SWB-01 category w on drive 82	All commands blocked (3 of 3)
		<03> 83 Blocked 0300 On 0	
		<0B> 83 Blocked 0300 On 0	
	2 SWB-01	<43> 83 Blocked 0300 On 0	ExtWrite
		SWB-01 category w on drive 83	*
		<03> 84 Blocked 0300 On 0	
	1 SWB-01	<0B> 84 Blocked 0300 On 0	WriteLong
		<43> 84 Blocked 0300 On 0	
		SWB-01 category w on drive 84	
	Summary: 15	sent, 15 blocked, 0 not blocked	ed
		l Log ****	
Pagulta:	SIGNAL: y		Agtual Pogulta
Results:	SIGNAL: y Assertion	Expected Results	Actual Results
Results:	SIGNAL: y Assertion AM-01	Expected Results All cmds to drive 80 blocked	All cmds to drive 80 blocked
Results:	SIGNAL: y Assertion AM-01 AM-01	Expected Results All cmds to drive 80 blocked All cmds to drive 81 blocked	All cmds to drive 80 blocked All cmds to drive 81 blocked
Results:	SIGNAL: y Assertion AM-01 AM-01 AM-01	Expected Results All cmds to drive 80 blocked All cmds to drive 81 blocked All cmds to drive 82 blocked	All cmds to drive 80 blocked All cmds to drive 81 blocked All cmds to drive 82 blocked
Results:	SIGNAL: y Assertion AM-01 AM-01 AM-01 AM-01 AM-01	Expected Results 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
Results:	SIGNAL: y Assertion AM-01 AM-01 AM-01 AM-01 AM-01 AM-01	Expected Results 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 84 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 All cmds to drive 84 blocked
Results:	SIGNAL: y Assertion AM-01 AM-01 AM-01 AM-01 AM-01 AM-01 AM-07	Expected Results 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 84 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 All cmds to drive 84 blocked Tool active message
Results:	SIGNAL: y Assertion AM-01 AM-01 AM-01 AM-01 AM-01 AM-01 AM-07 AM-08	Expected Results 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 84 blocked Tool active message 5 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 All cmds to drive 84 blocked Tool active message No drives identified
Results:	SIGNAL: y Assertion AM-01 AM-01 AM-01 AM-01 AM-01 AM-01 AM-07 AM-08 AM-09	Expected Results 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 84 blocked Tool active message 5 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 All cmds to drive 84 blocked Tool active message No drives identified Drive 80 is protected
Results:	SIGNAL: y Assertion AM-01 AM-01 AM-01 AM-01 AM-01 AM-01 AM-07 AM-08 AM-09 AM-09	Expected Results 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 84 blocked Tool active message 5 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 All cmds to drive 84 blocked Tool active message No drives identified Drive 80 is protected Drive 81 is protected
Results:	SIGNAL: y Assertion AM-01 AM-01 AM-01 AM-01 AM-01 AM-07 AM-08 AM-09 AM-09 AM-09	Expected Results 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 84 blocked Tool active message 5 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 All cmds to drive 84 blocked Tool active message No drives identified Drive 80 is protected Drive 81 is protected Drive 82 is protected
Results:	SIGNAL: y Assertion AM-01 AM-01 AM-01 AM-01 AM-01 AM-07 AM-08 AM-09 AM-09 AM-09 AM-09 AM-09	Expected Results 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 84 blocked Tool active message 5 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 All cmds to drive 84 blocked Tool active message No drives identified Drive 80 is protected Drive 81 is protected Drive 82 is protected Drive 83 is protected
Results:	SIGNAL: y Assertion AM-01 AM-01 AM-01 AM-01 AM-01 AM-07 AM-08 AM-09 AM-09 AM-09	Expected Results 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 84 blocked Tool active message 5 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 All cmds to drive 84 blocked Tool active message No drives identified Drive 80 is protected Drive 81 is protected Drive 82 is protected
Results:	SIGNAL: y Assertion AM-01 AM-01 AM-01 AM-01 AM-01 AM-07 AM-08 AM-09 AM-09 AM-09 AM-09 AM-09 AM-09	Expected Results 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 84 blocked Tool active message 5 drives identified Drive 80 is protected Drive 81 is protected Drive 82 is protected Drive 83 is protected Drive 84 is protected Drive 84 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 All cmds to drive 84 blocked All cmds to drive 84 blocked Tool active message No drives identified Drive 80 is protected Drive 81 is protected Drive 82 is protected Drive 83 is protected Drive 84 is protected

Case SWB-02 PDBlo	ock Version 2.00		
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:	JRL		
Test Date:	Thu Jan 22 12:39:47 2004		
Test PC:	HecRamsey		
Test Software:	SWBT 1.0		
Hard Drives	Drive 80, label 8A is a WDC WD200EB-00CSF0 with 39102336 sectors		
Used:	Drive 81, 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:	tally13		
	A:\pdblock 01		
	test-hdl SWB-02 HecRamsey JRL w 8A 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		

```
Case SWB-02 PDBlock Version 2.00
                  @(#) Version 1.1 Created 07/29/03 at 07:28:05
                  Now (01/22/04 at 12:31:27) Going . . . TSR
                  ***** Install PDB Log *****
                  PDBlock Version 2.00: (P)hysical (D)isk Write (BLOCK)er
                  Drives Protected: 0.1
                  Return Code:
                                    SUCCESS
                  Bell:
                                   ON
                  Message:
                                   ON
                  ***** Test Harness Log *****
                  CMD: A:\TEST-HDL.EXE SWB-02 HecRamsey JRL w 8A E4
                  Case: SWB-02
                  Command set: Write
                  Date: Thu Jan 22 12:39:47 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: JRL
                  Host: HecRamsey
                  Number of drives 2, Drives: 8A E4
                      Case Cmd Drv Action Stat Cry Count Cmd Name
                    0 SWB-02 <03> 80 Blocked 0000 Off 0 WriteSectors
                                                        0 WriteLong
                    1 SWB-02 <0B> 80 Blocked 0000 Off
                    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
                                                         0 ExtWrite
                    2 SWB-02 <43> 81 Blocked 0000 Off
                  Results for SWB-02 category w on drive 81 All commands blocked (3 of 3)
                  Summary: 6 sent, 6 blocked, 0 not blocked
                  ***** Signal Log *****
                  SIGNAL: y
Results:
                   Assertion
                              Expected Results
                                                            Actual Results
                              All cmds to drive 80 blocked
                                                            All cmds to drive 80 blocked
                   AM - 0.1
                   AM-01
                              All cmds to drive 81 blocked
                                                            All cmds to drive 81 blocked
                   AM-07
                              Tool active message
                                                            Tool active message
                              2 drives identified
                   80-MA
                                                            No drives identified
                   AM-09
                              Drive 80 is protected
                                                            Drive 80 is protected
                                                            Drive 81 is protected
                              Drive 81 is protected
                   AM-09
                   AM-10
                              6 Commands return success
                                                            6 Commands return success
                   AO-10
                              Signal observed
                                                            Signal observed
Analysis:
                  SWB-02 Expected results not achieved for assertions: AM-08
```

Case SWB-03 PDBlo	ock Version 2.00		
Case summary:	SWB-03 Install one drive, configure return code to failure, protect all		
	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.		
	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:	Thu Jan 22 12:26:41 2004		
Test PC:	Wimsey		
Test Software:	SWBT 1.0		
Hard Drives	Drive 80, label 64 is a WDC WD64AA with 12594960 sectors		

Case SWB-03 PDBlock Version 2.00			
Used:			
Commands	Boot Test B	PC to (DOS 7.1) Windows 98 [V	ersion 4.10.2222]
executed:	tally13	, , , , , , , , , , , , , , , , , , , ,	•
	A:\pdblock	0 /fail	
		JB-03 Wimsey PEB x 64	
	Shutdown Te	est PC	
Log File		or Execution ****	
Highlights:		OS interrupt 13h (disk servic	e)
3 3		ompiled on 07/29/03 at 07:33:	
	_	on 1.1 Created 07/29/03 at 07	
		04 at 12:24:20) Going	
		all PDB Log ****	
		rsion 2.00: (P)hysical (D)isk	Write (BLOCK)er
	Drives Prot		(,
	Return Code		
	Bell:	ON	
	Message:	ON	
	_	Harness Log ****	
		ST-HDL.EXE SWB-03 Wimsey PEB	x 64
	Case: SWB-0	-	
		: Configure	
		an 22 12:26:41 2004	
	2400 1114 0	dii 22 12 20 11 2001	
	Version: @(#) test-hdl.cpp Version 1.1	Created 08/23/03 at 10:13:51
) wb-defs.h Version 1.2 Creat	
		piled on Aug 31 2003 at 08:10	
	Operator: E	-	, , , , ,
	Host: Wimse		
		drives 1, Drives: 64	
			nt Cmd Name
	Case Cmd Drv Action Stat Cry Count Cmd Name 0 SWB-03 <05> 80 Blocked 0300 On 0 FormatTrack 1 SWB-03 <06> 80 Blocked 0300 On 0 FormatBadSectors 2 SWB-03 <07> 80 Blocked 0300 On 0 FormatCyl 3 SWB-03 <09> 80 Allowed 0000 Off 1 InitDriveParms 4 SWB-03 <0E> 80 Allowed 0000 Off 1 DiagnosticESDI 5 SWB-03 <0F> 80 Blocked 0300 On 0 DiagnosticESDI 6 SWB-03 <12> 80 Allowed 0000 Off 1 DiagnosticRAM 7 SWB-03 <13> 80 Allowed 0000 Off 1 DiagnosticDrive		
	8 SWB-03 <14> 80 Allowed 0000 Off 1 DiagnosticCTL Results for SWB-03 category x on drive 80 Not all commands blocked (4		
		SWB-03 Category x on drive	80 NOC all commands blocked (4
	of 9) Summary: 9 sent, 4 blocked, 5 not blocked		
	Sullillary. 9	selic, 4 blocked, 5 hot block	ea
	***** Ciana	il Log ****	
	SIGNAL: y	II 109	
Dam.15	<u> </u>	Dominated Describe	Jahrel Berelte
Results:	Assertion		Actual Results
	AM-02		Not all cmds to drive 80
	1	blocked	blocked
	AM-07 Tool active message		Tool active message
	AM-08	1 drives identified	No drives identified
	AM-09	Drive 80 is protected	Drive 80 is protected
	AM-11 4 Commands return fail 4 Commands return fail AO-10 Signal observed Signal observed		
Analysis:	SWB-03 Expe	ected results not achieved fo	r assertions: AM-02 AM-08
-	· · ·		

Case SWB-04 PDBlock Version 2.00			
Case summary:	SWB-04 Install all drives, configure return code to success, protect		
	all 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		

of 9) 0 SWB-04 <05> 81 Blocked 0000 Off	Coco CWB 04 DDB1	ogh Voncion 2 00			
### 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-AD-10. If the tool blocks a command then the tool shall issue either an audio or a visual signal. ### PEB ### Test PC: McCloud ### Test PC: McCloud PEB x 90 F6 6F 1F 2B ### Monitor Execution ***** ### PDBlock Version 2.00: (Plhysical (D)isk Write (BLOCK)er Drives Protected ** ALL Return Code: SUCCESS ### Bell: ### ON Message: ### ON Message: ### ON Message: ### One Act PC Substantial ***** ### Command set: Configure Date: Thu Jan 22 12:11:56 2004 ### Wersion 1.1 Created 07:24 00:12 0	Case SWB-04 PDBIC				
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. Test Date:					
Indicate successful command execution. SNB-AO-10. If the tool blocks a command then the tool shall issue either an audio or a visual signal. Test PC:					
SNB-AO-10. If the tool blocks a command then the tool shall issue either an audio or a visual signal. Test Date:					
Tester Name: PEB Test Date: Thu Jan 22 12:11:56 2004 Test PC: McCloud Test Software: SWBT 1.0 Test PC: McCloud Test Software: SWBT 1.0 The Software: Drive 80, label 90 is a WDC WD300BB-00CAA0 with 58633344 sectors Drive 81, label 66 is an IBM-DTLA-307020 with 40188960 sectors Drive 82, label 67 is a MaxTor 6706010 with 120103200 sectors Drive 82, label 67 is a MaxTor 6706010 with 120103200 sectors Drive 83, label 1F is a Quantum QM39100TD-SCA Drive with 35916548 sectors Drive 84, label 2B is a Quantum QM39100TD-SCA Drive with 17783249 sectors Commands executed: Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222] tally13 A:\pdblock all test-hol SWB-04 McCloud PEB x 90 F6 6F 1F 2B Shutdown Test PC Log File Highlights: Monitor BKOS interrupt 13h (disk service) tally13 compiled on 07/29/03 at 07:38:105 Now (01/22/04 at 12:06:47) Going TSR ****** Install PDB Log ***** PDBlock Version 2.00: (Plhysical (D)isk Write (BLOCK)er Drivea Protected: ALL Return Code: SUCCESS Bell: ON Message: ON Message: ON Message: ON Message: ON Message: ON ****** Test Harness Log ***** CMD: A:\TEST-HOLE, EXE SWB-04 McCloud PEB x 90 F6 6F 1F 2B Case: SNB-04 Command set: Configure Date: Thu Jan 22 12:11:56 2004 Version: 0(#) be-defs.1 Version 1.2 Created 08/31/03 at 08:18:19 Coperator: FEB Host: McCloures 5, Drives: 90 F6 6F 1F 2B Case: SNB-04 Operator: FEB Host: McCloures 5, Drives: 90 F6 6F 1F 12B Coperator: FEB Host: McCloures 60 Blocked 0000 Off OF FormatTrack 1 SNB-04 <05> 80 Blocked 0000 Off OF FormatTrack 2 SNB-04 <05> 80 Blocked 0000 Off OF FormatTrack 3 SNB-04 <05> 80 Blocked 0000 Off OF DiagnosticKND1 6 SNB-04 <05> 80 Blocked 0000 Off OF DiagnosticKND1 7 SNB-04 <12> 80 Allowed 0000 Off OF DiagnosticKND1 8 SNB-04 <05> 80 Blocked 0000 Off OF DiagnosticKND1 9 SNB-04 <05> 80 Blocked 0000 Off OF DiagnosticKND1 9 SNB-04 <05> 80 Blocked 0000 Off OF DiagnosticKND1 9 SNB-04 <05> 80 Blocked 0000 Off OF FormatCyl 1 SNB-04 <05> 80 Blocked 0000 Off OF DiagnosticKND1 9 SNB-04 <05> 80 Blocked 0000 Off OF DiagnosticKND1 9 SNB-04 <05					
Test Date: PEB Test Date: Thu Jan 22 12:11:56 2004 Test PC: McCloud Test Schware: SMBT 1.0 Hard Drives Used: Drive 80, label 90 is a WDC WD300BB-00CAA0 with 5863334 sectors Drive 81, label 16 is an HBM-DTLA-307020 with 40188960 sectors Drive 82, label 16 is a Maxtor 67060L0 with 120102200 sectors Drive 83, label 17 is a Quantum ATLAS10K3_18_SCA Drive with 35916548 sectors Drive 84, label 28 is a Quantum QM39100TD-SCA Drive with 17783249 sectors Drive 84, label 28 is a Quantum QM39100TD-SCA Drive with 17783249 sectors Schware: McCloud PEB x 90 F6 6F 1F 2B Shutdown Test PC Log File Highlights: McMindown Test PC Log File WcMindown Test District PC Log File Highlights: McMindown Test PC Log File WcMindown Test District PC Log File WcMindown Test PC Compiled on Aug 31 2003 at 08:10:54 Operator: FEB Host: WcMindown Test PC Compiled on Aug 31 2003 at 08:10:54 Operator: FEB Host: WcMindown Test PC Compiled on Aug 31 2003 at 08:10:54 Operator: FEB Host: WcMindown Test PC Compiled on Aug 31 2003 at 08:10:54 Operator: PEB Host: WcMindown Test PC Compiled on Aug 31 2003 at 08:10:54 Operator: PEB Host: WcMindown Test PC Compiled on Aug 31 2003 at 08:10:54 Operator: PEB Host: WcMindown Test PC Compiled on Aug 31 2003 at 08:10:54 Operator: PEB Host: WcMindown Test PC Compiled on Aug 31 2003 at 08:10:54 Operator: PEB Host: WcMindown Test PC Compiled on Aug					
Test Date: Thu Jan 22 12:11:56 2004 Test Software: SMBT 1.0 Hard Drives Drive 80, label 90 is a NDC ND300BB-00CAA0 with \$8633344 sectors Drive 81, label 76 is an IBM-DTLA-207020 with 40188960 sectors Drive 83, label 1F is a Quantum ATLASION3_18_SCA Drive with \$5916548 sectors Drive 83, label 1F is a Quantum CM39100TD-SCA Drive with \$5916548 sectors Drive 84, label 2B is a Quantum CM39100TD-SCA Drive with \$17783249 Sectors Drive 84, label 2B is a Quantum CM39100TD-SCA Drive with \$17783249 sectors Drive 84, label 2B is a Quantum CM39100TD-SCA Drive with \$17783249 sectors CM3 S	Togtor Namo:				
Test SOTIWARE: Mard Drives Drive 80, label 90 is a WDC WD300BB-00CAD with 58533344 sectors Drive 81, label F6 is an IBM-DTIA-307020 with 40188960 sectors Drive 82, label F6 is a Maxtor 67060L0 with 120103200 sectors Drive 82, label 1F is a Quantum ATLAS10X3_18_SCA Drive with 35916548 sectors Drive 84, label 2B is a Quantum QM39100TD-SCA Drive with 35916548 sectors Drive 84, label 2B is a Quantum QM39100TD-SCA Drive with 17783249 sectors 2					
Test Software: SWET 1.0					
Drive 80, label 90 is a MPC WD300B8-00CAAO with 58633344 sectors					
Drive 81, label F6 is an IEM-DTLA-307020 with 40188960 sectors					
Drive 82, label 6F is a Maxtor 6V06DLO with 120103200 sectors Drive 83, label 1F is a Quantum ATLASIOK3_18_SCA Drive with 35916548 sectors Drive 84, label 2B is a Quantum QM39100TD-SCA Drive with 17783249 sectors S		, and the second			
Drive B3, label 1F is a Quantum ATLAS10K3_18_SCA Drive with 35916548 sectors	usea:	, and the second			
Sectors		, and the second			
Drive 84, label 2B is a Quantum QM39100TD-SCA Drive with 17783249 sectors					
Sectors					
Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222] taily13					
# Executed: A:\pdblock all	Commanda				
A:\pdblock all test-hdl SWB-04 McCloud PEB x 90 F6 6F 1F 2B Shutdown Test FC ****** 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 (01/22/04 at 12:06:47) Going TSR ****** Install PDB Log ***** PDBlock Version 2.00: (P)hysical (D)isk Write (BLOCK)er Drives Protected: ALL Return Code: SUCCESS Bell:					
tesi_hald SWB-04 McCloud PEE x 90 F6 6F 1F 2B	CAECULEU.	-			
### Monitor Execution ***** Highlights: Monitor BIOS interrupt 13h (disk service) tally13 compiled on 07/29/03 at 07:33:17		-			
Monitor Execution ****** Monitor BIOS interrupt 13h (disk service) taily13 compiled on 07/29/03 at 07:33:17 @(#) Version 1.1 Created 07/29/03 at 07:28:05 Now (01/22/04 at 12:06:47) Going TSR					
### 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 (01/22/04 at 12:06:47) Going TSR ******* Install PDB Log ***** PDBLock Version 2.00: (P)hysical (D)isk Write (BLOCK)er Drives Protected: ALL Return Code: SUCCESS Bell: ON Message: ON ****** Test Harness Log ***** CMD: A:\TEST-HDL.EEE SWB-04 McCloud PEB x 90 F6 6F 1F 2B Case: SWB-04 Command set: Configure Date: Thu Jan 22 12:11:56 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: McCloud Number of drives 5, Drives: 90 F6 6F 1F 2B Case Cmd Drv Action Stat Cry Count Cmd Name 0 SWB-04 <05> 80 Blocked 0000 Off 0 FormatTrack 1 SWB-04 <06> 80 Blocked 0000 Off 0 FormatCy1 3 SWB-04 <07> 80 Blocked 0000 Off 1 DiagnosticeSDI 5 SWB-04 <08> 80 Allowed 0000 Off 1 DiagnosticESDI 6 SWB-04 <13> 80 Allowed 0000 Off 1 DiagnosticESDI 7 SWB-04 <13> 80 Allowed 0000 Off 1 DiagnosticESDI 6 SWB-04 <13> 80 Allowed 0000 Off 1 DiagnosticESDI 7 SWB-04 <13> 80 Allowed 0000 Off 1 DiagnosticEDDI 8 SWB-04 <13> 80 Allowed 0000 Off 1 DiagnosticEDDI 9 SWB-04 <13> 80 Allowed 0000 Off 1 DiagnosticEDDI 1 SWB-04 <06> 81 Blocked 0000 Off 1 DiagnosticEDDI 8 SWB-04 <13> 80 Allowed 0000 Off 1 DiagnosticEDDI 9 SWB-04 <13> 80 Allowed 0000 Off 1 DiagnosticEDDI 1 SWB-04 <06> 81 Blocked 0000 Off 1 DiagnosticEDDI 9 SWB-04 <06> 81 Blocked 0000 Off 1 DiagnosticEDDI 1 SWB-04 <06> 81 Blocked 0000 Off 1 DiagnosticEDDI 1 SWB-04 <06> 81 Blocked 0000 Off 1 DiagnosticEDDI 1 SWB-04 <06> 81 Blocked 0000 Off 1 DiagnosticEDDI 1 SWB-04 <06> 81 Blocked 0000 Off 1 DiagnosticEDDI 1 SWB-04 <06> 81 Blocked 0000 Off 1 DiagnosticEDDI 1 SWB-04 <06> 81 Blocked 0000 Off 1 DiagnosticEDDI 1 SWB-04 <06> 81 Blocked 0000 Off 1 DiagnosticEDDI 1 SWB-04 <07> 81 Blocked 0000 Off 1 DiagnosticEDDI 1 SWB-04 <08> 81 Blocked 0000 Off 1 DiagnosticEDDI 1 SWB-04 <07> 81 Blocked 0000 Off 1 DiagnosticEDDI 1 SWB-04 <07> 8	Tog File				
tally13 compiled on 07/29/03 at 07:33:17 @(#) Version 1.1 Created 07/29/03 to 07:28:05 Now (01/22/04 at 12:06:47) Going TSR ****** Install PDB Log ****** PDBlock Version 2.00: (P)hysical (D)isk Write (BLOCK)er Drives Protected: ALL Return Code: SUCCESS Bell: ON Message: ON ****** Test Harness Log ****** CMD: A:\TEST-HDL.EXE SWB-04 McCloud PEB x 90 F6 6F 1F 2B Case: SWB-04 Command set: Configure Date: Thu Jan 22 12:11:56 2004 Version: @(#) test-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51	_				
### (##) Version 1.1 Created 07/29/03 at 07:28:05 Now (01/22/04 at 12:06:47) Going TSR ***** Install PDB Log ***** PDBlock Version 2.00: (P)hysical (D)isk Write (BLOCK)er Drives Protected: ALL Return Code: SUCCESS Bell: ON Message: ON ***** Test Harness Log ***** CMD: A:YEST-HDL.EXE SWB-04 McCloud PEB x 90 F6 6F 1F 2B Case: SWB-04 Command set: Configure Date: Thu Jan 22 12:11:56 2004 Version: @(#) test-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51	11141111A1112.				
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***** Install PDB Log ***** PDBlock Version 2.00: (P)hysical (D)isk Write (BLOCK)er Drives Protected: ALL Return Code: SUCCES Bell: ON Message: ON ***** Test Harness Log ***** CMD: A:\TEST-HDL.EXE SWB-04 McCloud PEB x 90 F6 6F 1F 2B Case: SWB-04 Command set: Configure Date: Thu Jan 22 12:11:56 2004 Version: @(#) test-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51					
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Drives Protected: ALL Return Code: SUCCESS Bell: ON Message: ON ****** Test Harness Log ***** CMD: A:\TesT-HDL.EXE SWB-04 McCloud PEB x 90 F6 6F 1F 2B Case: SWB-04 Command set: Configure Date: Thu Jan 22 12:11:56 2004 Version: @(#) best-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51					
Return Code: SUCCESS Bell: ON Message: ON ****** Test Harness Log ****** CMD: A:\TEST-HDL.EXE SWB-04 McCloud PEB x 90 F6 6F 1F 2B Case: SWB-04 Command set: Configure Date: Thu Jan 22 12:11:56 2004 Version: @(#) wb-defs.h Version 1.1 Created 08/23/03 at 10:13:51					
Bell: ON Message: ON ***** Test Harness Log ***** CMD: A:\TEST-HDL.EXE SWB-04 McCloud PEB x 90 F6 6F 1F 2B Case: SWB-04 Command set: Configure Date: Thu Jan 22 12:11:56 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: McCloud Number of drives 5, Drives: 90 F6 6F 1F 2B Case Cmd Drv Action Stat Cry Count Cmd Name 0 SWB-04 <05> 80 Blocked 0000 0ff 0 FormatTrack 1 SWB-04 <05> 80 Blocked 0000 0ff 0 FormatTrack 2 SWB-04 <07> 80 Blocked 0000 0ff 0 FormatCyl 3 SWB-04 <07> 80 Blocked 0000 0ff 1 InitDriveParms 4 SWB-04 <05> 80 Allowed 0000 0ff 1 DiagnosticESDI 5 SWB-04 <07> 80 Blocked 0000 0ff 1 DiagnosticESDI 6 SWB-04 <07> 80 Blocked 0000 0ff 1 DiagnosticESDI 6 SWB-04 <12> 80 Allowed 0000 0ff 1 DiagnosticEDI 6 SWB-04 <12> 80 Allowed 0000 0ff 1 DiagnosticEDI 7 SWB-04 <13> 80 Allowed 0000 0ff 1 DiagnosticEDI 8 SWB-04 <14> 80 Allowed 0000 0ff 1 DiagnosticTI Results for SWB-04 category x on drive 80 Not all commands blocked (4 of 9) 0 SWB-04 <05> 81 Blocked 0000 0ff 0 FormatTrack 1 SWB-04 <05> 81 Blocked 0000 0ff 1 DiagnosticCTL 8 SWB-04 <05> 81 Blocked 0000 0ff 1 DiagnosticCTL 8 SWB-04 <05> 81 Blocked 0000 0ff 1 DiagnosticESDI 5 SWB-04 <05> 81 Blocked 0000 0ff 1 DiagnosticESDI 5 SWB-04 <05> 81 Blocked 0000 0ff 1 DiagnosticESDI 5 SWB-04 <05> 81 Blocked 0000 0ff 1 DiagnosticESDI 5 SWB-04 <05> 81 Blocked 0000 0ff 1 DiagnosticESDI 5 SWB-04 <05> 81 Allowed 0000 0ff 1 DiagnosticESDI 5 SWB-04 <05> 81 Allowed 0000 0ff 1 DiagnosticESDI 6 SWB-04 <12> 81 Allowed 0000 0ff 1 DiagnosticESDI 6 SWB-04 <12> 81 Allowed 0000 0ff 1 DiagnosticTU 8 SWB-04 <13> 81 Allowed 0000 0ff 1 DiagnosticTU 8 SWB-04 <13> 81 Allowed 0000 0ff 1 DiagnosticTU					
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Compiled on Aug 31 2003 at 08:10:54 Operator: PEB Host: McCloud Number of drives 5, Drives: 90 F6 6F 1F 2B		Version: @(#) test-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51			
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Case Cmd Drv Action Stat Cry Count Cmd Name 0 SWB-04 <05> 80 Blocked 0000 Off 0 FormatTrack 1 SWB-04 <06> 80 Blocked 0000 Off 0 FormatBadSectors 2 SWB-04 <07> 80 Blocked 0000 Off 0 FormatCyl 3 SWB-04 <09> 80 Allowed 0000 Off 1 DiagnosticESDI 5 SWB-04 <05> 80 Blocked 0000 Off 1 DiagnosticEDI 6 SWB-04 <05> 80 Allowed 0000 Off 1 DiagnosticEDI 6 SWB-04 <12> 80 Allowed 0000 Off 1 DiagnosticEDI 6 SWB-04 <13> 80 Allowed 0000 Off 1 DiagnosticTAM 7 SWB-04 <13> 80 Allowed 0000 Off 1 DiagnosticTL Results for SWB-04 category x on drive 80 Not all commands blocked (4 of 9) 0 SWB-04 <05> 81 Blocked 0000 Off 0 FormatTrack 1 SWB-04 <06> 81 Blocked 0000 Off 0 FormatTrack 2 SWB-04 <07> 81 Blocked 0000 Off 1 InitDriveParms 4 SWB-04 <05> 81 Allowed 0000 Off 1 InitDriveParms 4 SWB-04 <07> 81 Blocked 0000 Off 1 InitDriveParms 4 SWB-04 <05> 81 Allowed 0000 Off 1 DiagnosticESDI 5 SWB-04 <07> 81 Blocked 0000 Off 1 DiagnosticESDI 5 SWB-04 <05> 81 Allowed 0000 Off 1 DiagnosticESDI 6 SWB-04 <13> 81 Allowed 0000 Off 1 DiagnosticESDI 6 SWB-04 <13> 81 Allowed 0000 Off 1 DiagnosticEDDive 8 SWB-04 <14> 81 Allowed 0000 Off 1 DiagnosticTDrive 8 SWB-04 <14> 81 Allowed 0000 Off 1 DiagnosticTDrive 8 SWB-04 <14> 81 Allowed 0000 Off 1 DiagnosticTDrive		Host: McCloud			
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8 SWB-04 <14> 81 Allowed 0000 Off 1 DiagnosticCTL		6 SWB-04 <12> 81 Allowed 0000 Off 1 DiagnosticRAM			
		7 SWB-04 <13> 81 Allowed 0000 Off 1 DiagnosticDrive			
Desults for SWB_04 gategory v on drive 91 Not all commands blacked /4		8 SWB-04 <14> 81 Allowed 0000 Off 1 DiagnosticCTL			
results for swb-of category x on drive of not all commands blocked (4		Results for SWB-04 category x on drive 81 Not all commands blocked (4			
of 9)		of 9)			
0 SWB-04 <05> 82 Blocked 0000 Off 0 FormatTrack		0 SWB-04 <05> 82 Blocked 0000 Off 0 FormatTrack			

Case SWB-04 PDB1	ock Version 2	.00	
Case BND 01 IDDI		<06> 82 Blocked 0000 Off	0 FormatBadSectors
		<07> 82 Blocked 0000 Off	0 FormatCyl
		<09> 82 Allowed 0000 Off	1 InitDriveParms
	4 SWB-04	<0E> 82 Allowed 0000 Off	1 DiagnosticESDI
		<of> 82 Blocked 0000 Off</of>	0 DiagnosticESDI
	6 SWB-04	<12> 82 Allowed 0000 Off	1 DiagnosticRAM
	7 SWB-04	<13> 82 Allowed 0000 Off	1 DiagnosticDrive
	8 SWB-04	<14> 82 Allowed 0000 Off	1 DiagnosticCTL
	Results for	SWB-04 category x on drive 8	32 Not all commands blocked (4
	of 9)		
	0 SWB-04	<05> 83 Blocked 0000 Off	0 FormatTrack
		<06> 83 Blocked 0000 Off	0 FormatBadSectors
		<07> 83 Blocked 0000 Off	0 FormatCyl
		<09> 83 Allowed 0000 Off	1 InitDriveParms
		<0E> 83 Allowed 0000 Off	1 DiagnosticESDI
		<0F> 83 Blocked 0000 Off	0 DiagnosticESDI
		<12> 83 Allowed 0000 Off	1 DiagnosticRAM
		<13> 83 Allowed 0000 Off	1 DiagnosticDrive
			1 DiagnosticCTL
	of 9)	SWB-04 category x on drive 8	33 Not all commands blocked (4
	1 '	<05> 84 Blocked 0000 Off	0 FormatTrack
		<06> 84 Blocked 0000 Off	0 FormatBadSectors
		<07> 84 Blocked 0000 Off	0 FormatCyl
		<09> 84 Allowed 0000 Off	1 InitDriveParms
	4 SWB-04	<0E> 84 Allowed 0000 Off	1 DiagnosticESDI
	5 SWB-04	<of> 84 Blocked 0000 Off</of>	0 DiagnosticESDI
	6 SWB-04	<12> 84 Allowed 0000 Off	1 DiagnosticRAM
	7 SWB-04	<13> 84 Allowed 0000 Off	1 DiagnosticDrive
	8 SWB-04	<14> 84 Allowed 0000 Off	1 DiagnosticCTL
	Results for	SWB-04 category x on drive 8	34 Not all commands blocked (4
	of 9)		
	Summary: 45	sent, 20 blocked, 25 not blo	ocked
	***** Signa	1 100 ****	
	SIGNAL: y	1 109	
Results:	Assertion	Expected Results	Actual Results
	AM-02	All cmds to drive 80	Not all cmds to drive 80
		blocked	blocked
	AM-02	All cmds to drive 81	Not all cmds to drive 81
		blocked	
			blocked
	AM-02	All cmds to drive 82	blocked Not all cmds to drive 82
	AM-02		
	AM-02	All cmds to drive 82	Not all cmds to drive 82
		All cmds to drive 82 blocked	Not all cmds to drive 82 blocked
		All cmds to drive 82 blocked All cmds to drive 83	Not all cmds to drive 82 blocked Not all cmds to drive 83
	AM-02	All cmds to drive 82 blocked All cmds to drive 83 blocked	Not all cmds to drive 82 blocked Not all cmds to drive 83 blocked
	AM-02	All cmds to drive 82 blocked All cmds to drive 83 blocked All cmds to drive 84	Not all cmds to drive 82 blocked Not all cmds to drive 83 blocked Not all cmds to drive 84
	AM-02	All cmds to drive 82 blocked All cmds to drive 83 blocked All cmds to drive 84 blocked	Not all cmds to drive 82 blocked Not all cmds to drive 83 blocked Not all cmds to drive 84 blocked
	AM-02 AM-02 AM-07	All cmds to drive 82 blocked All cmds to drive 83 blocked All cmds to drive 84 blocked Tool active message	Not all cmds to drive 82 blocked Not all cmds to drive 83 blocked Not all cmds to drive 84 blocked Tool active message
	AM-02 AM-02 AM-07 AM-08	All cmds to drive 82 blocked All cmds to drive 83 blocked All cmds to drive 84 blocked Tool active message 5 drives identified	Not all cmds to drive 82 blocked Not all cmds to drive 83 blocked Not all cmds to drive 84 blocked Tool active message No drives identified
	AM-02 AM-02 AM-07 AM-08 AM-09	All cmds to drive 82 blocked All cmds to drive 83 blocked All cmds to drive 84 blocked Tool active message 5 drives identified Drive 80 is protected	Not all cmds to drive 82 blocked Not all cmds to drive 83 blocked Not all cmds to drive 84 blocked Tool active message No drives identified Drive 80 is protected
	AM-02 AM-02 AM-07 AM-08 AM-09 AM-09	All cmds to drive 82 blocked All cmds to drive 83 blocked All cmds to drive 84 blocked Tool active message 5 drives identified Drive 80 is protected Drive 81 is protected	Not all cmds to drive 82 blocked Not all cmds to drive 83 blocked Not all cmds to drive 84 blocked Tool active message No drives identified Drive 80 is protected Drive 81 is protected
	AM-02 AM-02 AM-07 AM-08 AM-09 AM-09 AM-09	All cmds to drive 82 blocked All cmds to drive 83 blocked All cmds to drive 84 blocked Tool active message 5 drives identified Drive 80 is protected Drive 81 is protected Drive 82 is protected	Not all cmds to drive 82 blocked Not all cmds to drive 83 blocked Not all cmds to drive 84 blocked Tool active message No drives identified Drive 80 is protected Drive 81 is protected Drive 82 is protected
	AM-02 AM-02 AM-07 AM-08 AM-09 AM-09 AM-09 AM-09 AM-09	All cmds to drive 82 blocked All cmds to drive 83 blocked All cmds to drive 84 blocked Tool active message 5 drives identified Drive 80 is protected Drive 81 is protected Drive 82 is protected Drive 83 is protected	Not all cmds to drive 82 blocked Not all cmds to drive 83 blocked Not all cmds to drive 84 blocked Tool active message No drives identified Drive 80 is protected Drive 81 is protected Drive 82 is protected Drive 83 is protected
	AM-02 AM-02 AM-07 AM-08 AM-09 AM-09 AM-09 AM-09 AM-09 AM-09	All cmds to drive 82 blocked All cmds to drive 83 blocked All cmds to drive 84 blocked Tool active message 5 drives identified Drive 80 is protected Drive 81 is protected Drive 82 is protected Drive 83 is protected Drive 84 is protected	Not all cmds to drive 82 blocked Not all cmds to drive 83 blocked Not all cmds to drive 84 blocked Tool active message No drives identified Drive 80 is protected Drive 81 is protected Drive 82 is protected Drive 83 is protected Drive 84 is protected
Analysis:	AM-02 AM-02 AM-07 AM-08 AM-09 AM-09 AM-09 AM-09 AM-09 AM-09 AM-10 AO-10	All cmds to drive 82 blocked All cmds to drive 83 blocked All cmds to drive 84 blocked Tool active message 5 drives identified Drive 80 is protected Drive 81 is protected Drive 82 is protected Drive 83 is protected Drive 84 is protected 20 Commands return success	Not all cmds to drive 82 blocked Not all cmds to drive 83 blocked Not all cmds to drive 84 blocked Tool active message No drives identified Drive 80 is protected Drive 81 is protected Drive 82 is protected Drive 83 is protected Drive 84 is protected 20 Commands return success Signal observed

Case SWB-05 PDBlock Version 2.00			
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		

Case SWB-05 PDBlo	ock Version 2.00
	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:	Thu Jan 22 12:46:43 2004
Test PC: Test Software:	HecRamsey
Hard Drives	SWBT 1.0 Drive 80, label 8A is a WDC WD200EB-00CSF0 with 39102336 sectors
Used:	Drive 81, label E4 is a QUANTUM ATLAS10K2-TY092J with 17938985 sectors
Commands executed:	Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222] tally13
	A:\pdblock 01 /fail
	test-hdl SWB-05 HecRamsey PEB m 8A 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 (01/22/04 at 12:43:57) Going TSR
	***** Install PDB Log ***** PDBlock Version 2.00: (P)hysical (D)isk Write (BLOCK)er
	Drives Protected: 0,1
	Return Code: FAILURE
	Bell: ON
	Message: ON
	***** Test Harness Log *****
	CMD: A:\TEST-HDL.EXE SWB-05 HecRamsey PEB m 8A E4 Case: SWB-05
	Command set: Misc
	Date: Thu Jan 22 12:46:43 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: HecRamsey
	Number of drives 2, Drives: 8A E4
	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</ff></fe>
	Results for SWB-05 category m on drive 80 Not all commands blocked (3 of 228)
	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</fe>
	227 SWB-05 <ff> 81 Allowed 0000 Off 1 Undefined Results for SWB-05 category m on drive 81 Not all commands blocked (3</ff>
	1 TOTALISE TOT BIND 03 CACCEGOT! III ON ALLIVE OF NOC ALL COMMANDS BLOCKED (3

Case SWB-05 PDBlock Version 2.00			
	of 228) Summary: 456 sent, 6 blocked, 450 not blocked		
	***** Signa	l 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	No 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 Expected results not achieved for assertions: AM-03 AM-08		

Case summary:	SWB-06 Install one drive, configure return code to success, protect all			
7	drives, execute miscellaneous commands.			
Assertions Tested:	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.			
	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:	Thu Jan 22 12:30:11 2004			
Test PC:	Wimsey			
Test Software:	SWBT 1.0			
Hard Drives	Drive 80, label 64 is a WDC WD64AA with 12594960 sectors			
Used:				
Commands	Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222]			
executed:	tally13			
	A:\pdblock 0			
	test-hdl SWB-06 Wimsey PEB m 64			
	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 (01/22/04 at 12:28:53) Going TSR			
	***** Install PDB Log *****			
	PDBlock Version 2.00: (P)hysical (D)isk Write (BLOCK)er			
	Drives Protected: 0 Return Code: SUCCESS			
	Bell: ON			
	Message: ON			
	***** Test Harness Log *****			
	CMD: A:\TEST-HDL.EXE SWB-06 Wimsey PEB m 64			
	Case: SWB-06			
	Command set: Misc			
	Date: Thu Jan 22 12:30:11 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			

Case SWB-06 PDBlo	ock Version 2.00			
	Compiled on Aug 31 2003 at 08:10:54			
	Operator: Pi	Operator: PEB		
	Host: Wimse	Host: Wimsey		
	Number of drives 1, Drives: 64			
	Case (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	tted	
	se	e 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>			
	***** Signa	l 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-07	Tool active message	Tool active message	
	AM-08	1 drives identified	No 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 Expected results not achieved for assertions: AM-03 AM-08 AM-10			

Case SWB-07 PDBlc	ock Version 2.00		
Case summary:	SWB-07 Install all drives, configure return code to failure, protect		
Jase Sammar	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		
	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:	Thu Jan 22 12:19:11 2004		
Test PC:	McCloud		
Test Software:	SWBT 1.0		
Hard Drives	Drive 80, label 90 is a WDC WD300BB-00CAA0 with 58633344 sectors		
Used:	Drive 81, label F6 is an IBM-DTLA-307020 with 40188960 sectors		
oseu:	Drive 82, label 6F is a Maxtor 6Y06OLO with 120103200 sectors		
	Drive 83, label 1F is a Quantum ATLAS10K3 18 SCA Drive with 35916548		
	sectors		
	Drive 84, 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:	tally13		
	A:\pdblock all /fail		
	test-hdl SWB-07 McCloud PEB r 90 F6 6F 1F 2B		
	Shutdown Test PC		
Log File	***** Monitor Execution *****		

Case SWB-07 PDBlo	ock Version 2	.00	
Highlights:		S interrupt 13h (disk service)
		mpiled on 07/29/03 at 07:33:1	
		n 1.1 Created 07/29/03 at 07:	
		04 at 12:17:07) Going '	rsr -
		ll PDB Log *****	
		sion 2.00: (P)hysical (D)isk	Write (BLOCK)er
	Drives Prot		
	Return Code	: FAILURE ON	
	Message:	ON	
	1	Harness Log ****	
		T-HDL.EXE SWB-07 McCloud PEB :	r 90 F6 6F 1F 2B
	Case: SWB-0		
	Command set	: Read	
	Date: Thu J	an 22 12:19:11 2004	
	1	#) test-hdl.cpp Version 1.1 C	
		wb-defs.h Version 1.2 Create	
	_	oiled on Aug 31 2003 at 08:10:	54
	Operator: P		
	Host: McClo	ua rives 5, Drives: 90 F6 6F 1F :	חר
		Cmd Drv Action Stat Cry Coun	
		<02> 80 Allowed 0000 Off	
	1 SWB-07	<0A> 80 Allowed 0000 Off	l ReadLong
		<42> 80 Allowed 0000 Off	<u> </u>
			No commands blocked (0 of 3)
	0 SWB-07	<02> 81 Allowed 0000 Off	l ReadSectors
			l ReadLong
	2 SWB-07	<42> 81 Allowed 0000 Off	l ExtRead
			1 No commands blocked (0 of 3)
		<02> 82 Allowed 0000 Off	
			l ReadLong
		<42> 82 Allowed 0000 Off	
		<pre><02> 83 Allowed 0000 Off</pre>	2 No commands blocked (0 of 3)
			l ReadLong
		<42> 83 Allowed 0000 Off	
			3 No commands blocked (0 of 3)
		<02> 84 Allowed 0000 Off	
			l ReadLong
	2 SWB-07	<42> 84 Allowed 0000 Off	l ExtRead
			4 No commands blocked (0 of 3)
	Summary: 15	sent, 0 blocked, 15 not block	ked
	***** Signa	7 T +++++	
	SIGNAL: n	3	
Results:	Assertion	Expected Results	Actual Results
1105 01 05	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-04	No cmds to drive 84 blocked	No cmds to drive 84 blocked
	AM-07	Tool active message	Tool active message
	AM-08	5 drives identified	No 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 protected	Drive 84 is protected
	AM-11	0 Commands return fail	0 Commands return fail
	AO-10	No signal observed	No signal observed
Analysis:	SWB-07 Expe	cted results not achieved for	assertions: AM-08

Case SWB-08 PDBlock Version 2.00			
Case summary:	SWB-08 Install two drives, configure return code to success, protect		
all drives, execute read commands.			

Assertions Tested: SWB-AM-04. If a drive is protected and a command from the read ca is issued for the protected drive then the tool shall not blo command. SWB-AM-07. If the tool is executed then the tool shall issue a me indicating that the tool is active. SWB-AM-08. If the tool is executed then the tool shall issue a me indicating all drives accessible by the covered interfaces. SWB-AM-09. If the tool is executed then the tool shall issue a me 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 s 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: Thu Jan 22 12:56:01 2004 Test PC: HecRamsey Test Software: SWBT 1.0	ssage ssage ssage shall		
command. SWB-AM-07. If the tool is executed then the tool shall issue a me indicating that the tool is active. SWB-AM-08. If the tool is executed then the tool shall issue a me indicating all drives accessible by the covered interfaces. SWB-AM-09. If the tool is executed then the tool shall issue a me 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 s 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: Thu Jan 22 12:56:01 2004 Test PC: HecRamsey	ssage ssage ssage		
SWB-AM-07. If the tool is executed then the tool shall issue a me indicating that the tool is active. SWB-AM-08. If the tool is executed then the tool shall issue a me indicating all drives accessible by the covered interfaces. SWB-AM-09. If the tool is executed then the tool shall issue a me 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 s 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: Thu Jan 22 12:56:01 2004 Test PC: HecRamsey	ssage ssage shall		
indicating all drives accessible by the covered interfaces. SWB-AM-09. If the tool is executed then the tool shall issue a me 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 s 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: Thu Jan 22 12:56:01 2004 Test PC: HecRamsey	ssage shall		
SWB-AM-09. If the tool is executed then the tool shall issue a me 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 s 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: Thu Jan 22 12:56:01 2004 Test PC: HecRamsey	shall		
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 s 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: Thu Jan 22 12:56:01 2004 Test PC: HecRamsey	shall		
commands and the tool blocks a command then the return code sindicate 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: Thu Jan 22 12:56:01 2004 Test PC: HecRamsey	shall		
either an audio or a visual signal. Tester Name: PEB Test Date: Thu Jan 22 12:56:01 2004 Test PC: HecRamsey			
Test Date: Thu Jan 22 12:56:01 2004 Test PC: HecRamsey			
Test PC: HecRamsey			
200.000			
Test Software: SWBT 1.0			
Hard Drives Drive 80, label 8A is a WDC WD200EB-00CSF0 with 39102336 sectors Used: Drive 81, label E4 is a QUANTUM ATLAS10K2-TY092J with 17938985 sectors	ctors		
Commands Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222] executed: tally13			
A:\pdblock 01			
test-hdl SWB-08 HecRamsey PEB r 8A E4			
Shutdown Test PC Log File			
Log File			
tally13 compiled on 07/29/03 at 07:33:17			
@(#) Version 1.1 Created 07/29/03 at 07:28:05			
Now (01/22/04 at 12:53:14) Going TSR			
***** Install PDB Log *****			
PDBlock Version 2.00: (P)hysical (D)isk Write (BLOCK)er			
Drives Protected: 0,1 Return Code: SUCCESS			
Bell: ON			
Message: ON			
***** Test Harness Log *****			
CMD: A:\TEST-HDL.EXE SWB-08 HecRamsey PEB r 8A E4			
Case: SWB-08 Command set: Read			
Date: Thu Jan 22 12:56:01 2004			
Version: @(#) test-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:	51		
Operator: PEB Host: HecRamsey			
Number of drives 2, Drives: 8A E4			
Case Cmd Drv Action Stat Cry Count Cmd Name			
0 SWB-08 <02> 80 Allowed 0000 Off 1 ReadSectors			
	~		
	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	1 SWB-08 <0A> 81 Allowed 0000 Off 1 ReadLong		
2 SWB-08 <42> 81 Allowed 0000 Off 1 ExtRead			
	Results for SWB-08 category r on drive 81 No commands blocked (0 of 3)		
Summary: 6 sent, U blocked, 6 not blocked	Summary: 6 sent, 0 blocked, 6 not blocked		
***** Signal Log ***** SIGNAL: n			
Results: Assertion Expected Results Actual Results			
AM-04 No cmds to drive 80 blocked No cmds to drive 80 bloc	ked		
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 No drives identified			

Case SWB-08 PDBlock Version 2.00			
	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 Expe	cted results not achieved for	assertions: AM-08

	Lock Version 2.00
Case summary:	SWB-09 Install one drive, configure return code to failure, protect all
	drives, execute information commands.
Assertions Tested:	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.
	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:	Thu Jan 22 12:35:00 2004
Test PC:	Wimsey
Test Software:	SWBT 1.0
Hard Drives Used:	Drive 80, label 64 is a WDC WD64AA with 12594960 sectors
Commands	Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222]
executed:	tally13
	A:\pdblock 0 /fail
	test-hdl SWB-09 Wimsey PEB i 64
	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 (01/22/04 at 12:32:49) Going TSR
	***** Install PDB Log *****
	PDBlock Version 2.00: (P)hysical (D)isk Write (BLOCK)er
	Drives Protected: 0
	Return Code: FAILURE
	Bell: ON
	Message: ON
	***** Test Harness Log *****
	CMD: A:\TEST-HDL.EXE SWB-09 Wimsey PEB i 64
	Case: SWB-09
	Command set: Information
	Date: Thu Jan 22 12:35:00 2004
	Version: @(#) test-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51
	Operator: PEB
	Host: Wimsey
	Number of drives 1, Drives: 64
	Case Cmd Drv Action Stat Cry Count Cmd Name
	0 SWB-09 <01> 80 Allowed 0000 Off 1 GetLastStatus
	1 SWB-09 <04> 80 Allowed 0000 Off 1 VerifySectors
	2 SWB-09 <08> 80 Allowed 0000 Off 1 ReadDriveParms
	3 SWB-09 <10> 80 Allowed 0000 Off 1 TestDriveReady
	4 SWB-09 <15> 80 Allowed 0000 Off 1 ReadDriveType
	5 SWB-09 <41> 80 Allowed 0000 Off 1 CheckForExtensions
	6 SWB-09 <44> 80 Allowed 0000 Off 1 VerifySectors
	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)

Case SWB-09 PDBlock Version 2.00			
	Summary: 8 sent, 0 blocked, 8 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
	AM-07	Tool active message	Tool active message
	AM-08	1 drives identified	No 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 not achieved for	assertions: AM-08

Case SWB-10 PDBlo	ock Version 2.00
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:	Thu Jan 22 12:26:09 2004
Test PC:	McCloud
Test Software:	SWBT 1.0
Hard Drives	Drive 80, label 90 is a WDC WD300BB-00CAA0 with 58633344 sectors
Used:	Drive 81, label F6 is an IBM-DTLA-307020 with 40188960 sectors Drive 82, label 6F is a Maxtor 6Y060L0 with 120103200 sectors
	Drive 83, label 1F is a Quantum ATLAS10K3_18_SCA Drive with 35916548 sectors
	Drive 84, label 2B is a Quantum QM39100TD-SCA Drive with 17783249 sectors
Commands executed:	Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222] tally13
	A:\pdblock all test-hdl SWB-10 McCloud PEB i 90 F6 6F 1F 2B
	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 (01/22/04 at 12:22:49) Going TSR
	***** Install PDB Log *****
	PDBlock Version 2.00: (P)hysical (D)isk Write (BLOCK)er
	Drives Protected: ALL Return Code: SUCCESS
	Bell: ON
	Message: ON
	***** Test Harness Log *****
	CMD: A:\TEST-HDL.EXE SWB-10 McCloud PEB i 90 F6 6F 1F 2B
	Command set: Information
	Date: Thu Jan 22 12:26:09 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-10 PDBlock Version 2.00
                  Operator: PEB
                  Host: McCloud
                  Number of drives 5, Drives: 90 F6 6F 1F 2B
                       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
                                                             VerifvSectors
                    2 SWB-10 <08> 80 Allowed 0000 Off
                                                          1
                                                             ReadDriveParms
                                                          1
                    3 SWB-10 <10> 80 Allowed 0000 Off
                                                             TestDriveReady
                    4 SWB-10 <15> 80 Allowed 0000 Off
                                                             ReadDriveType
                                                          1
                    5 SWB-10 <41> 80 Allowed 0000 Off
                                                          1
                                                             CheckForExtensions
                    6 SWB-10 <44> 80 Allowed 0000 Off
                                                             VerifySectors
                                                          1
                    7 SWB-10 <48> 80 Allowed 0000 Off
                                                          1 Get.DriveParms
                  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
                    2 SWB-10 <08> 81 Allowed 0000 Off
                                                             ReadDriveParms
                                                          1
                    3 SWB-10 <10> 81 Allowed 0000 Off
                                                          1
                                                             TestDriveReadv
                    4 SWB-10 <15> 81 Allowed 0000 Off
                                                             ReadDriveType
                                                          1
                    5 SWB-10 <41> 81 Allowed 0000 Off
                                                          1 CheckForExtensions
                    6 SWB-10 <44> 81 Allowed 0000 Off
                                                             VerifySectors
                                                          1
                    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
                                                          1
                    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
                                                             ReadDriveParms
                                                          1
                    3 SWB-10 <10> 83 Allowed 0000 Off
                                                          1
                                                             Test.DriveReadv
                    4 SWB-10 <15> 83 Allowed 0000 Off
                                                          1
                                                             ReadDriveType
                    5 SWB-10 <41> 83 Allowed 0000 Off
                                                             CheckForExtensions
                                                          1
                    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)
                    0 SWB-10 <01> 84 Allowed 0000 Off
                                                          1
                                                             Get Last Status
                    1 SWB-10 <04> 84 Allowed 0000 Off
                                                             VerifySectors
                                                          1
                    2 SWB-10 <08> 84 Allowed 0000 Off
                                                             ReadDriveParms
                    3 SWB-10 <10> 84 Allowed 0000 Off
                                                          1
                                                             TestDriveReadv
                    4 SWB-10 <15> 84 Allowed 0000 Off
                                                          1
                                                             ReadDriveType
                    5 SWB-10 <41> 84 Allowed 0000 Off
                                                          1 CheckForExtensions
                    6 SWB-10 <44> 84 Allowed 0000 Off
                                                          1 VerifySectors
                    7 SWB-10 <48> 84 Allowed 0000 Off
                                                          1 GetDriveParms
                  Results for SWB-10 category i on drive 84 No commands blocked (0 of 8)
                  Summary: 40 sent, 0 blocked, 40 not blocked
                  ***** Signal Log *****
                  SIGNAL: n
Results:
                              Expected Results
                   Assertion
                                                            Actual Results
                   AM-06
                              No cmds to drive 80 blocked
                                                            No cmds to drive 80 blocked
                   AM-06
                              No cmds to drive 81 blocked
                                                            No cmds to drive 81 blocked
                              No cmds to drive 82 blocked
                                                            No cmds to drive 82 blocked
                   AM-06
                   AM-06
                              No cmds to drive 83 blocked
                                                            No cmds to drive 83 blocked
                   AM-06
                              No cmds to drive 84 blocked
                                                            No cmds to drive 84 blocked
                   AM-07
                              Tool active message
                                                            Tool active message
                   80-MA
                               5 drives identified
                                                            No drives identified
                                                            Drive 80 is protected
                   AM-09
                              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 protected
                                                            Drive 84 is protected
                   AM-\overline{10}
                              0 Commands return success
                                                           0 Commands return success
```

Case SWB-10 PDBlock Version 2.00			
	AO-10	No signal observed	No signal observed
Analysis:	SWB-10 Expe	cted results not achieved for	assertions: AM-08

	ock Version 2.00		
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		
100000	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		
Tester Name:	either an audio or a visual signal.		
Test Date:	Thu Jan 22 13:07:16 2004		
Test PC:	HecRamsey		
Test Software:	SWBT 1.0		
Hard Drives	Drive 80, label 8A is a WDC WD200EB-00CSF0 with 39102336 sectors		
Used:	Drive 81, label E4 is a QUANTUM ATLAS10K2-TY092J with 17938985 sectors		
	Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222]		
Commands			
executed:	tally13		
	A:\pdblock 01 /fail		
	test-hdl SWB-11 HecRamsey PEB c 8A 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 (01/22/04 at 13:04:55) Going TSR		
	***** Install PDB Log ****		
	PDBlock Version 2.00: (P)hysical (D)isk Write (BLOCK)er		
	Drives Protected: 0,1		
	Return Code: FAILURE		
	Bell: ON		
	Message: ON		
	***** Test Harness Log *****		
	CMD: A:\TEST-HDL.EXE SWB-11 HecRamsey PEB c 8A E4		
	Case: SWB-11		
	Command set: Control		
	Date: Thu Jan 22 13:07:16 2004		
	24 24 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
	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: HecRamsey		
	-		
	Number of drives 2, Drives: 8A E4		
	Case Cmd Drv Action Stat Cry Count Cmd Name		
	0 SWB-11 <00> 80 Allowed 0000 Off 1 Reset		
	1 SWB-11 <0C> 80 Allowed 0000 Off 1 SeekDrive		
	2 SWB-11 <0D> 80 Allowed 0000 Off 1 AltReset		
	3 SWB-11 <11> 80 Allowed 0000 Off 1 Recalibrate		
	4 SWB-11 <47> 80 Allowed 0000 Off 1 ExtendedSeek		
	Results for SWB-11 category c on drive 80 No commands blocked (0 of 5)		
	0 SWB-11 <00> 81 Allowed 0000 Off 1 Reset		
	1 SWB-11 <0C> 81 Allowed 0000 Off 1 SeekDrive		
	2 SWB-11 <0D> 81 Allowed 0000 Off 1 AltReset		
	3 SWB-11 <11> 81 Allowed 0000 Off 1 Recalibrate		
	4 SWB-11 <47> 81 Allowed 0000 Off 1 ExtendedSeek Results for SWB-11 category c on drive 81 No commands blocked (0 of 5)		

		sent, 0 blocked, 10 not blocked.	ced
	SIGNAL: n		
Results:	Assertion	Expected Results	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	No 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 Expected results not achieved for assertions: AM-08		

Case SWB-12 PDBl	ock Version 2.00
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:	Thu Jan 22 12:44:20 2004
Test PC:	Wimsey
Test Software:	SWBT 1.0
Hard Drives	Drive 80, label 64 is a WDC WD64AA with 12594960 sectors
Used:	
Commands	Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222]
executed:	tally13
	A:\pdblock 0
	test-hdl SWB-12 Wimsey PEB c 64
	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 (01/22/04 at 12:43:16) Going TSR
	***** Install PDB Log *****
	PDBlock Version 2.00: (P)hysical (D)isk Write (BLOCK)er
	Drives Protected: 0
	Return Code: SUCCESS
	Bell: ON
	Message: ON
	***** Test Harness Log *****
	CMD: A:\TEST-HDL.EXE SWB-12 Wimsey PEB c 64
	Case: SWB-12
	Command set: Control
	Date: Thu Jan 22 12:44:20 2004
	77
	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: Wimsey

Case SWB-12 PDBlo	ck Version 2	.00	
	Number of drives 1, Drives: 64		
		Cmd Drv Action Stat Cry Count	
	0 SWB-12	<00> 80 Allowed 0000 Off	Reset
		<oc> 80 Allowed 0000 Off</oc>	
	2 SWB-12	<od> 80 Allowed 0000 Off</od>	AltReset
	3 SWB-12	<11> 80 Allowed 0000 Off	Recalibrate
		<47> 80 Allowed 0000 Off 1	
			No commands blocked (0 of 5)
	Summary: 5 sent, 0 blocked, 5 not blocked		
	***** Signa	l Log *****	
	SIGNAL: n		
Results:	Assertion	Expected Results	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	No 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 Expe	cted results not achieved for	assertions: AM-08

Case SWB-13 PDBlc	ock Version 2.00
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:	Thu Jan 22 11:57:50 2004
Test PC:	Rumpole
Test Software:	SWBT 1.0
Hard Drives	Drive 80, label 6F is a Maxtor 6Y060L0 with 120103200 sectors
Used:	Drive 81, label 90 is a WDC WD300BB-00CAA0 with 58633344 sectors
	Drive 82, label 2B is a Quantum QM39100TD-SCA Drive with 17783249
	sectors
	Drive 83, 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:	tally13
	A:\pdblock 13 /fail
	test-hdl SWB-13 Rumpole PEB w 6F 90 2B 1F
Log File	Shutdown Test PC ***** Monitor Execution *****
Log File Highlights:	Monitor BIOS interrupt 13h (disk service)
uraniranies.	tally13 compiled on 07/29/03 at 07:33:17
	@(#) Version 1.1 Created 07/29/03 at 07:28:05
	Now (01/22/04 at 11:54:12) Going TSR
	***** Install PDB Log *****
	PDBlock Version 2.00: (P)hysical (D)isk Write (BLOCK)er
	Drives Protected: 1,3
	Return Code: FAILURE
	Bell: ON

Case SWB-13 PDBlc	lock Version 2.00			
1	Message:	ON		
	***** Test Harness Log *****			
		T-HDL.EXE SWB-13 Rumpole PEB w	6F 90 2B 1F	
	Case: SWB-1			
	Command set			
	Date: Thu Jan 22 11:57:50 2004			
	I			
	<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: Rumpole</pre>			
		rives 4, Drives: 6F 90 2B 1F	and Name	
		Cmd Drv Action Stat Cry Count		
			WriteSectors	
		<pre><0B> 80 Allowed 0000 Off</pre>	WriteLong	
		SWB-13 category w on drive 80 <03> 81 Blocked 0300 On 0	WriteSectors	
			WriteLong	
			ExtWrite	
		SWB-13 category w on drive 81		
		<pre><03> 82 Allowed 0000 Off 1</pre>		
			WriteLong	
	1 SWB-13 '	SWB-13 <43> 82 Allowed 0000 Off 1 ExtWrite		
	Results for SWB-13 category w on drive 82 No commands blocked (0 of 3)			
	0 SWB-13 <03> 83 Blocked 0300 On 0 WriteSectors			
	1 SWB-13 <08> 83 Blocked 0300 On 0 WriteSectors			
			<u> </u>	
	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) Summary: 12 sent, 6 blocked, 6 not blocked			
	I			
	**** Signa] I.oa ****		
	SIGNAL: y	1 109		
Results:	Assertion	Expected Results	Actual Results	
	AM-07	Tool active message	Tool active message	
	AM-08	4 drives identified	No 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-09	Drive 83 is protected	Drive 83 is protected	
	AM-11	6 Commands return fail	6 Commands return fail	
	A0-01	All cmds to drive 81 blocked	All cmds to drive 81 blocked	
	AO-01 AO-01	All cmds to drive 83 blocked	All cmds to drive 81 blocked	
	AO-01 AO-07	No cmds to drive 80 blocked	No cmds to drive 80 blocked	
	AO-07 AO-07			
		No cmds to drive 82 blocked	No cmds to drive 82 blocked	
Analysis:	AO-10	Signal observed	Signal observed	
		cted results not achieved for a		

Case SWB-14 PDBlo	ock Version 2.00		
Case summary:	SWB-14 Install all drives, configure return code to success, protect		
	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.		
	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		

Case SWB-14 PDBlo	ock Version 2	.00		
		not in the selected subset.		
		If the tool blocks a command the	nen the tool shall issue	
The selection Manager		an audio or a visual signal.		
Tester Name: Test Date:	PEB			
Test PC:	Rumpole	12:05:27 2004		
Test Software:	SWBT 1.0			
Hard Drives	Drive 80, label 6F is a Maxtor 6Y060L0 with 120103200 sectors			
Used:	1	abel 90 is a WDC WD300BB-00CAA		
		abel 2B is a Quantum QM39100TD-	-SCA Drive with 17783249	
	sectors	abel 1F is a Quantum ATLAS10K3	18 SCA Drive with 35916548	
	sectors	abel Ir is a Quantum Albasions	_10_5CA DIIVE WICH 55910540	
Commands	Boot Test P	C to (DOS 7.1) Windows 98 [Vers	sion 4.10.2222]	
executed:	tally13			
	A:\pdblock			
	Shutdown Te	B-14 Rumpole PEB w 6F 90 2B 1F		
Log File		or Execution ****		
Highlights:		S interrupt 13h (disk service)		
	_	mpiled on 07/29/03 at 07:33:17		
		n 1.1 Created 07/29/03 at 07:28		
		04 at 12:02:52) Going Ti ll PDB Log *****	SK .	
		sion 2.00: (P)hysical (D)isk Wi	rite (BLOCK)er	
	Drives Prote	_		
	Return Code			
	Bell:	ON ON		
	Message:	Harness Log ****		
		T-HDL.EXE SWB-14 Rumpole PEB w	6F 90 2B 1F	
	Case: SWB-1			
	Command set: Write Date: Thu Jan 22 12:05:27 2004 Version: @(#) test-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51			
	Operator: Pl	Operator: PEB		
	_	rives 4, Drives: 6F 90 2B 1F		
		Case Cmd Drv Action Stat Cry Count Cmd Name		
	0 SWB-14 <03> 80 Blocked 0000 Off 0 WriteSectors			
	1 SWB-14 <0B> 80 Blocked 0000 Off 0 WriteLong			
		<43> 80 Blocked 0000 Off 0 SWB-14 category w on drive 80		
		<pre><03> 81 Blocked 0000 Off 0</pre>		
	1 SWB-14	<0B> 81 Blocked 0000 Off 0	WriteLong	
			ExtWrite	
		SWB-14 category w on drive 81 <03> 82 Allowed 0000 Off 1	All commands blocked (3 of 3) WriteSectors	
			WriteSectors WriteLong	
			ExtWrite	
		SWB-14 category w on drive 82		
			WriteSectors	
	1 SWB-14 <0B> 83 Allowed 0000 Off			
	Results for SWB-14 category w on drive 83 No commands blocked (0 of 3)			
	Summary: 12 sent, 6 blocked, 6 not blocked			
	+++++ ~!] T.S. 4444		
	***** Signal Log ***** SIGNAL: y			
Results:	Assertion	Expected Results	Actual Results	
	AM-07	Tool active message	Tool active message	
	AM-08	4 drives identified	No drives identified	
	AM-09	Drive 80 is protected	Drive 80 is protected	
	AM-09	Drive 81 is protected	Drive 81 is protected	

Case SWB-14 PDBlock Version 2.00			
	AM-09	Drive 82 is unprotected	Drive 82 is unprotected
	AM-09	Drive 83 is unprotected	Drive 83 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-07	No cmds to drive 83 blocked	No cmds to drive 83 blocked
	AO-10	Signal observed	Signal observed
Analysis:	SWB-14 Expected results not achieved for assertions: AM-08		

Case SWB-15 PDBl	ock Version 2.00
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 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:	Thu Jan 22 12:08:42 2004
Test PC:	Rumpole
Test Software:	SWBT 1.0
Hard Drives	Drive 80, label 6F is a Maxtor 6Y060L0 with 120103200 sectors
Used:	Drive 81, label 90 is a WDC WD300BB-00CAA0 with 58633344 sectors
	Drive 82, label 2B is a Quantum QM39100TD-SCA Drive with 17783249
	sectors
	Drive 83, 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:	tally13
	A:\pdblock 0 /fail
	test-hdl SWB-15 Rumpole PEB x 6F 90 2B 1F
	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 (01/22/04 at 12:07:34) Going TSR ***** Install PDB Log *****
	PDBlock Version 2.00: (P)hysical (D)isk Write (BLOCK)er Drives Protected: 0
	Return Code: FAILURE
	Bell: ON
	Message: ON
	***** Test Harness Log *****
	CMD: A:\TEST-HDL.EXE SWB-15 Rumpole PEB x 6F 90 2B 1F Case: SWB-15
	Command set: Configure
	Date: Thu Jan 22 12:08:42 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: Rumpole

```
Case SWB-15 PDBlock Version 2.00
                  Number of drives 4, Drives: 6F 90 2B 1F
                      Case Cmd Drv Action Stat Cry Count Cmd Name
                    0 SWB-15 <05> 80 Blocked 0300 On
                                                         0 FormatTrack
                    1 SWB-15 <06> 80 Blocked 0300 On
                                                          0 FormatBadSectors
                    2 SWB-15 <07> 80 Blocked 0300 On
                                                          0 FormatCvl
                    3 SWB-15 <09> 80 Allowed 0000 Off
                                                             InitDriveParms
                                                          1
                    4 SWB-15 <OE> 80 Allowed 0000 Off
                                                          1 DiagnosticESDI
                    5 SWB-15 <0F> 80 Blocked 0300 On
                                                          0 DiagnosticESDI
                    6 SWB-15 <12> 80 Allowed 0000 Off
                                                             DiagnosticRAM
                                                          1
                    7 SWB-15 <13> 80 Allowed 0000 Off
                                                          1
                                                             DiagnosticDrive
                    8 SWB-15 <14> 80 Allowed 0000 Off
                                                          1 DiagnosticCTL
                  Results for SWB-15 category x on drive 80 Not all commands blocked (4
                  of 9)
                    0 SWB-15 <05> 81 Allowed 0000 Off
                                                          1 FormatTrack
                    1 SWB-15 <06> 81 Allowed 0000 Off
                                                             FormatBadSectors
                    2 SWB-15 <07> 81 Allowed 0000 Off
                                                             FormatCvl
                                                          1
                    3 SWB-15 <09> 81 Allowed 0000 Off
                                                             InitDriveParms
                    4 SWB-15 <0E> 81 Allowed 0000 Off
                                                             DiagnosticESDI
                    5 SWB-15 <0F> 81 Allowed 0000 Off
                                                             DiagnosticESDI
                                                          1
                    6 SWB-15 <12> 81 Allowed 0000 Off
                                                             DiagnosticRAM
                    7 SWB-15 <13> 81 Allowed 0000 Off
                                                          1 DiagnosticDrive
                    8 SWB-15 <14> 81 Allowed 0000 Off
                                                             DiagnosticCTL
                  Results for SWB-15 category x on drive 81 No commands blocked (0 of 9)
                    0 SWB-15 <05> 82 Allowed 0000 Off
                                                          1
                                                             FormatTrack
                    1 SWB-15 <06> 82 Allowed 0000 Off
                                                             FormatBadSectors
                                                          1
                    2 SWB-15 <07> 82 Allowed 0000 Off
                                                          1
                                                             FormatCyl
                    3 SWB-15 <09> 82 Allowed 0000 Off
                                                          1
                                                             InitDriveParms
                    4 SWB-15 <0E> 82 Allowed 0000 Off
                                                             DiagnosticESDI
                                                          1
                    5 SWB-15 <0F> 82 Allowed 0000 Off
                                                             DiagnosticESDI
                                                             DiagnosticRAM
                    6 SWB-15 <12> 82 Allowed 0000 Off
                                                          1
                    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
                                                             FormatTrack
                                                          1
                    1 SWB-15 <06> 83 Allowed 0000 Off
                                                          1
                                                             FormatBadSectors
                    2 SWB-15 <07> 83 Allowed 0000 Off
                                                             FormatCyl
                    3 SWB-15 <09> 83 Allowed 0000 Off
                                                          1
                                                             Init.DriveParms
                    4 SWB-15 <0E> 83 Allowed 0000 Off
                                                          1
                                                             DiagnosticESDI
                    5 SWB-15 <0F> 83 Allowed 0000 Off
                                                             DiagnosticESDI
                                                          1
                    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)
                  Summary: 36 sent, 4 blocked, 32 not blocked
                  ***** Signal Log *****
                  SIGNAL: y
Results:
                   Assertion
                              Expected Results
                                                           Actual Results
                   ΔM-07
                              Tool active message
                                                           Tool active message
                   AM-08
                              4 drives identified
                                                           No 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-09
                              Drive 83 is unprotected
                                                           Drive 83 is unprotected
                   AM-11
                              4 Commands return fail
                                                           4 Commands return fail
                   AO-02
                              All cmds to drive 80
                                                           Not all cmds to drive 80
                              blocked
                                                           blocked
                   AO-07
                              No cmds to drive 81
                                                           No cmds to drive 81 blocked
                              blocked
                   AO-07
                              No cmds to drive 82
                                                           No cmds to drive 82 blocked
                              blocked
                   AO-07
                              No cmds to drive 83
                                                           No cmds to drive 83 blocked
                              blocked
                              Signal observed
                                                          Signal observed
                  SWB-15 Expected results not achieved for assertions: AM-08 AO-02
Analysis:
```

Case SWB-16 PDBlo	ock Version 2.00	
Case summary:	SWB-16 Install all drives, configure return code to success, protect with pattern mid, execute configuration commands.	
Assertions Tested:	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	
Tester Name:	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-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.	
Test Date:	Thu Jan 22 12:15:59 2004	
Test PC:	Rumpole	
Test Software: Hard Drives Used:	SWBT 1.0 Drive 80, label 6F is a Maxtor 6Y060L0 with 120103200 sectors Drive 81, label 90 is a WDC WD300BB-00CAA0 with 58633344 sectors Drive 82, label 2B is a Quantum QM39100TD-SCA Drive with 17783249 sectors Drive 83, 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:	tally13 A:\pdblock 2 test-hdl SWB-16 Rumpole PEB x 6F 90 2B 1F 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 (01/22/04 at 12:14:45) Going TSR ***** Install PDB Log ***** PDBlock Version 2.00: (P)hysical (D)isk Write (BLOCK)er Drives Protected: 2 Return Code: SUCCESS Bell: ON Message: ON ***** Test Harness Log ***** CMD: A:\TEST-HDL.EXE SWB-16 Rumpole PEB x 6F 90 2B 1F Case: SWB-16 Command set: Configure Date: Thu Jan 22 12:15:59 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: Rumpole Number of drives 4, Drives: 6F 90 2B 1F 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 FormatTrack 2 SWB-16 <07 > 80 Allowed 0000 Off 1 FormatCyl 3 SWB-16 <09 > 80 Allowed 0000 Off 1 InitDriveParms 4 SWB-16 <08 > 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 DiagnosticESDI 6 SWB-16 <12 > 80 Allowed 0000 Off 1 DiagnosticENM 7 SWB-16 <13 > 80 Allowed 0000 Off 1 DiagnosticCTL Results for SWB-16 category x on drive 80 No commands blocked (0 of 9)</pre>	

Case SWB-16 PDBlo	ock Version 2	.00			
		<05> 81 Allowed	0000 Off	1 Fo:	rmatTrack
		<06> 81 Allowed		1 For	rmatBadSectors
	2 SWB-16	<07> 81 Allowed	0000 Off		rmatCyl
	3 SWB-16	<09> 81 Allowed	0000 Off	1 In:	itDriveParms
	4 SWB-16	<0E> 81 Allowed	0000 Off	1 Dia	agnosticESDI
	5 SWB-16	<0F> 81 Allowed	0000 Off	1 Dia	agnosticESDI
	6 SWB-16	<12> 81 Allowed	0000 Off	1 Dia	agnosticRAM
	7 SWB-16	<13> 81 Allowed	0000 Off	1 Dia	agnosticDrive
	8 SWB-16	<14> 81 Allowed	0000 Off	1 Dia	agnosticCTL
					commands blocked (0 of 9)
		<05> 82 Blocked			rmatTrack
		<06> 82 Blocked			rmatBadSectors
		<07> 82 Blocked			rmatCyl
		<09> 82 Allowed			itDriveParms
		<oe> 82 Allowed</oe>			agnosticESDI
		<of> 82 Blocked</of>			agnosticESDI
		<12> 82 Allowed			agnosticRAM
		<13> 82 Allowed			agnosticDrive
		<14> 82 Allowed			agnosticCTL
	of 9)	SWB-16 category	x on arive	82 NOT	all commands blocked (4
	1 ' '	٠٥٢، ٥٥ ١١٥	0000 055	1 170-	and the man and a
		<05> 83 Allowed <06> 83 Allowed			rmatTrack
		<07> 83 Allowed			rmatBadSectors rmatCyl
		<07> 83 Allowed <09> 83 Allowed			itDriveParms
		<oe> 83 Allowed</oe>			agnosticESDI
		<of> 83 Allowed</of>			agnosticESDI
		<12> 83 Allowed			agnosticRAM
		<13> 83 Allowed			agnosticDrive
		<14> 83 Allowed			agnosticCTL
					commands blocked (0 of 9)
		sent, 4 blocked			
	***** Signa	l Log *****			
	SIGNAL: y				
Results:	Assertion	Expected Result			al Results
	AM-07	Tool active mes			active message
	AM-08	4 drives identi		_	rives identified
	AM-09	Drive 80 is ung			e 80 is unprotected
	AM-09	Drive 81 is ung		_	e 81 is unprotected
	AM-09	Drive 82 is pro		_	e 82 is protected
	AM-09	Drive 83 is unp			e 83 is unprotected
	AM-10	4 Commands retu	ırn success		mmands return success
	AO-02	All cmds to dri	lve 82	Not a	all cmds to drive 82
		blocked		bloc	
	AO-07	No cmds to driv	re 80	No cr	nds to drive 80 blocked
	AO-07	No cmds to driv	re 81	No cr	mds to drive 81 blocked
	1 20.07		02	NT -	udu ta dudaa 02 1-7 - 1 3
	AO-07	No cmds to driv	7e 83	No ct	mds to drive 83 blocked
	AO-10	blocked	7	01 ~	al observed
Analmaia:		Signal observed			al observed
Analysis:	PMR-TO EXDe	ctea results not	acmieved ic	ır asse	rtions: AM-08 AO-02

Case SWB-17 PDBlc	ock Version 2.00
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.

Case SWB-17 PDBlo	ock Version 2 00
Case SMD-I/ PDBIC	
	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.
	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:	Thu Jan 22 12:20:18 2004
Test PC:	Rumpole
Test Software:	SWBT 1.0
Hard Drives	Drive 80, label 6F is a Maxtor 6Y060L0 with 120103200 sectors
Used:	Drive 81, label 90 is a WDC WD300BB-00CAA0 with 58633344 sectors
	Drive 82, label 2B is a Quantum QM39100TD-SCA Drive with 17783249
	sectors
	Drive 83, 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:	tally13
	A:\pdblock 1 /fail
	test-hdl SWB-17 Rumpole PEB m 6F 90 2B 1F
	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 (01/22/04 at 12:19:13) Going TSR
	***** Install PDB Log *****
	PDBlock Version 2.00: (P)hysical (D)isk Write (BLOCK)er
	Drives Protected: 1
	Return Code: FAILURE
	Bell: ON
	Message: ON
	***** Test Harness Log *****
	CMD: A:\TEST-HDL.EXE SWB-17 Rumpole PEB m 6F 90 2B 1F
	Case: SWB-17
	Command set: Misc
	Date: Thu Jan 22 12:20:18 2004
	Pate. Ind dail 22 12.20.10 2004
	Wandania (11) harb hill my Wandan 1 1 Guarbal (02/02/02 ab 10:12:51
	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: Rumpole
	Number of drives 4, Drives: 6F 90 2B 1F
	Case Cmd Drv Action Stat Cry Count Cmd Name
	0 SWB-17 <16> 80 Allowed 0000 Off 1 Undefined
	ming gammanda 17 TDiltitt-d
	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</ff>
	Results for SWB-17 category m on drive 80 Not all commands blocked (1
	of 228)
	0 SWB-17 <16> 81 Allowed 0000 Off 1 Undefined
	misc commands 17-FD results omitted
	see log files for full results
	_
	1

Case SWB-17 PDBlo	ock Version 2	.00	
	226 SWB-17	<fe> 81 Allowed 0000 Off</fe>	1 Undefined
		<ff> 81 Allowed 0000 Off</ff>	
	Results for	SWB-17 category m on drive 8	31 Not all commands blocked (3
	of 228)		
	0 SWB-17	<16> 82 Allowed 0000 Off	1 Undefined
		•	
		sc commands 17-FD results omi	++04
	111111111111111111111111111111111111111	sc commands 17-FD results omi	lited
	se	e log files for full results	
	226 SWB-17	<fe> 82 Allowed 0000 Off</fe>	1 Undefined
	227 SWB-17	<fe> 82 Allowed 0000 Off <ff> 82 Allowed 0000 Off</ff></fe>	1 Undefined
			32 Not all commands blocked (1
		<16> 83 Allowed 0000 Off	1 Undefined
		sc commands 17-FD results omi	++-0d
	1111	sc commands 17-FD results omi	litea
	se	e log files for full results	
	226 SWB-17	<fe> 83 Allowed 0000 Off</fe>	1 Undefined
		<ff> 83 Allowed 0000 Off</ff>	
			33 Not all commands blocked (1
	of 228)	- -	
	Summary: 91	2 sent, 6 blocked, 906 not bl	ocked
	***** Siana	l Log ****	
	SIGNAL: y	± 3	
Results:		Expected Results	Actual Results
	AM-07	Tool active message	Tool active message
	AM-08	4 drives identified	No 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-09	Drive 83 is unprotected	Drive 83 is unprotected
	AM-11	6 Commands return fail	6 Commands return fail
	AO-03	All cmds to drive 81	Not all cmds to drive 81
		blocked	blocked
	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
	1 20 07	blocked	blocked
	AO-07	No cmds to drive 83	Not all cmds to drive 83
		I blogled	
	70-10	blocked	blocked Signal observed
Analysis:	A0-10	blocked Signal observed cted results not achieved for	Signal observed

Case SWB-18 PDBlc	ock Version 2.00
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
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-03. If a subset of all covered drives is specified for

Case SWB-18 PDBlo	ock Version 2.00
SUDO DIED TO EDDIC	protection, then commands from the miscellaneous 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:	Thu Jan 22 12:32:02 2004
Test PC:	Rumpole
Test Software:	SWBT 1.0
Hard Drives	Drive 80, label 6F is a Maxtor 6Y060L0 with 120103200 sectors
Used:	Drive 81, label 90 is a WDC WD300BB-00CAA0 with 58633344 sectors
	Drive 82, label 2B is a Quantum QM39100TD-SCA Drive with 17783249 sectors
	Drive 83, 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:	tally13
	A:\pdblock 012
	test-hdl SWB-18 Rumpole PEB m 6F 90 2B 1F
	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 (01/22/04 at 12:30:38) Going TSR
	***** Install PDB Log *****
	PDBlock Version 2.00: (P)hysical (D)isk Write (BLOCK)er Drives Protected: 0,1,2
	Return Code: SUCCESS
	Bell: ON
	Message: ON
	***** Test Harness Log *****
	CMD: A:\TEST-HDL.EXE SWB-18 Rumpole PEB m 6F 90 2B 1F
	Case: SWB-18
	Command set: Misc
	Date: Thu Jan 22 12:32:02 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: Rumpole
	Number of drives 4, Drives: 6F 90 2B 1F 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 Results for SWB-18 category m on drive 80 Not all commands blocked (3</ff></fe>
	of 228) 0 SWB-18 <16> 81 Allowed 0000 Off 1 Undefined
	misc commands 17-FD results omitted
	see log files for full results
	226 CMP_10 <ff< td=""></ff<>
	226 SWB-18 <fe> 81 Allowed 0000 Off 1 Undefined</fe>

Case SWB-18 PDBlo	ock Version 2	.00	
	227 SWB-18	<ff> 81 Allowed 0000 Off</ff>	1 Undefined
	Results for	SWB-18 category m on drive 8	1 Not all commands blocked (3
	of 228)		
	0 SWB-18	<16> 82 Allowed 0000 Off	1 Undefined
	mi	sc commands 17-FD results omi	tted
	98	e log files for full results	
		e log lileb for rail repares	
	226 SWB-18	<fe> 82 Allowed 0000 Off <ff> 82 Allowed 0000 Off</ff></fe>	1 Undefined
	227 SWB-18	<ff> 82 Allowed 0000 Off</ff>	1 Undefined
	Results for	SWB-18 category m on drive 8	2 Not all commands blocked (3
	of 228)		
		<16> 83 Allowed 0000 Off	1 Undefined
	• • •	•	
	mi	sc commands 17-FD results omi	tted
	se	e log files for full results	
		•	
	226 SWB-18	<fe> 83 Allowed 0000 Off</fe>	1 Undefined
	227 SWB-18	<ff> 83 Allowed 0000 Off</ff>	1 Undefined
		SWB-18 category m on drive 8	3 Not all commands blocked (1
	of 228)	2 10 blocked 002 b	l a pland
	Summary. 91	2 sent, 10 blocked, 902 not b	DIOCKEG
	***** Signa	l Log ****	
Dagultat	SIGNAL: y		3-41 B14
Results:		Expected Results	Actual Results
	AM-07	Tool active message	Tool active message
	AM-08	4 drives identified	No 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 unprotected	Drive 83 is unprotected
	AM-10	10 Commands return success	6 Commands return success
	AO-03	All cmds to drive 80	Not all cmds to drive 80
	1	blocked	blocked
	AO-03	All cmds to drive 81 blocked	Not all cmds to drive 81 blocked
	AO-03	All 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-10	Signal observed	Signal observed
Analysis:		Signal observed	

Case SWB-19 PDB1c	ock Version 2.00
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-AO-04. If a subset of all covered drives is specified for
	protection, then commands from the read category shall not be

Case SWB-19 PDBlo	ck Version 2	.00	
	blocked	for drives in the selected s	ubset.
	SWB-AO-07.	If a subset of all covered dri	ives is specified for
	protect	ion, then no commands from an	y category shall be blocked for
		not in the selected subset.	
		If the tool blocks a command t	then the tool shall issue
		an audio or a visual signal.	
Tester Name:	PEB		
Test Date:		12:40:48 2004	
Test PC:	Rumpole		
Test Software:	SWBT 1.0		
Hard Drives	'	abel 6F is a Maxtor 6Y060L0 wi	
Used:		abel 90 is a WDC WD300BB-00CA <i>l</i> abel 2B is a Quantum QM39100TI	
	sectors	abei 28 is a Quancum QM3910011	J-SCA Drive with 1//63249
		abel 1F is a Quantum ATLAS10K3	3 18 SCA Drive with 35916548
	sectors	abot if ib a gaaroam filbibion	
Commands		C to (DOS 7.1) Windows 98 [Ver	rsion 4.10.22221
executed:	tally13		
	A:\pdblock	3 /fail	
	·-	B-19 Rumpole PEB r 6F 90 2B 1B	7
	Shutdown Te		
Log File	**** Monit	or Execution ****	
Highlights:		S interrupt 13h (disk service)	
	_	mpiled on 07/29/03 at 07:33:17	
	1 1	n 1.1 Created 07/29/03 at 07:2	
		04 at 12:39:13) Going 1	ΓSR
		ll PDB Log ****	Julia (DI OGM)
		sion 2.00: (P)hysical (D)isk W	Write (BLOCK)er
	Drives Prot	: FAILURE	
	Bell:	ON	
	Message:	ON	
		Harness Log ****	
		Г-HDL.EXE SWB-19 Rumpole PEB 1	6F 90 2B 1F
	Case: SWB-1	_	
	Command set	: Read	
	Date: Thu J	an 22 12:40:48 2004	
	@(#) Comp Operator: P		d 08/31/03 at 08:18:19
	Host: Rumpo		
		rives 4, Drives: 6F 90 2B 1F	Gud Maura
		Cmd Drv Action Stat Cry Count <02> 80 Allowed 0000 Off	
			l ReadLong
			L ExtRead
			No commands blocked (0 of 3)
		9 1	ReadSectors
	1 SWB-19		l ReadLong
	2 SWB-19	<42> 81 Allowed 0000 Off	L ExtRead
			No commands blocked (0 of 3)
			L ReadSectors
			L ReadLong
			L ExtRead
			2 No commands blocked (0 of 3)
			L ReadSectors
			l ReadLong l ExtRead
			No commands blocked (0 of 3)
		sent, 0 blocked, 12 not block	
	Summary. 12	Selie, o Biochea, 12 not bioch	104
	I		
	***** Signa	l Log ****	
	***** Signa SIGNAL: n	l Log *****	
Results:	_	l Log ***** Expected Results	Actual Results
Results:	SIGNAL: n	_	Actual Results Tool active message No drives identified

Case SWB-19 PDBlo	ck Version 2	.00	
	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 unprotected	Drive 82 is unprotected
	AM-09	Drive 83 is protected	Drive 83 is protected
	AM-11	0 Commands return fail	0 Commands return fail
	AO-04	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-07	No cmds to drive 82 blocked	No cmds to drive 82 blocked
	AO-10	No signal observed	No signal observed
Analysis:	SWB-19 Expe	cted results not achieved for	assertions: AM-08

Case SWB-20 PDBl	ock Version 2.00
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:	Thu Jan 22 12:44:28 2004
Test PC:	Rumpole
Test Software:	SWBT 1.0
Hard Drives	Drive 80, label 6F is a Maxtor 6Y060L0 with 120103200 sectors
Used:	Drive 81, label 90 is a WDC WD300BB-00CAA0 with 58633344 sectors
	Drive 82, label 2B is a Quantum QM39100TD-SCA Drive with 17783249
	sectors
	Drive 83, 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:	tally13
	A:\pdblock 013
	test-hdl SWB-20 Rumpole PEB r 6F 90 2B 1F
	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 (01/22/04 at 12:43:37) Going TSR
	***** Install PDB Log *****
	PDBlock Version 2.00: (P)hysical (D)isk Write (BLOCK)er
	Drives Protected: 0,1,3
	Return Code: SUCCESS
	Bell: ON
	Message: ON
	***** Test Harness Log *****
	CMD: A:\TEST-HDL.EXE SWB-20 Rumpole PEB r 6F 90 2B 1F
	Case: SWB-20
	Command set: Read
	Date: 1110 Jail 22 12:44:28 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
	■(#) MD_derp.ii Aerpion 1.7 Cledied 00/21/02 df 00.10.13

	ck Version 2	.00	
	Comp	piled on Aug 31 2003 at 08:10:	54
	Operator: P	EB	
	Host: Rumpo		
		rives 4, Drives: 6F 90 2B 1F	
		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)
		<02> 81 Allowed 0000 Off	
		<0A> 81 Allowed 0000 Off	
		<42> 81 Allowed 0000 Off	
			l No commands blocked (0 of 3)
			l ReadSectors
			l ReadLong
			l ExtRead 2 No commands blocked (0 of 3)
		<pre><02> 83 Allowed 0000 Off</pre>	
		<02> 83 Allowed 0000 Off :	
	2 GMB-20	<42> 83 Allowed 0000 Off	reautiong
			3 No commands blocked (0 of 3)
		sent, 0 blocked, 12 not block	
	Dammary 11	bene, o biochea, il neo bice.	100
	***** Signa	l Log ****	
	***** Signa SIGNAL: n	l Log *****	
Results:			Actual Results
Results:	SIGNAL: n		Actual Results Tool active message
Results:	SIGNAL: n Assertion	Expected 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 No 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 No 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 Drive 82 is unprotected	Tool active message No 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	Tool active message No 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 No 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 O Commands return success	Tool active message No 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-10 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	Tool active message No 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
Results:	SIGNAL: n Assertion AM-07 AM-08 AM-09 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 No 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
Results:	SIGNAL: n Assertion AM-07 AM-08 AM-09 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 0 Commands return success No cmds to drive 80 blocked No cmds to drive 81 blocked No cmds to drive 83 blocked	Tool active message No 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 SWB-21 PDBlo	ock Version 2.00		
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:	Thu Jan 22 12:48:34 2004		
Test PC:	Rumpole		
Test Software:	SWBT 1.0		
Hard Drives	Drive 80, label 6F is a Maxtor 6Y060L0 with 120103200 sectors		

Case SWB-21 PDBlo	ock Version 2.00		
Used:	Drive 81, label 90 is a WDC WD300BB-00CAA0 with 58633344 sectors		
	Drive 82, label 2B is a Quantum QM39100TD-SCA Drive with 17783249 sectors		
	Drive 83, 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:	tally13		
	A:\pdblock 23 /fail test-hdl SWB-21 Rumpole PEB i 6F 90 2B 1F		
	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 (01/22/04 at 12:47:17) Going TSR		
	***** Install PDB Log *****		
	PDBlock Version 2.00: (P)hysical (D)isk Write (BLOCK)er		
	Drives Protected: 2,3		
	Return Code: FAILURE Bell: ON		
	Bell: ON Message: ON		
	***** Test Harness Log *****		
	CMD: A:\TEST-HDL.EXE SWB-21 Rumpole PEB i 6F 90 2B 1F		
	Case: SWB-21		
	Command set: Information Date: Thu Jan 22 12:48:34 2004		
	Date. 1114 July 22 12 10 31 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: Rumpole		
	Number of drives 4, Drives: 6F 90 2B 1F		
	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		
	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		
	2 SWB-21 <08> 81 Allowed 0000 Off 1 ReadDriveParms		
	3 SWB-21 <10> 81 Allowed 0000 Off 1 TestDriveReady 4 SWB-21 <15> 81 Allowed 0000 Off 1 ReadDriveType		
	5 SWB-21 <41> 81 Allowed 0000 Off 1 CheckForExtensions		
	6 SWB-21 <44> 81 Allowed 0000 Off 1 VerifySectors		
	7 SWB-21 <48> 81 Allowed 0000 Off 1 GetDriveParms		
	Results for SWB-21 category i on drive 81 No commands blocked (0 of 8) 0 SWB-21 <01> 82 Allowed 0000 Off 1 GetLastStatus		
	1 SWB-21 <04> 82 Allowed 0000 Off 1 VerifySectors		
	2 SWB-21 <08> 82 Allowed 0000 Off 1 ReadDriveParms		
	3 SWB-21 <10> 82 Allowed 0000 Off 1 TestDriveReady		
	4 SWB-21 <15> 82 Allowed 0000 Off 1 ReadDriveType		
	5 SWB-21 <41> 82 Allowed 0000 Off 1 CheckForExtensions 6 SWB-21 <44> 82 Allowed 0000 Off 1 VerifySectors		
	7 SWB-21 <44> 82 Allowed 0000 Off 1 GetDriveParms		
	Results for SWB-21 category i on drive 82 No commands blocked (0 of 8)		
	0 SWB-21 <01> 83 Allowed 0000 Off 1 GetLastStatus		
	1 SWB-21 <04> 83 Allowed 0000 Off 1 VerifySectors		
	2 SWB-21 <08> 83 Allowed 0000 Off 1 ReadDriveParms 3 SWB-21 <10> 83 Allowed 0000 Off 1 TestDriveReady		
	4 SWB-21 <15> 83 Allowed 0000 Off 1 ReadDriveType		
	5 SWB-21 <41> 83 Allowed 0000 Off 1 CheckForExtensions		
	6 SWB-21 <44> 83 Allowed 0000 Off 1 VerifySectors		
	7 SWB-21 <48> 83 Allowed 0000 Off 1 GetDriveParms		

Case SWB-21 PDBlo	ck Version 2	.00	
	Results for SWB-21 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
	AM-08	4 drives identified	No 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 not achieved for	assertions: AM-08

Case SWB-22 PDBlo	ock Version 2.00
Case summary:	SWB-22 Install all drives, configure return code to success, protect
case summary.	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:	Thu Jan 22 12:52:42 2004
Test PC:	Rumpole
Test Software:	SWBT 1.0
Hard Drives	Drive 80, label 6F is a Maxtor 6Y060L0 with 120103200 sectors
Used:	Drive 81, label 90 is a WDC WD300BB-00CAA0 with 58633344 sectors
	Drive 82, label 2B is a Quantum QM39100TD-SCA Drive with 17783249 sectors
	Drive 83, label 1F is a Quantum ATLAS10K3_18_SCA Drive with 35916548
Commands	Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222]
executed:	tallv13
Checaeca	A:\pdblock 123
	test-hdl SWB-22 Rumpole PEB i 6F 90 2B 1F
	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 (01/22/04 at 12:51:47) Going TSR
	***** Install PDB Log *****
	PDBlock Version 2.00: (P)hysical (D)isk Write (BLOCK)er
	Drives Protected: 1,2,3
	Return Code: SUCCESS
	Bell: ON

```
Case SWB-22 PDBlock Version 2.00
                                    ON
                  Message:
                  ***** Test Harness Log *****
                  CMD: A:\TEST-HDL.EXE SWB-22 Rumpole PEB i 6F 90 2B 1F
                  Command set: Information
                  Date: Thu Jan 22 12:52:42 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: Rumpole
                  Number of drives 4, Drives: 6F 90 2B 1F
                       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
                                                          1
                                                             ReadDriveParms
                    3 SWB-22 <10> 80 Allowed 0000 Off
                                                          1 TestDriveReady
                                                          1 ReadDriveType
                    4 SWB-22 <15> 80 Allowed 0000 Off
                    5 SWB-22 <41> 80 Allowed 0000 Off
                                                          1 CheckForExtensions
                                                          1 VerifySectors
                    6 SWB-22 <44> 80 Allowed 0000 Off
                    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
                                                          1 ReadDriveParms
                    3 SWB-22 <10> 81 Allowed 0000 Off
                                                          1
                                                             Test.DriveReady
                                                          1 ReadDriveType
                    4 SWB-22 <15> 81 Allowed 0000 Off
                    5 SWB-22 <41> 81 Allowed 0000 Off
                                                          1 CheckForExtensions
                                                          1 VerifySectors
                    6 SWB-22 <44> 81 Allowed 0000 Off
                    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
                                                          1
                                                             ReadDriveParms
                    3 SWB-22 <10> 82 Allowed 0000 Off
                                                             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
                    3 SWB-22 <10> 83 Allowed 0000 Off
                                                          1
                                                             TestDriveReady
                    4 SWB-22 <15> 83 Allowed 0000 Off
                                                          1 ReadDriveType
                    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 Get.DriveParms
                  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
                   \Delta M - 0.7
                              Tool active message
                                                            Tool active message
                   AM-08
                              4 drives identified
                                                            No drives identified
                   AM-09
                              Drive 80 is unprotected
                                                            Drive 80 is unprotected
                              Drive 81 is protected
                                                            Drive 81 is protected
                   AM - 09
                              Drive 82 is protected
                   AM-09
                                                            Drive 82 is protected
                              Drive 83 is protected
                                                            Drive 83 is protected
                   AM-09
                   AM-10
                              0 Commands return success
                                                            0 Commands return success
                   AO-06
                              No cmds to drive 81 blocked
                                                            No cmds to drive 81 blocked
                              No cmds to drive 82 blocked
                   AO-06
                                                            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
```

Case SWB-22 PDBlo	ck Version 2.00
Analysis:	SWB-22 Expected results not achieved for assertions: AM-08

Case summary: Assertions Tested:	SWB-23 Install all drives, configure return code to failure, protect
	1
	with pattern random_u, execute control commands.
	SWB-AM-07. If the tool is executed then the tool shall issue a message
icaceu.	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
Manta Nama	either an audio or a visual signal.
Tester Name:	PEB
Test Date:	Thu Jan 22 12:58:06 2004
Test PC:	Rumpole
Test Software:	SWBT 1.0
Hard Drives Used:	Drive 80, label 6F is a Maxtor 6Y060L0 with 120103200 sectors
usea.	Drive 81, label 90 is a WDC WD300BB-00CAA0 with 58633344 sectors Drive 82, label 2B is a Quantum QM39100TD-SCA Drive with 17783249
	sectors
	Drive 83, 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:	tally13
	A:\pdblock 023 /fail
	test-hdl SWB-23 Rumpole PEB c 6F 90 2B 1F
	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 (01/22/04 at 12:57:03) Going TSR
	***** Install PDB Log ****
	PDBlock Version 2.00: (P)hysical (D)isk Write (BLOCK)er Drives Protected: 0,2,3
	Return Code: FAILURE
	Bell: ON
	Message: ON
	***** Test Harness Log *****
	CMD: A:\TEST-HDL.EXE SWB-23 Rumpole PEB c 6F 90 2B 1F
	Case: SWB-23
	Command set: Control
	Date: Thu Jan 22 12:58:06 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
ļ	Operator: PEB
İ	Host: Rumpole
	Number of drives 4, Drives: 6F 90 2B 1F
	Case Cmd Drv Action Stat Cry Count Cmd Name
	0 SWB-23 <00> 80 Allowed 0000 Off 1 Reset
	0 SWB-23 <00> 80 Allowed 0000 Off 1 Reset 1 SWB-23 <0C> 80 Allowed 0000 Off 1 SeekDrive
	0 SWB-23 <00> 80 Allowed 0000 Off 1 Reset 1 SWB-23 <0C> 80 Allowed 0000 Off 1 SeekDrive 2 SWB-23 <0D> 80 Allowed 0000 Off 1 AltReset
	0 SWB-23 <00> 80 Allowed 0000 Off 1 Reset 1 SWB-23 <0C> 80 Allowed 0000 Off 1 SeekDrive

Case SWB-23 PDB1	ock Version 2	.00			
	0 SWB-23	<00> 81 Allowed 0000 Off	l Reset		
	1 SWB-23	<0C> 81 Allowed 0000 Off	l SeekDrive		
			l AltReset		
			l Recalibrate		
			l ExtendedSeek		
		9 1	l No commands blocked (0 of 5)		
			l Reset		
			l SeekDrive		
			l AltReset		
			l Recalibrate		
			1 ExtendedSeek		
		3 1	2 No commands blocked (0 of 5) 1 Reset		
		<pre><00> 83 Allowed 0000 Off</pre>			
			l AltReset		
			l Recalibrate		
		<47> 83 Allowed 0000 Off			
	I Results for	Results for SWB-23 category c on drive 83 No commands blocked (0 of 5)			
		SWB-23 category c on drive 8: sent, 0 blocked, 20 not block			
		sent, 0 blocked, 20 not block			
Results:	Summary: 20 ***** Signa	sent, 0 blocked, 20 not blocked l Log *****			
Results:	Summary: 20 **** Signa SIGNAL: n	sent, 0 blocked, 20 not blocked l Log *****	ced		
Results:	Summary: 20 ***** Signa SIGNAL: n Assertion	sent, 0 blocked, 20 not blocked l Log ***** Expected Results	Actual Results		
Results:	***** Signa SIGNAL: n Assertion AM-07	sent, 0 blocked, 20 not blocked Log ***** Expected Results Tool active message	Actual Results Tool active message		
Results:	***** Signa SIGNAL: n Assertion AM-07 AM-08	sent, 0 blocked, 20 not blocked Log ***** Expected Results Tool active message 4 drives identified	Actual Results Tool active message No drives identified		
Results:	***** Signa SIGNAL: n Assertion AM-07 AM-08 AM-09	sent, 0 blocked, 20 not blocked Log ***** Expected Results Tool active message 4 drives identified Drive 80 is protected	Actual Results Tool active message No drives identified Drive 80 is protected		
Results:	***** Signa SIGNAL: n Assertion AM-07 AM-08 AM-09 AM-09	sent, 0 blocked, 20 not blocked l Log ***** Expected Results Tool active message 4 drives identified Drive 80 is protected Drive 81 is unprotected	Actual Results Tool active message No drives identified Drive 80 is protected Drive 81 is unprotected		
Results:	***** Signa SIGNAL: n Assertion AM-07 AM-08 AM-09 AM-09 AM-09	sent, 0 blocked, 20 not blocked l Log ***** Expected Results Tool active message 4 drives identified Drive 80 is protected Drive 81 is unprotected Drive 82 is protected	Actual Results Tool active message No drives identified Drive 80 is protected Drive 81 is unprotected Drive 82 is protected		
Results:	***** Signa SIGNAL: n Assertion AM-07 AM-08 AM-09 AM-09 AM-09 AM-09 AM-09	sent, 0 blocked, 20 not blocked, 20 not blocked, 20 not blocked by the sent that the sent the sent that the sent th	Actual Results Tool active message No drives identified Drive 80 is protected Drive 81 is unprotected Drive 82 is protected Drive 83 is protected 0 Commands return fail		
Results:	***** Signa SIGNAL: n Assertion AM-07 AM-08 AM-09 AM-09 AM-09 AM-09 AM-09 AM-11	sent, 0 blocked, 20 not blocked, 20 not blocked, 20 not blocked long to blocked. Expected Results 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	Actual Results Tool active message No drives identified Drive 80 is protected Drive 81 is unprotected Drive 82 is protected Drive 83 is protected 0 Commands return fail		
Results:	***** Signa SIGNAL: n Assertion AM-07 AM-08 AM-09 AM-09 AM-09 AM-09 AM-09 AM-11 AO-05	sent, 0 blocked, 20 not blocked locked. Log ***** Expected Results 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	Actual Results Tool active message No drives identified Drive 80 is protected Drive 81 is unprotected Drive 82 is protected Drive 83 is protected 0 Commands return fail No cmds to drive 80 blocked		
Results:	***** Signa SIGNAL: n Assertion AM-07 AM-08 AM-09 AM-09 AM-09 AM-09 AM-09 AM-11 AO-05 AO-05	sent, 0 blocked, 20 not blocked Log ***** Expected Results 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	Actual Results Tool active message No 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:	***** Signa SIGNAL: n Assertion AM-07 AM-08 AM-09	sent, 0 blocked, 20 not blocked l Log ***** Expected Results 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	Actual Results Tool active message No 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		

Case SWB-24 PDBlc	ock Version 2.00			
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.			
	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:	Thu Jan 22 13:02:50 2004			
Test PC:	Rumpole			
Test Software:	SWBT 1.0			
Hard Drives	Drive 80, label 6F is a Maxtor 6Y060L0 with 120103200 sectors			
Used:	Drive 81, label 90 is a WDC WD300BB-00CAA0 with 58633344 sectors			
	Drive 82, label 2B is a Quantum QM39100TD-SCA Drive with 17783249			
	sectors			

Case SWB-24 PDF	Block Version 2.00		
Cabe bild 11 131	Drive 83, 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:	tally13		
	A:\pdblock 02		
	test-hdl SWB-24 Rumpole PEB c 6F 90 2B 1F		
T	Shutdown Test PC		
Log File Highlights:	**** Monitor Execution ****		
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 07:28:05		
	Now (01/22/04 at 13:01:38) Going TSR		
	***** Install PDB Log *****		
	PDBlock Version 2.00: (P)hysical (D)isk Write (BLOCK)er		
	Drives Protected: 0,2		
	Return Code: SUCCESS		
	Bell: ON		
	Message: ON		
	***** Test Harness Log *****		
	CMD: A:\TEST-HDL.EXE SWB-24 Rumpole PEB c 6F 90 2B 1F		
	Case: SWB-24 Command set: Control		
	Date: Thu Jan 22 13:02:50 2004		
	Date: Illu Jali 22 13:02:50 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: Rumpole		
	Number of drives 4, Drives: 6F 90 2B 1F		
	Case Cmd Drv Action Stat Cry Count Cmd Name		
	0 SWB-24 <00> 80 Allowed 0000 Off 1 Reset		
	1 SWB-24 <oc> 80 Allowed 0000 Off 1 SeekDrive</oc>		
	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 <oc> 81 Allowed 0000 Off 1 SeekDrive</oc>		
	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		
	2 SWB-24 <0D> 82 Allowed 0000 Off 1 AltReset		
	3 SWB-24 <11> 82 Allowed 0000 OII I Recalibrate		
	4 SWB-24 <47> 82 Allowed 0000 Off 1 ExtendedSeek		
	Results for SWB-24 category c on drive 82 No commands blocked (0 of 5)		
	Results for SWB-24 category c on drive 82 No commands blocked (0 of 5) 0 SWB-24 <00> 83 Allowed 0000 Off 1 Reset		
	Results for SWB-24 category c on drive 82 No commands blocked (0 of 5) 0 SWB-24 <00> 83 Allowed 0000 Off 1 Reset 1 SWB-24 <0C> 83 Allowed 0000 Off 1 SeekDrive		
	Results for SWB-24 category c on drive 82 No commands blocked (0 of 5) 0 SWB-24 <00> 83 Allowed 0000 Off 1 Reset 1 SWB-24 <0C> 83 Allowed 0000 Off 1 SeekDrive 2 SWB-24 <0D> 83 Allowed 0000 Off 1 AltReset		
	Results for SWB-24 category c on drive 82 No commands blocked (0 of 5) 0 SWB-24 <00> 83 Allowed 0000 Off 1 Reset 1 SWB-24 <0C> 83 Allowed 0000 Off 1 SeekDrive 2 SWB-24 <0D> 83 Allowed 0000 Off 1 AltReset 3 SWB-24 <11> 83 Allowed 0000 Off 1 Recalibrate		
	Results for SWB-24 category c on drive 82 No commands blocked (0 of 5) 0 SWB-24 <00> 83 Allowed 0000 Off 1 Reset 1 SWB-24 <0C> 83 Allowed 0000 Off 1 SeekDrive 2 SWB-24 <0D> 83 Allowed 0000 Off 1 AltReset 3 SWB-24 <11> 83 Allowed 0000 Off 1 Recalibrate 4 SWB-24 <47> 83 Allowed 0000 Off 1 ExtendedSeek		
	Results for SWB-24 category c on drive 82 No commands blocked (0 of 5) 0 SWB-24 <00> 83 Allowed 0000 Off 1 Reset 1 SWB-24 <0C> 83 Allowed 0000 Off 1 SeekDrive 2 SWB-24 <0D> 83 Allowed 0000 Off 1 AltReset 3 SWB-24 <11> 83 Allowed 0000 Off 1 Recalibrate		
	Results for SWB-24 category c on drive 82 No commands blocked (0 of 5) 0 SWB-24 <00> 83 Allowed 0000 Off		
	Results for SWB-24 category c on drive 82 No commands blocked (0 of 5) 0 SWB-24 <00> 83 Allowed 0000 Off		
	Results for SWB-24 category c on drive 82 No commands blocked (0 of 5) 0 SWB-24 <00> 83 Allowed 0000 Off		
	Results for SWB-24 category c on drive 82 No commands blocked (0 of 5) 0 SWB-24 <00> 83 Allowed 0000 Off 1 Reset 1 SWB-24 <0C> 83 Allowed 0000 Off 1 SeekDrive 2 SWB-24 <0D> 83 Allowed 0000 Off 1 AltReset 3 SWB-24 <1D> 83 Allowed 0000 Off 1 Recalibrate 4 SWB-24 <47> 83 Allowed 0000 Off 1 ExtendedSeek Results for SWB-24 category c on drive 83 No commands blocked (0 of 5) Summary: 20 sent, 0 blocked, 20 not blocked		
Results:	Results for SWB-24 category c on drive 82 No commands blocked (0 of 5) 0 SWB-24 <00> 83 Allowed 0000 Off 1 Reset 1 SWB-24 <0C> 83 Allowed 0000 Off 1 SeekDrive 2 SWB-24 <0D> 83 Allowed 0000 Off 1 AltReset 3 SWB-24 <11> 83 Allowed 0000 Off 1 Recalibrate 4 SWB-24 <47> 83 Allowed 0000 Off 1 ExtendedSeek Results for SWB-24 category c on drive 83 No commands blocked (0 of 5) Summary: 20 sent, 0 blocked, 20 not blocked		
Results:	Results for SWB-24 category c on drive 82 No commands blocked (0 of 5) 0 SWB-24 <00> 83 Allowed 0000 Off 1 Reset 1 SWB-24 <0C> 83 Allowed 0000 Off 1 SeekDrive 2 SWB-24 <0D> 83 Allowed 0000 Off 1 AltReset 3 SWB-24 <1D> 83 Allowed 0000 Off 1 Recalibrate 4 SWB-24 <47> 83 Allowed 0000 Off 1 ExtendedSeek Results for SWB-24 category c on drive 83 No commands blocked (0 of 5) Summary: 20 sent, 0 blocked, 20 not blocked ***** Signal Log ***** SIGNAL: n		
Results:	Results for SWB-24 category c on drive 82 No commands blocked (0 of 5) 0 SWB-24 <00> 83 Allowed 0000 Off 1 Reset 1 SWB-24 <0C> 83 Allowed 0000 Off 1 SeekDrive 2 SWB-24 <0D> 83 Allowed 0000 Off 1 AltReset 3 SWB-24 <1D> 83 Allowed 0000 Off 1 Recalibrate 4 SWB-24 <47> 83 Allowed 0000 Off 1 ExtendedSeek Results for SWB-24 category c on drive 83 No commands blocked (0 of 5) Summary: 20 sent, 0 blocked, 20 not blocked ***** Signal Log ***** SIGNAL: n Assertion Expected Results Actual Results		
Results:	Results for SWB-24 category c on drive 82 No commands blocked (0 of 5) 0 SWB-24 <00> 83 Allowed 0000 Off 1 Reset 1 SWB-24 <0C> 83 Allowed 0000 Off 1 SeekDrive 2 SWB-24 <0D> 83 Allowed 0000 Off 1 AltReset 3 SWB-24 <11> 83 Allowed 0000 Off 1 Recalibrate 4 SWB-24 <47> 83 Allowed 0000 Off 1 ExtendedSeek Results for SWB-24 category c on drive 83 No commands blocked (0 of 5) Summary: 20 sent, 0 blocked, 20 not blocked ***** Signal Log **** SIGNAL: n Assertion Expected Results Actual Results		
Results:	Results for SWB-24 category c on drive 82 No commands blocked (0 of 5) 0 SWB-24 <00> 83 Allowed 0000 Off 1 Reset 1 SWB-24 <0C> 83 Allowed 0000 Off 1 SeekDrive 2 SWB-24 <0D> 83 Allowed 0000 Off 1 AltReset 3 SWB-24 <1D> 83 Allowed 0000 Off 1 Recalibrate 4 SWB-24 <47> 83 Allowed 0000 Off 1 ExtendedSeek Results for SWB-24 category c on drive 83 No commands blocked (0 of 5) Summary: 20 sent, 0 blocked, 20 not blocked ***** Signal Log ***** SIGNAL: n Assertion Expected Results Actual Results		
Results:	Results for SWB-24 category c on drive 82 No commands blocked (0 of 5) 0 SWB-24 <00> 83 Allowed 0000 Off 1 Reset 1 SWB-24 <0C> 83 Allowed 0000 Off 1 SeekDrive 2 SWB-24 <0D> 83 Allowed 0000 Off 1 AltReset 3 SWB-24 <11> 83 Allowed 0000 Off 1 Recalibrate 4 SWB-24 <47> 83 Allowed 0000 Off 1 ExtendedSeek Results for SWB-24 category c on drive 83 No commands blocked (0 of 5) Summary: 20 sent, 0 blocked, 20 not blocked ***** Signal Log **** SIGNAL: n Assertion Expected Results Actual Results		
Results:	Results for SWB-24 category c on drive 82 No commands blocked (0 of 5) 0 SWB-24 <00> 83 Allowed 0000 Off 1 Reset 1 SWB-24 <0C> 83 Allowed 0000 Off 1 SeekDrive 2 SWB-24 <0D> 83 Allowed 0000 Off 1 AltReset 3 SWB-24 <1D> 83 Allowed 0000 Off 1 Recalibrate 4 SWB-24 <47> 83 Allowed 0000 Off 1 Recalibrate 4 SWB-24 <47> 83 Allowed 0000 Off 1 ExtendedSeek Results for SWB-24 category c on drive 83 No commands blocked (0 of 5) Summary: 20 sent, 0 blocked, 20 not blocked ***** Signal Log ***** SIGNAL: n Assertion Expected Results Actual Results		
Results:	Results for SWB-24 category c on drive 82 No commands blocked (0 of 5) 0 SWB-24 <00> 83 Allowed 0000 Off 1 Reset 1 SWB-24 <0C> 83 Allowed 0000 Off 1 SeekDrive 2 SWB-24 <0D> 83 Allowed 0000 Off 1 AltReset 3 SWB-24 <11> 83 Allowed 0000 Off 1 Recalibrate 4 SWB-24 <11> 83 Allowed 0000 Off 1 ExtendedSeek Results for SWB-24 category c on drive 83 No commands blocked (0 of 5) Summary: 20 sent, 0 blocked, 20 not blocked ***** Signal Log **** SIGNAL: n Assertion Expected Results Actual Results		

Case SWB-24 PDBlock Version 2.00				
	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	
Analysis:	SWB-24 Expe	cted results not achieved for	assertions: AM-08	

Case SWB-25 PDB1	ock Version 2.00
Case summary:	SWB-25 Install three drives, configure return code to failure, protect
oabe bannar	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.
rested.	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:	Thu Jan 22 13:33:18 2004
Test PC:	Cadfael
Test Software:	SWBT 1.0
Hard Drives	Drive 80, label 64 is a WDC WD64AA with 12594960 sectors
Used:	Drive 81, label F6 is an IBM-DTLA-307020 with 40188960 sectors
	Drive 82, 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:	tally13
	A:\pdblock 0 /fail
	test-hdl SWB-25 Cadfael PEB w 64 F6 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 (01/22/04 at 13:31:10) Going TSR
	***** Install PDB Log *****
	PDBlock Version 2.00: (P)hysical (D)isk Write (BLOCK)er
	Drives Protected: 0
	Return Code: FAILURE
	Bell: ON
	Message: ON
	***** Test Harness Log *****
	CMD: A:\TEST-HDL.EXE SWB-25 Cadfael PEB w 64 F6 E4
	Case: SWB-25
	Command set: Write
	Date: Thu Jan 22 13:33:18 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: Cadfael
	Number of drives 3, Drives: 64 F6 E4
	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
	2 SWB-25 <43> 80 Blocked 0300 On
	Results for SWB-25 category w on drive 80 All commands blocked (3 of 3)

Case SWB-25 PDBlo			
	2 SWB-25 Results for 0 SWB-25 1 SWB-25 2 SWB-25 Results for	<pre><0B> 81 Allowed 0000 Off 1 <43> 81 Allowed 0000 Off 1 SWB-25 category w on drive 81 <03> 82 Allowed 0000 Off 1 <0B> 82 Allowed 0000 Off 1 <43> 82 Allowed 0000 Off 1 SWB-25 category w on drive 82 sent, 3 blocked, 6 not blocked</pre> <pre>1 Log *****</pre>	ExtWrite No commands blocked (0 of 3) WriteSectors WriteLong ExtWrite
Results:	Assertion	Expected Results	Actual Results
	AM-07	Tool active message	Tool active message
	AM-08	3 drives identified	No 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
	Mil II	5 Command I CCUIII I LUII	3 Commands recurr rair
	AO-01	All cmds to drive 80 blocked	All cmds to drive 80 blocked
	AO-01	All cmds to drive 80 blocked	All cmds to drive 80 blocked
	AO-01 AO-07	All cmds to drive 80 blocked No cmds to drive 81 blocked	All cmds to drive 80 blocked No cmds to drive 81 blocked

Case SWB-26 PDBlo	ock Version 2.00
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.
	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:	Thu Jan 22 13:37:51 2004
Test PC:	Cadfael
Test Software:	SWBT 1.0
Hard Drives	Drive 80, label 64 is a WDC WD64AA with 12594960 sectors
Used:	Drive 81, label F6 is an IBM-DTLA-307020 with 40188960 sectors
	Drive 82, 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:	tally13
	A:\pdblock 1
	test-hdl SWB-26 Cadfael PEB w 64 F6 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 (01/22/04 at 13:36:28) Going TSR
	***** Install PDB Log *****
	PDBlock Version 2.00: (P)hysical (D)isk Write (BLOCK)er
	Drives Protected: 1
	Return Code: SUCCESS

Case SWB-26 PDBlo	ck Version 2	.00	
	Bell:	ON	
	Message:	ON	
	***** Test I	Harness Log *****	
	CMD: A:\TEST	T-HDL.EXE SWB-26 Cadfael PEB w	64 F6 E4
	Case: SWB-2	б	
	Command set	: Write	
	Date: Thu Ja	an 22 13:37:51 2004	
	@(#) Comp Operator: Pl Host: Cadfae Number of di		08/31/03 at 08:18:19 4
	0 SWB-26 ·	<03> 80 Allowed 0000 Off 1	WriteSectors
	1 SWB-26 ·	<0B> 80 Allowed 0000 Off 1 (43> 80 Allowed 0000 Off 1	WriteLong
	2 SWB-26 ·	<43> 80 Allowed 0000 Off 1	ExtWrite
		SWB-26 category w on drive 80	
		<03> 81 Blocked 0000 Off 0	
		<0B> 81 Blocked 0000 Off 0	
		<43> 81 Blocked 0000 Off 0	
		SWB-26 category w on drive 81	, ,
		<03> 82 Allowed 0000 Off 1 <0B> 82 Allowed 0000 Off 1	
		<43> 82 Allowed 0000 Off 1	
	Results for SWB-26 category w on drive 82 No commands blocked (0 of 3) Summary: 9 sent, 3 blocked, 6 not blocked		
	bummary. S bene, S brocked, o not brocked		
	***** Signa:	l Log ****	
	SIGNAL: y		
Results:	Assertion	Expected Results	Actual Results
	AM-07	Tool active message	Tool active message
	AM-08	3 drives identified	No 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 not achieved for a	assertions: AM-08

Case SWB-27 PDBlo	ck Version 2.00	
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:	Thu Jan 22 13:42:35 2004	

Case SWB-27 PDBlc	ck Version 2	.00	
Test PC:	Cadfael		
Test Software:	SWBT 1.0		
Hard Drives	Drive 80, 1a	abel 64 is a WDC WD64AA with 12	2594960 sectors
Used:	Drive 81, la	abel F6 is an IBM-DTLA-307020 v	with 40188960 sectors
	Drive 82, la	abel E4 is a QUANTUM ATLAS10K2-	-TY092J with 17938985 sectors
Commands	Boot Test Po	C to (DOS 7.1) Windows 98 [Vers	sion 4.10.2222]
executed:	tally13		
	A:\pdblock :	2 /fail	
	test-hdl SWI	B-27 Cadfael PEB w 64 F6 E4	
	Shutdown Tes		
Log File	***** Monito	or Execution *****	
Highlights:	Monitor BIO	S interrupt 13h (disk service)	
	tally13 com	mpiled on 07/29/03 at 07:33:17	
		n 1.1 Created 07/29/03 at 07:28	
		04 at 13:41:04) Going T_{2}^{2}	SR
		ll PDB Log *****	
		sion 2.00: (P)hysical (D)isk Wi	rite (BLOCK)er
	Drives Prote		
		FAILURE	
	Bell:	ON	
	Message:	ON	
		Harness Log ****	CA DC DA
	1	Γ-HDL.EXE SWB-27 Cadfael PEB w	64 F6 E4
	Case: SWB-2		
	Command set	· write an 22 13:42:35 2004	
	Date: Illu u	311 22 13.42.33 2004	
	Version: @(:	#) test-hdl.cpp Version 1.1 Cre	eated 08/23/03 at 10:13:51
		wb-defs.h Version 1.2 Created	
	1,	iled on Aug 31 2003 at 08:10:5	
	Operator: Pl	_	
	Host: Cadfael		
	Number of drives 3, Drives: 64 F6 E4		
	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)
		<03> 81 Allowed 0000 Off 1	
		<pre><0B> 81 Allowed 0000 Off 1</pre>	
		<43> 81 Allowed 0000 Off 1	
		SWB-27 category w on drive 81	
		<03> 82 Blocked 0300 On 0	
		<0B> 82 Blocked 0300 On 0	
		<43> 82 Blocked 0300 On 0	
	Results for SWB-27 category w on drive 82 All commands blocked		All commands blocked (3 of 3)
	Summary. 9 :	sent, 3 blocked, 6 not blocked	
	***** Signal] I.oa ****	
	SIGNAL: y	- 103	
Results:	Assertion	Expected Results	Actual Results
	AM-07	Tool active message	Tool active message
	AM-08	3 drives identified	No drives identified
	AM-09	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
	AM-11	3 Commands return fail	3 Commands return fail
	A0-01	All cmds to drive 82 blocked	All cmds to drive 82 blocked
	AO-01 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 80 blocked No cmds to drive 81 blocked
	AO-10	Signal observed	Signal observed
Analyzaia		signal observed cted results not achieved for a	
Analysis:	PMR-7/ Exbe	crea results not achieved for a	ASSELLIONS: AM-U8

Case SWB-28 PDBlc	ck Version 2.00
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

Case SWB-28 PDBl	ock Version 2.00		
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:	Thu Jan 22 13:53:59 2004		
Test PC:	Cadfael		
Test Software:	SWBT 1.0		
Hard Drives	Drive 80, label 64 is a WDC WD64AA with 12594960 sectors		
Used:	Drive 81, label F6 is an IBM-DTLA-307020 with 40188960 sectors		
	Drive 82, 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:	tally13		
	A:\pdblock 12		
	test-hdl SWB-28 Cadfael PEB w 64 F6 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 (01/22/04 at 13:52:38) Going TSR ***** Install PDB Log *****		
	PDBlock Version 2.00: (P)hysical (D)isk Write (BLOCK)er		
	Drives Protected: 1,2		
	Return Code: SUCCESS		
	Bell: ON		
	Message: ON		
	***** Test Harness Log *****		
	CMD: A:\TEST-HDL.EXE SWB-28 Cadfael PEB w 64 F6 E4		
	Case: SWB-28		
	Command set: Write		
	Date: Thu Jan 22 13:53:59 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: Cadfael		
	Number of drives 3, Drives: 64 F6 E4		
	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)		
	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		
	I 2. 2. 2		
	**** Signal Log ****		

	SIGNAL: y		
Results:	Assertion	Expected Results	Actual Results
	AM-07	Tool active message	Tool active message
	AM-08	3 drives identified	No 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
	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
	AO-07	No cmds to drive 80 blocked	No cmds to drive 80 blocked
	AO-10	Signal observed	Signal observed

Case SWB-29 PDB1	
Case summary:	SWB-29 Install three drives, configure return code to failure, protect
	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:	Thu Jan 22 13:57:50 2004
Test PC:	Cadfael
Test Software:	SWBT 1.0
Hard Drives	Drive 80, label 64 is a WDC WD64AA with 12594960 sectors
Used:	Drive 81, label F6 is an IBM-DTLA-307020 with 40188960 sectors
	Drive 82, 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:	tally13
	A:\pdblock 02 /fail
	test-hdl SWB-29 Cadfael PEB w 64 F6 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 (01/22/04 at 13:56:31) Going TSR
	***** Install PDB Log *****
	PDBlock Version 2.00: (P)hysical (D)isk Write (BLOCK)er
	Drives Protected: 0,2
	Return Code: FAILURE Bell: ON
	Message: ON
	***** Test Harness Log ***** CMD: A:\TEST_UDI EVE SWE_20 Codfool DED w 64 E6 E4
	CMD: A:\TEST-HDL.EXE SWB-29 Cadfael PEB w 64 F6 E4 Case: SWB-29
	Case: SWB-29 Command set: Write
	Command set: Write
	Date: IIIu Jan 22 13:5/: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

Case SWB-29 PDBlo	ck Version 2	.00	
	Operator: Pl	EB	
	Host: Cadfa	el	
	Number of d	rives 3, Drives: 64 F6 E4	
	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
		<43> 80 Blocked 0300 On 0	
		SWB-29 category w on drive 80	
	0 SWB-29	<03> 81 Allowed 0000 Off 1	WriteSectors
	1 SWB-29	<pre><0B> 81 Allowed 0000 Off 1</pre>	WriteLong
		<43> 81 Allowed 0000 Off 1	
		SWB-29 category w on drive 81	
		<03> 82 Blocked 0300 On 0	
		<pre><0B> 82 Blocked 0300 On</pre>	2
		<43> 82 Blocked 0300 On 0	
		SWB-29 category w on drive 82	All commands blocked (3 of 3)
	Summary: 9	sent, 6 blocked, 3 not blocked	
	**** Signa	1 100 ****	
	SIGNAL: y	т под	
Results:	Assertion	Expected Results	Actual Results
	AM-07	Tool active message	Tool active message
	AM-08	3 drives identified	No 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	6 Commands return fail	6 Commands return fail
	AO-01	All cmds to drive 80 blocked	All cmds to drive 80 blocked
	AO-01	All cmds to drive 82 blocked	All cmds to drive 82 blocked
	AO-07	No cmds to drive 81 blocked	No cmds to drive 81 blocked
	AO-10	Signal observed	Signal observed
Analysis:	SWB-29 Expe	cted results not achieved for a	assertions: AM-08

Case SWB-30 PDB1	ock Version 2.00
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:	Thu Jan 22 14:02:14 2004
Test PC:	Cadfael
Test Software:	SWBT 1.0
Hard Drives	Drive 80, label 64 is a WDC WD64AA with 12594960 sectors
Used:	Drive 81, label F6 is an IBM-DTLA-307020 with 40188960 sectors
	Drive 82, 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:	tally13
	A:\pdblock 01
	test-hdl SWB-30 Cadfael PEB w 64 F6 E4
	Shutdown Test PC

case swb-30 PDBIO	ck Version 2	.00			
Log File	**** Monito	or Execution ****			
Highlights:	Monitor BIO	S interrupt 13h (disk service)			
	tally13 com	mpiled on 07/29/03 at 07:33:17			
	@(#) Version	n 1.1 Created 07/29/03 at 07:28	3:05		
	Now (01/22/	04 at 14:01:06) Going TS	SR		
	***** Insta	ll PDB Log *****			
	PDBlock Vers	sion 2.00: (P)hysical (D)isk Wi	rite (BLOCK)er		
	Drives Prote				
	Return Code	: SUCCESS			
	Bell:	ON			
	Message:	ON			
		Harness Log *****			
		T-HDL.EXE SWB-30 Cadfael PEB w	64 F6 E4		
	Case: SWB-30	0			
	Command set	: Write			
	Date: Thu Ja	an 22 14:02:14 2004			
	Monajon: 0/	#) test-hdl.cpp Version 1.1 Cre	00+0d 00/02/02 a+ 10·12·51		
	•	wb-defs.h Version 1.2 Created			
		wiled on Aug 31 2003 at 08:10:5			
	Operator: Pl	-	1		
	Host: Cadfael				
	Number of drives 3, Drives: 64 F6 E4				
	Case Cmd Drv Action Stat Cry Count Cmd Name				
	0 SWB-30 <03> 80 Blocked 0000 Off 0 WriteSectors				
			WriteLong		
	2 SWB-30 <43> 80 Blocked 0000 Off				
	Results for SWB-30 category w on drive 80 All commands blocked (3 of 3)				
		<03> 81 Blocked 0000 Off 0			
			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 <08> 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)				
		sent, 6 blocked, 3 not blocked			
	***** Signal SIGNAL: y	I Log *****			
Results:	Assertion	Expected Results	Actual Results		
	AM-07	Tool active message	Tool active message		
	AM-08	3 drives identified	No 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		
	AM-10 AO-01	All cmds to drive 80 blocked	All cmds to drive 80 blocked		
		All cmds to drive 80 blocked	All cmds to drive 80 blocked All cmds to drive 81 blocked		
	AO-01				
	AO-07	No cmds to drive 82 blocked	No cmds to drive 82 blocked		
I	1		l = 1		
Analysis:	AO-10	Signal observed Signal observed Signal obs	Signal observed		

Case SWB-31 PDBlo	ock Version 2.00
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
	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

Case SWB-31 PDBlo	ock Version 2.	00	
	blocked SWB-AO-07. I protecti drives r SWB-AO-10. I	not in the selected subset. f the tool blocks a command t	ubset. ves is specified for y category shall be blocked for
The set of		an audio or a visual signal.	
Tester Name:	PEB		
Test Date:	Thu Jan 22 1	4:05:59 2004	
Test PC:	Cadfael		
Test Software:	SWBT 1.0		
Hard Drives Used:	Drive 81, la	bel 64 is a WDC WD64AA with 1 bel F6 is an IBM-DTLA-307020 bel E4 is a QUANTUM ATLAS10K2	
Commands		to (DOS 7.1) Windows 98 [Ver	
executed:	tally13	, ,	•
	A:\pdblock 0	/fail	
	test-hdl SWB	-31 Cadfael PEB r 64 F6 E4	
	Shutdown Tes	t PC	
Log File	**** Monito	r Execution ****	
Highlights:	Monitor BIOS	interrupt 13h (disk service)	
		piled on 07/29/03 at 07:33:17	
		1.1 Created 07/29/03 at 07:2	
		4 at 14:04:47) Going T	
		1 PDB Log ****	
		ion 2.00: (P)hysical (D)isk W	Write (BLOCK)er
	Drives Prote	_	
	Return Code:	FAILURE	
	Bell:	ON	
	Message:	ON	
	***** Test Harness Log *****		
	CMD: A:\TEST-HDL.EXE SWB-31 Cadfael PEB r 64 F6 E4		
	Case: SWB-31		
	Command set: Read		
	Date: Thu Jan 22 14:05:59 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: Cadfael Number of drives 3, Drives: 64 F6 E4 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 1 ReadLong 2 SWB-31 <42> 80 Allowed 0000 Off 1 ExtRead		
			3
	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		
			ExtRead
	Results for SWB-31 category r on drive 82 No commands blocked (0 of 3)		
	Summary: 9 S	ent, 0 blocked, 9 not blocked	4
	***** Cianal	I.og ****	
	***** Signal Log ***** SIGNAL: n		
Results:	Assertion	Expected Results	Actual Results
VCDUTCD.		=	
	AM-07	Tool active message	Tool active message
	AM-08	3 drives identified	No 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

Case SWB-31 PDBlock Version 2.00			
	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 Expe	cted results not achieved for	assertions: AM-08

	ock Version 2.00
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 fo
	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
Tester Name:	Thu Jan 22 14:10:26 2004
	Cadfael
Test PC:	- Cauraci
Test Software:	SWBT 1.0
Hard Drives	Drive 80, label 64 is a WDC WD64AA with 12594960 sectors
Used:	Drive 81, label F6 is an IBM-DTLA-307020 with 40188960 sectors
	Drive 82, 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:	tally13
	A:\pdblock 1
	test-hdl SWB-32 Cadfael PEB r 64 F6 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 (01/22/04 at 14:08:54) Going TSR
	***** Install PDB Log *****
	PDBlock Version 2.00: (P)hysical (D)isk Write (BLOCK)er
	Drives Protected: 1
	Return Code: SUCCESS
	1
	Message: ON
	***** Test Harness Log *****
	CMD: A:\TEST-HDL.EXE SWB-32 Cadfael PEB r 64 F6 E4
	Case: SWB-32
	Command set: Read
	Date: Thu Jan 22 14:10:26 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
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	Operator: PEB
	Host: Cadfael
	Number of drives 3, Drives: 64 F6 E4
	Case Cmd Drv Action Stat Cry Count Cmd Name
	0 SWB-32 <02> 80 Allowed 0000 Off 1 ReadSectors
	1 SWB-32 <oa> 80 Allowed 0000 Off 1 ReadLong</oa>
	2 SWB-32 <42> 80 Allowed 0000 Off 1 ExtRead
	Results for SWB-32 category r on drive 80 No commands blocked (0 of 3)
	0 SWB-32 <02> 81 Allowed 0000 Off 1 ReadSectors
	1 SWB-32 <0A> 81 Allowed 0000 Off 1 ReadLong

Case SWB-32 PDBlo	ck Version 2	.00	
	2 SWB-32	<42> 81 Allowed 0000 Off	L ExtRead
	Results for	SWB-32 category r on drive 83	No commands blocked (0 of 3)
		<02> 82 Allowed 0000 Off	
	1 SWB-32	<0A> 82 Allowed 0000 Off	l ReadLong
		<42> 82 Allowed 0000 Off	
			No commands blocked (0 of 3)
	Summary: 9	sent, 0 blocked, 9 not blocked	i
	****	1 - AAAAA	
	***** Signa	I Log ****	
Results:	SIGNAL: n Assertion	Bronnett d Dogwiles	Actual Results
Results.		Expected Results	
	AM-07	Tool active message	Tool active message
	AM-08	3 drives identified	No 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 not achieved for	assertions: AM-08

Case SWB-33 PDBlo	oak Mersion 2 00		
Case swm-33 PDB16	SWB-33 Install three drives, configure return code to failure, protect		
case summary.	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.		
Tester Name:	PEB		
Test Date:	Thu Jan 22 14:14:20 2004		
Test PC:	Cadfael		
Test Software:	SWBT 1.0		
Hard Drives	Drive 80, label 64 is a WDC WD64AA with 12594960 sectors		
Used:	Drive 81, label F6 is an IBM-DTLA-307020 with 40188960 sectors		
Commands	Drive 82, label E4 is a QUANTUM ATLAS10K2-TY092J with 17938985 sectors Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222]		
executed:			
executed.	tally13 A:\pdblock 2 /fail		
	test-hdl SWB-33 Cadfael PEB r 64 F6 E4		
	Shutdown Test PC		
Log File	**** Monitor Execution ****		
Highlights:	Monitor BIOS interrupt 13h (disk service)		
1119111191100	tally13 compiled on 07/29/03 at 07:33:17		
	@(#) Version 1.1 Created 07/29/03 at 07:28:05		
	Now (01/22/04 at 14:13:07) Going TSR		
	***** Install PDB Log ****		
	PDBlock Version 2.00: (P)hysical (D)isk Write (BLOCK)er		
	Drives Protected: 2		
	Return Code: FAILURE		
	Bell: ON		

Case SWB-33 PDBlo	ock Version 2.00		
Case SWB-33 PDBlo	Message: ***** Test: CMD: A:\TES' Case: SWB-3 Command set Date: Thu Jo Version: @(ON Harness Log ***** I-HDL.EXE SWB-33 Cadfael PEB 1 3: Read an 22 14:14:20 2004 #) test-hdl.cpp Version 1.1 Cn wb-defs.h Version 1.2 Create siled on Aug 31 2003 at 08:10:	reated 08/23/03 at 10:13:51 d 08/31/03 at 08:18:19
	Number of di Case 0 SWB-33 1 SWB-33 2 SWB-33 Results for 0 SWB-33 2 SWB-33 Results for 0 SWB-33 1 SWB-33 2 SWB-33 Results for	rives 3, Drives: 64 F6 E4 Cmd Drv Action Stat Cry Count <02> 80 Allowed 0000 Off 60A> 80 Allowed 0000 Off 61 SWB-33 category r on drive 80 60A> 81 Allowed 0000 Off 60A> 81 Allowed 0000 Off 61 SWB-33 category r on drive 81 60A> 81 Allowed 0000 Off 61 SWB-33 category r on drive 81 60A> 82 Allowed 0000 Off	ReadSectors ReadLong ExtRead No commands blocked (0 of 3) ReadSectors ReadLong ExtRead No commands blocked (0 of 3) ReadSectors ReadSectors ReadLong ExtRead No commands blocked (0 of 3) ReadSectors ReadLong ExtRead
	**** Signa SIGNAL: n		
Results:	Assertion		Actual Results
	AM-07	Tool active message 3 drives identified	Tool active message No drives identified
	AM-08		
	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	0 Commands return fail	0 Commands return fail
	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 Expe	cted results not achieved for	assertions: AM-08

Case SWB-34 PDBlo	ck Version 2.00		
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:	Thu Jan 22 14:20:11 2004		
Test PC:	Cadfael		

Case SWB-34 PDBlo	ck Version 2	.00	
Test Software:	SWBT 1.0		
Hard Drives	Drive 80, label 64 is a WDC WD64AA with 12594960 sectors		
Used:	Drive 81, la	abel F6 is an IBM-DTLA-307020	with 40188960 sectors
			2-TY092J with 17938985 sectors
Commands	Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222]		
executed:	tally13		
	A:\pdblock 1		
		B-34 Cadfael PEB r 64 F6 E4	
	Shutdown Tes		
Log File		or Execution ****	
Highlights:		S interrupt 13h (disk service)	
	_	mpiled on 07/29/03 at 07:33:17 n 1.1 Created 07/29/03 at 07:2	
		04 at 14:19:00) Going	
		ll PDB Log *****	
		sion 2.00: (P)hysical (D)isk W	Write (BLOCK)er
	Drives Prote		(,
	Return Code		
	Bell:	ON	
	Message:	ON	
		Harness Log *****	
	- ,	r-HDL.EXE SWB-34 Cadfael PEB 1	64 F6 E4
	Case: SWB-34		
	Command set		
	Date: Thu Ja	an 22 14:20:11 2004	
	Version: @(#) test-hdl.cpp Version 1.1 Created 08/23/03 at 10:13:51		
	SIGNAL: n	-	
Results:	Assertion	Expected Results	Actual Results
	AM-07	Tool active message	Tool active message
	AM-08	3 drives identified	No 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

Case SWB-35 PDBlock Version 2.00			
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.		

Case SWB-35 PDBloo	ak Margion 2 00
Case SWB-35 PDB100	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.
	PEB
Test Date:	Thu Jan 22 14:24:43 2004
Test PC:	Cadfael
Test Software:	SWBT 1.0
Hard Drives	Drive 80, label 64 is a WDC WD64AA with 12594960 sectors
	Drive 81, label F6 is an IBM-DTLA-307020 with 40188960 sectors
	Drive 82, 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:	tally13
	A:\pdblock 02 /fail
	test-hdl SWB-35 Cadfael PEB r 64 F6 E4 Shutdown Test PC
Ton Pilo	***** Monitor Execution *****
Log File Highlights:	Monitor BIOS interrupt 13h (disk service)
linginingines.	tally13 compiled on 07/29/03 at 07:33:17
	@(#) Version 1.1 Created 07/29/03 at 07:28:05
	Now (01/22/04 at 14:23:27) Going TSR
	***** Install PDB Log *****
	PDBlock Version 2.00: (P)hysical (D)isk Write (BLOCK)er
	Drives Protected: 0,2
	Return Code: FAILURE
	Bell: ON
	Message: ON
	***** Test Harness Log *****
	CMD: A:\TEST-HDL.EXE SWB-35 Cadfael PEB r 64 F6 E4
	Case: SWB-35
	Command set: Read
	Date: Thu Jan 22 14:24:43 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: Cadfael
	Number of drives 3, Drives: 64 F6 E4
	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 3)
	0 SWB-35 <02> 81 Allowed 0000 Off 1 ReadSectors
	1 SWB-35 <0A> 81 Allowed 0000 Off
	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
	Regults for SWR-35 datedory r on drive 82 No dominanda blocked (0 of 2)
	Results for SWB-35 category r on drive 82 No commands blocked (0 of 3)
	Results for SWB-35 category r on drive 82 No commands blocked (0 of 3) Summary: 9 sent, 0 blocked, 9 not blocked

Results:	Assertion	Expected Results	Actual Results
	AM-07	Tool active message	Tool active message
	AM-08	3 drives identified	No 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
	AO-07	No cmds to drive 81 blocked	No cmds to drive 81 blocked
	AO-10	No signal observed	No signal observed
Analysis:	SWB-35 Expe	cted results not achieved for	assertions: AM-08

Case SWB-36 PDBlo	ock Version 2.00
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
	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
Manhan Mana	either an audio or a visual signal.
Tester Name: Test Date:	PEB Thu Jan 22 14:28:49 2004
Test PC:	Cadfael
Test Software:	SWBT 1.0
Hard Drives	Drive 80, label 64 is a WDC WD64AA with 12594960 sectors
Used:	Drive 81, label F6 is an IBM-DTLA-307020 with 40188960 sectors
usea.	Drive 82, 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:	tally13
	A:\pdblock 01
	test-hdl SWB-36 Cadfael PEB r 64 F6 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 (01/22/04 at 14:27:34) Going TSR
	***** Install PDB Log *****
	PDBlock Version 2.00: (P)hysical (D)isk Write (BLOCK)er
	Drives Protected: 0,1
	Return Code: SUCCESS
	Bell: ON Message: ON
	Message: ON ***** Test Harness Log *****
	CMD: A:\TEST-HDL.EXE SWB-36 Cadfael PEB r 64 F6 E4
	Case: SWB-36
	Command set: Read
	Date: Thu Jan 22 14:28:49 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-36 PDBIG	ock Version 2	.00	
	Host: Cadfa	el	
	Number of d	rives 3, Drives: 64 F6 E4	
	Case	Cmd Drv Action Stat Cry Count	Cmd Name
		<02> 80 Allowed 0000 Off	
	1 SWB-36	<0A> 80 Allowed 0000 Off	l ReadLong
		<42> 80 Allowed 0000 Off	
			No commands blocked (0 of 3)
		<02> 81 Allowed 0000 Off	
	1 SWB-36		l ReadLong
		<42> 81 Allowed 0000 Off	
		J 1	No commands blocked (0 of 3)
		<02> 82 Allowed 0000 Off	
		<0A> 82 Allowed 0000 Off	5
			L ExtRead
		SWB-36 category r on drive 83 sent, 0 blocked, 9 not blocked	2 No commands blocked (0 of 3)
	Danimary		
			•
			•
	**** Signa		•
	**** Signa SIGNAL: n		
Results:	1		Actual Results
Results:	SIGNAL: n Assertion AM-07	l Log **** Expected Results Tool active message	Actual Results Tool active message
Results:	SIGNAL: n Assertion	l Log ***** Expected Results	Actual Results
Results:	SIGNAL: n Assertion AM-07	l Log **** Expected Results Tool active message	Actual Results Tool active message
Results:	SIGNAL: n Assertion AM-07 AM-08	l Log ***** Expected Results Tool active message 3 drives identified	Actual Results Tool active message No drives identified
Results:	SIGNAL: n Assertion AM-07 AM-08 AM-09	Log **** Expected Results Tool active message 3 drives identified Drive 80 is protected	Actual Results Tool active message No drives identified Drive 80 is protected
Results:	Assertion AM-07 AM-08 AM-09 AM-09	Log ***** Expected Results Tool active message 3 drives identified Drive 80 is protected Drive 81 is protected	Actual Results Tool active message No drives identified Drive 80 is protected Drive 81 is protected
Results:	SIGNAL: n Assertion AM-07 AM-08 AM-09 AM-09 AM-09	Log **** Expected Results Tool active message 3 drives identified Drive 80 is protected Drive 81 is protected Drive 82 is unprotected	Actual Results Tool active message No 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-10	Expected Results Tool active message 3 drives identified Drive 80 is protected Drive 81 is protected Drive 82 is unprotected 0 Commands return success	Actual Results Tool active message No drives identified Drive 80 is protected Drive 81 is protected Drive 82 is unprotected 0 Commands return success
Results:	SIGNAL: n Assertion AM-07 AM-08 AM-09 AM-09 AM-09 AM-09 AM-10 AO-04	Expected Results Tool active message 3 drives identified Drive 80 is protected Drive 81 is protected Drive 82 is unprotected 0 Commands return success No cmds to drive 80 blocked	Actual Results Tool active message No drives identified Drive 80 is protected Drive 81 is protected Drive 82 is unprotected 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-10 AO-04 AO-04	Expected Results Tool active message 3 drives identified Drive 80 is protected Drive 81 is protected Drive 82 is unprotected 0 Commands return success No cmds to drive 80 blocked No cmds to drive 81 blocked	Actual Results Tool active message No drives identified Drive 80 is protected Drive 81 is protected Drive 82 is unprotected 0 Commands return success No cmds to drive 80 blocked No cmds to drive 81 blocked

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
<u> </u>	either an audio or a visual signal.
Tester Name:	JRL
Test Date:	Fri Jan 23 15:56:12 2004
Test PC:	Rumpole
Test Software:	SWBT 1.0
Hard Drives	Drive 80, label 6F is a Maxtor 6Y060L0 with 120103200 sectors
Used:	Drive 81, label 90 is a WDC WD300BB-00CAA0 with 58633344 sectors
	Drive 82, label 2B is a Quantum QM39100TD-SCA Drive with 17783249
	sectors
	Drive 83, label 1F is a Quantum ATLAS10K3_18_SCA Drive with 35916548
- 1.	sectors
Commands executed:	Boot Test PC to (DOS 7.1) Windows 98 [Version 4.10.2222]
executea:	tally13
	A:\pdblock 13 /fail
	test-hdl SWB-37 Rumpole JRL a 6F 90 2B 1F Shutdown Test PC
	SHUCOOWH TEST PC

Case SWB-37 PDBlo	ck Version 2	.00			
Log File		or Execution ****			
Highlights:	Monitor BIO	S interrupt 13h (disk service)			
	tally13 com	mpiled on 07/29/03 at 07:33:17			
	@(#) Version	n 1.1 Created 07/29/03 at 07:28	3:05		
	Now (01/23/	04 at 15:51:46) Going TS	SR		
	***** Insta	ll PDB Log *****			
	PDBlock Vers	sion 2.00: (P)hysical (D)isk Wi	rite (BLOCK)er		
	Drives Prote				
	Return Code	: FAILURE			
	Bell:	ON			
	Message:	ON			
	***** Test I	Harness Log *****			
	CMD: A:\TES	Γ-HDL.EXE SWB-37 Rumpole JRL a	6F 90 2B 1F		
	Case: SWB-3	7			
	Command set	: All			
	Date: Fri Ja	an 23 15:56:12 2004			
		#) test-hdl.cpp Version 1.1 Cre			
		wb-defs.h Version 1.2 Created			
	_	oiled on Aug 31 2003 at 08:10:5	4		
	Operator: JI				
	Host: Rumpo				
		rives 4, Drives: 6F 90 2B 1F	a 1		
		Cmd Drv Action Stat Cry Count			
		<pre><03> 80 Allowed 0000 Off 1</pre>			
	1 SWB-37	<pre><ub> 80 Allowed UUUU Uff</ub></pre>	WriteLong		
	1 SWB-37 <0B> 80 Allowed 0000 Off 1 WriteLong 2 SWB-37 <43> 80 Allowed 0000 Off 1 ExtWrite				
		SWB-37 category w on drive 80			
		<03> 81 Blocked 0300 On 0			
	1 SWB-37 <0B> 81 Blocked 0300 On				
	2 SWB-37 <43> 81 Blocked 0300 On				
	Results for SWB-37 category w on drive 81 All commands blocked (3 of 3)				
	0 SWB-37 <03> 82 Allowed 0000 Off 1 WriteSectors 1 SWB-37 <0B> 82 Allowed 0000 Off 1 WriteLong				
	2 SWB-37 <43> 82 Allowed 0000 Off 1 ExtWrite				
	2 SWB-37 <43> 82 Allowed 0000 Off 1 ExtWrite Results for SWB-37 category w on drive 82 No commands blocked (0 of 3)				
	0 SWB-37 <03> 83 Blocked 0300 On 0 WriteSectors				
	1 SWB-37 <03> 83 Blocked 0300 On 0 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)				
		sent, 6 blocked, 6 not blocked			
		zene, o zroenea, o neo zroenea	•		
**** Signal Log ****					
	SIGNAL: y				
Results:	Assertion	Expected Results	Actual Results		
	AM-07	Tool active message	Tool active message		
	AM-08	4 drives identified	No 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-09	Drive 83 is protected	Drive 83 is protected		
	AM-11	6 Commands return fail	6 Commands return fail		
	AO-08	All cmds to drive 81 blocked	All cmds to drive 81 blocked		
	AO-08	All cmds to drive 83 blocked	All cmds to drive 83 blocked		
	AO-08	No cmds to drive 80 blocked	No cmds to drive 80 blocked		
	AO-08	No cmds to drive 82 blocked	No cmds to drive 82 blocked		
	AO-10	Signal observed	Signal observed		
Analygig:					
Analysis:	L PMD-3 / FXDE	cted results not achieved for a	SDSCICIOHS. WII-00		

Case SWB-38 PDBlock Version 2.00		
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.	

cape bild so ibbit	ock Version 2.00
	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
	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:	JRL
Test Date:	Fri Jan 23 16:02:24 2004
Test PC:	Rumpole
Test Software:	SWBT 1.0
Hard Drives	Drive 80, label 6F is a Maxtor 6Y060L0 with 120103200 sectors
Used:	Drive 81, label 90 is a WDC WD300BB-00CAA0 with 58633344 sectors
	Drive 82, label 2B is a Quantum QM39100TD-SCA Drive with 17783249
	sectors
	Drive 83, 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:	tally13
	A:\pdblock 02
	test-hdl SWB-38 Rumpole JRL a 6F 90 2B 1F
	Shutdown Test PC
Log File	***** Monitor Execution *****
Highlights:	Monitor BIOS interrupt 13h (disk service)
1113111131100	tally13 compiled on 07/29/03 at 07:33:17
	@(#) Version 1.1 Created 07/29/03 at 07:28:05
	Now (01/23/04 at 15:58:34) Going TSR
	***** Install PDB Log *****
	PDBlock Version 2.00: (P)hysical (D)isk Write (BLOCK)er
	Drives Protected: 0,2
	Return Code: SUCCESS
	Bell: ON
	***** Test Harness Log *****
	CMD: A:\TEST-HDL.EXE SWB-38 Rumpole JRL a 6F 90 2B 1F Case: SWB-38
	Command set: All
	Date: Fri Jan 23 16:02:24 2004
	Date. FII Jan 23 10.02.24 2004
	Vergion: @(#) test hal any Vergion 1 1 Created 09/22/02 at 10:12:51
	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: JRL
	Host: Rumpole
	Number of drives 4, Drives: 6F 90 2B 1F
	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
	Results for SWB-38 category w on drive 80 All commands blocked (3 of 3)
	0 SWB-38 <03> 81 Allowed 0000 Off 1 WriteSectors
	1 SWB-38 <0B> 81 Allowed 0000 Off 1 WriteLong
	2 SWB-38 <43> 81 Allowed 0000 Off 1 ExtWrite
	Results for SWB-38 category w on drive 81 No commands blocked (0 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 Allowed 0000 Off 1 WriteSectors
	1 SWB-38 <0B> 83 Allowed 0000 Off 1 WriteLong
	2 SWB-38 <43> 83 Allowed 0000 Off 1 ExtWrite
	2 SWB-38 <43> 83 Allowed 0000 Off 1 ExtWrite Results for SWB-38 category w on drive 83 No commands blocked (0 of 3)
	2 SWB-38 <43> 83 Allowed 0000 Off 1 ExtWrite

Case SWB-38 PDB	lock Version 2.00		
	***** Signa	l Log ****	
	SIGNAL: y		
Results:	Assertion	Expected Results	Actual Results
	AM-07	Tool active message	Tool active message
	AM-08	4 drives identified	No 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	6 Commands return success	6 Commands return success
	AO-08	All cmds to drive 80 blocked	All cmds to drive 80 blocked
	AO-08	All cmds to drive 82 blocked	All cmds to drive 82 blocked
	AO-08	No cmds to drive 81 blocked	No cmds to drive 81 blocked
	AO-08	No cmds to drive 83 blocked	No cmds to drive 83 blocked
	AO-10	Signal observed	Signal observed
Analysis:	SWB-38 Expe	cted results not achieved for a	assertions: AM-08

Case SWB-39 PDBlo	ock Version 2.00
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:	JRL
Test Date:	Fri Jan 23 15:43:17 2004
Test PC:	Rumpole
Test Software:	SWBT 1.0
Hard Drives	Drive 80, label 6F is a Maxtor 6Y060L0 with 120103200 sectors
Used:	Drive 81, label 90 is a WDC WD300BB-00CAA0 with 58633344 sectors
	Drive 82, label 2B is a Quantum QM39100TD-SCA Drive with 17783249
	sectors Drive 83, 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 23 /fail
	A:\test-hdl SWB-39 Rumpole JRL w 6F 90 2B 1F
	A:\sig-log SWB-39 Rumpole JRL
	A:\t-off SWB-39 Rumpole JRL
	ren A:\swb-log.txt wt-log.txt
	ren A:\sig-log.txt sg-wt.txt
	A:\pdblock none
	A:\test-hdl SWB-39 Rumpole JRL a 6F 90 2B 1F
	A:\sig-log SWB-39 Rumpole JRL
	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 (01/23/04 at 15:42:32) Going TSR
	***** Install PDB Log *****
	PDBlock Version 2.00: (P)hysical (D)isk Write (BLOCK)er
	Drives Protected: 2,3
	Return Code: FAILURE
	Bell: ON

```
Case SWB-39 PDBlock Version 2.00
                                  ON
                 ***** Blocked Write Commands *****
                 CMD: A:\TEST-HDL.EXE SWB-39 Rumpole JRL w 6F 90 2B 1F
                 Case: SWB-39
                 Command set: Write
                 Date: Fri Jan 23 15:42:53 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: JRL
                 Host: Rumpole
                 Number of drives 4, Drives: 6F 90 2B 1F
                     Case Cmd Drv Action Stat Cry Count Cmd Name
                   0 SWB-39 <03> 80 Allowed 0000 Off 1 WriteSectors
                   1 SWB-39 <0B> 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)
                                                     1 WriteSectors
                   0 SWB-39 <03> 81 Allowed 0000 Off
                   1 SWB-39 <0B> 81 Allowed 0000 Off
                                                       1
                                                         WriteLong
                   2 SWB-39 <43> 81 Allowed 0000 Off
                                                      1 ExtWrite
                 Results for SWB-39 category w on drive 81 No commands blocked (0 of 3)
                   1 SWB-39 <0B> 82 Blocked 0300 On
                                                      0 WriteLong
                                                    0 ExtWrite
                   2 SWB-39 <43> 82 Blocked 0300 On
                 Results for SWB-39 category w on drive 82 All commands blocked (3 of 3)
                   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
                   82
                           0
                           0
                  83
                 ***** Uninstall PDB Log *****
                 PDBlock Version 2.00: (P)hysical (D)isk Write (BLOCK)er
                 Drives Protected: NONE
                 Return Code:
                                 SUCCESS
                 Bell:
                                 ON
                                 ON
                 Message:
                 ***** Test Harness Log *****
                 CMD: A:\TEST-HDL.EXE SWB-39 Rumpole JRL a 6F 90 2B 1F
                 Case: SWB-39
                 Command set: All
                 Date: Fri Jan 23 15:43:17 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: JRL
                 Host: Rumpole
                 Number of drives 4, Drives: 6F 90 2B 1F
                 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 SeekDrive
1 AltReset
                   1 SWB-39 <0C> 80 Allowed 0000 Off
                   2 SWB-39 <0D> 80 Allowed 0000 Off
                   3 SWB-39 <11> 80 Allowed 0000 Off
                                                       1 Recalibrate
                   4 SWB-39 <47> 80 Allowed 0000 Off
                                                      1 ExtendedSeek
                 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 <0D> 81 Allowed 0000 Off
                                                       1 AltReset
```

```
Case SWB-39 PDBlock Version 2.00
                   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
                                                            AltReset
                                                         1
                   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
                                                            SeekDrive
                                                         1
                   2 SWB-39 <0D> 83 Allowed 0000 Off
                                                         1
                                                            Alt.Reset
                   3 SWB-39 <11> 83 Allowed 0000 Off
                                                            Recalibrate
                   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
                                                         1
                   3 SWB-39 <10> 80 Allowed 0000 Off
                                                         1 TestDriveReadv
                   4 SWB-39 <15> 80 Allowed 0000 Off
                                                         1 ReadDriveType
                   5 SWB-39 <41> 80 Allowed 0000 Off
                                                            CheckForExtensions
                                                         1
                   6 SWB-39 <44> 80 Allowed 0000 Off
                                                         1
                                                            VerifySectors
                   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
                                                            VerifvSectors
                                                         1
                   2 SWB-39 <08> 81 Allowed 0000 Off
                                                            ReadDriveParms
                   3 SWB-39 <10> 81 Allowed 0000 Off
                                                            TestDriveReadv
                                                         1
                   4 SWB-39 <15> 81 Allowed 0000 Off
                                                         1
                                                            ReadDriveType
                   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 GetDriveParms
                 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
                                                            VerifySectors
                                                         1
                   2 SWB-39 <08> 82 Allowed 0000 Off
                                                            ReadDriveParms
                                                         1
                   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
                                                            VerifvSectors
                   2 SWB-39 <08> 83 Allowed 0000 Off
                                                         1 ReadDriveParms
                   3 SWB-39 <10> 83 Allowed 0000 Off
                                                         1
                                                            TestDriveReady
                   4 SWB-39 <15> 83 Allowed 0000 Off
                                                         1
                                                            ReadDriveTvpe
                   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
                   1 SWB-39 < 0A> 81 Allowed 0000 Off
                                                            ReadLong
                   2 SWB-39 <42> 81 Allowed 0000 Off
                                                         1 ExtRead
                 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
                                                            ExtRead
                                                         1
                 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
```

```
Case SWB-39 PDBlock Version 2.00
                   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
                                                         1 FormatTrack
                   0 SWB-39 <05> 80 Allowed 0000 Off
                   1 SWB-39 <06> 80 Allowed 0000 Off
                                                         1
                                                            FormatBadSectors
                   2 SWB-39 <07> 80 Allowed 0000 Off
                                                         1 FormatCyl
                                                         1 InitDriveParms
                   3 SWB-39 <09> 80 Allowed 0000 Off
                    4 SWB-39 < 0E> 80 Allowed 0000 Off
                                                         1
                                                            DiagnosticESDI
                   5 SWB-39 <0F> 80 Allowed 0000 Off
                                                         1 DiagnosticESDI
                   6 SWB-39 <12> 80 Allowed 0000 Off
                                                         1 DiagnosticRAM
                                                         1 DiagnosticDrive
                   7 SWB-39 <13> 80 Allowed 0000 Off
                   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
                                                            FormatBadSectors
                                                         1
                                                         1
                   2 SWB-39 <07> 81 Allowed 0000 Off
                                                            Format.Cvl
                   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
                                                            DiagnosticESDI
                                                         1
                   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 FormatBadSectors
                   1 SWB-39 <06> 82 Allowed 0000 Off
                   2 SWB-39 <07> 82 Allowed 0000 Off
                                                            FormatCyl
                                                         1
                   3 SWB-39 <09> 82 Allowed 0000 Off
                                                         1 InitDriveParms
                   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
                                                         1
                                                            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
                   1 SWB-39 <06> 83 Allowed 0000 Off
                                                            FormatBadSectors
                                                         1 FormatCyl
1 InitDriveParms
                    2 SWB-39 <07> 83 Allowed 0000 Off
                   3 SWB-39 <09> 83 Allowed 0000 Off
                   4 SWB-39 <OE> 83 Allowed 0000 Off
                                                         1 DiagnosticESDI
                   5 SWB-39 <0F> 83 Allowed 0000 Off
                                                         1
                                                            DiagnosticESDI
                   6 SWB-39 <12> 83 Allowed 0000 Off
                                                            DiagnosticRAM
                   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
                          misc commands 17-FD results omitted
```

```
Case SWB-39 PDBlock Version 2.00
                            see log files for full results
                   226 SWB-39 <FE> 80 Allowed 0000 Off 1 Undefined 227 SWB-39 <FF> 80 Allowed 0000 Off 1 Undefined
                   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
                   Summary: 912 sent, 4 blocked, 908 not blocked
                   ***** Signal Log *****
                   SIGNAL: n
                   Assertion Expected Results
                                                         Actual Results
Results:
                               Tool active message
                                                          Tool active message
                   AM-07
                                4 drives identified
                                                          No drives identified
                   AM-08
                   AM - 09
                               Drive 80 is unprotected
                                                          Drive 80 is unprotected
                    AM-09
                               Drive 81 is unprotected
                                                          Drive 81 is unprotected
                               Drive 82 is protected
                    AM-09
                                                          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
                  SWB-39 Expected results not achieved for assertions: AM-08 AO-09
Analysis:
```

Case SWB-40 PDBlo	ock Version 2.00
Case summary:	SWB-40 Install all drives, configure return code to success, protect
	with pattern low, execute write commands, uninstall, execute all
	commands.

Case SWB-40 PDBlo	ock Version 2.00
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:	JRL
Test Date:	Fri Jan 23 15:49:13 2004
Test PC:	Rumpole
Test Software:	SWBT 1.0
Hard Drives	Drive 80, label 6F is a Maxtor 6Y060L0 with 120103200 sectors
Used:	Drive 81, label 90 is a WDC WD300BB-00CAA0 with 58633344 sectors
	Drive 82, label 2B is a Quantum QM39100TD-SCA Drive with 17783249
	sectors
	Drive 83, 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-40 Rumpole JRL w 6F 90 2B 1F
	A:\sig-log SWB-40 Rumpole JRL
	A:\t-off SWB-40 Rumpole JRL
	ren A:\swb-log.txt wt-log.txt
	ren A:\sig-log.txt sg-wt.txt
	A:\pdblock none
	A:\test-hdl SWB-40 Rumpole JRL a 6F 90 2B 1F
	A:\sig-log SWB-40 Rumpole JRL
	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 (01/23/04 at 15:48:14) Going TSR
	***** Install PDB Log *****
	PDBlock Version 2.00: (P)hysical (D)isk Write (BLOCK)er
	Drives Protected: 0,1
	Return Code: SUCCESS
	Bell: ON
	Message: ON
	***** Blocked Write Commands *****
	CMD: A:\TEST-HDL.EXE SWB-40 Rumpole JRL w 6F 90 2B 1F
	Case: SWB-40
	Command set: Write
	Date: Fri Jan 23 15:48:35 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: JRL
	Host: Rumpole
	Number of drives 4, Drives: 6F 90 2B 1F Case Cmd Drv Action Stat Cry Count Cmd Name
	0 SWB-40 <03> 80 Blocked 0000 Off 0 WriteSectors
	1 SWB-40 <08> 80 Blocked 0000 Off 0 WriteLong
	2 SWB-40 <43> 80 Blocked 0000 Off 0 ExtWrite
	Results for SWB-40 category w on drive 80 All commands blocked (3 of 3)
	0 CMD_40 <02 > 01 Dlogkod 0000 Off 0 Wait-00
	0 SWB-40 <03> 81 Blocked 0000 Off 0 WriteSectors
	1 SWB-40 <0B> 81 Blocked 0000 Off 0 WriteLong
	1 SWB-40 <0B> 81 Blocked 0000 Off 0 WriteLong 2 SWB-40 <43> 81 Blocked 0000 Off 0 ExtWrite
	1 SWB-40 <0B> 81 Blocked 0000 Off 0 WriteLong

```
Case SWB-40 PDBlock Version 2.00
                   1 SWB-40 <0B> 82 Allowed 0000 Off
                                                         1 WriteLong
                   2 SWB-40 <43> 82 Allowed 0000 Off
                                                           ExtWrite
                                                         1
                 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
                            3
                 ***** Uninstall PDB Log *****
                 PDBlock Version 2.00: (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 Rumpole JRL a 6F 90 2B 1F
                 Case: SWB-40
                 Command set: All
                 Date: Fri Jan 23 15:49:13 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: JRL
                 Host: Rumpole
                 Number of drives 4, Drives: 6F 90 2B 1F
                 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 SWB-40 <0C> 80 Allowed 0000 Off
                                                        1 SeekDrive
                   2 SWB-40 <0D> 80 Allowed 0000 Off
                                                       1 AltReset
                   3 SWB-40 <11> 80 Allowed 0000 Off
                                                         1 Recalibrate
                   4 SWB-40 <47> 80 Allowed 0000 Off
                                                        1 ExtendedSeek
                 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
                   2 SWB-40 <0D> 81 Allowed 0000 Off
                                                       1 AltReset
                   3 SWB-40 <11> 81 Allowed 0000 Off
                                                       1 Recalibrate
                   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 SeekDrive
                   1 SWB-40 <0C> 82 Allowed 0000 Off
                   2 SWB-40 <0D> 82 Allowed 0000 Off
                                                         1 AltReset
                   3 SWB-40 <11> 82 Allowed 0000 Off
                                                       1 Recalibrate
                   4 SWB-40 <47> 82 Allowed 0000 Off
                                                        1 ExtendedSeek
                 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
                   3 SWB-40 <11> 83 Allowed 0000 Off
                                                            Recalibrate
                   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)
                 Summary: 20 sent, 0 blocked, 20 not blocked
                   0 SWB-40 <01> 80 Allowed 0000 Off
                                                         1 GetLastStatus
                                                        1 VerifySectors
                   1 SWB-40 <04> 80 Allowed 0000 Off
                   2 SWB-40 <08> 80 Allowed 0000 Off
                                                            ReadDriveParms
                                                         1
                   3 SWB-40 <10> 80 Allowed 0000 Off
                                                         1 TestDriveReadv
                   4 SWB-40 <15> 80 Allowed 0000 Off
                                                         1 ReadDriveType
                   5 SWB-40 <41> 80 Allowed 0000 Off
                                                         1 CheckForExtensions
```

```
Case SWB-40 PDBlock Version 2.00
                   6 SWB-40 <44> 80 Allowed 0000 Off
                                                         1 VerifySectors
                   7 SWB-40 <48> 80 Allowed 0000 Off
                                                         1 GetDriveParms
                 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
                                                         1 VerifySectors
                   2 SWB-40 <08> 81 Allowed 0000 Off
                                                            ReadDriveParms
                   3 SWB-40 <10> 81 Allowed 0000 Off
                                                         1 TestDriveReadv
                   4 SWB-40 <15> 81 Allowed 0000 Off
                                                         1 ReadDriveType
                                                         1 CheckForExtensions
                   5 SWB-40 <41> 81 Allowed 0000 Off
                   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
                   2 SWB-40 <08> 82 Allowed 0000 Off
                                                        1 ReadDriveParms
                                                        1 TestDriveReady
1 ReadDriveType
                   3 SWB-40 <10> 82 Allowed 0000 Off
                   4 SWB-40 <15> 82 Allowed 0000 Off
                   5 SWB-40 <41> 82 Allowed 0000 Off
                                                         1 CheckForExtensions
                                                         1 VerifySectors
                   6 SWB-40 <44> 82 Allowed 0000 Off
                   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 VerifySectors
                   1 SWB-40 <04> 83 Allowed 0000 Off
                   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
                                                        1 VerifySectors
                   6 SWB-40 <44> 83 Allowed 0000 Off
                   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 ReadLong
1 ExtRead
                   1 SWB-40 <0A> 80 Allowed 0000 Off
                                                            ReadLong
                   2 SWB-40 <42> 80 Allowed 0000 Off
                 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
                                                         1 WriteSectors
                   0 SWB-40 <03> 80 Allowed 0000 Off
                   1 SWB-40 <0B> 80 Allowed 0000 Off
                                                         1 WriteLong
                                                         1 ExtWrite
                   2 SWB-40 <43> 80 Allowed 0000 Off
                 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)
                   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
```

```
Case SWB-40 PDBlock Version 2.00
                    1 SWB-40 <06> 80 Allowed 0000 Off
                                                          1 FormatBadSectors
                                                         1 FormatCyl
1 InitDrive
                    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 <0F> 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
                                                          1
                                                             InitDriveParms
                                                          1 DiagnosticESDI
                    4 SWB-40 <0E> 81 Allowed 0000 Off
                    5 SWB-40 <0F> 81 Allowed 0000 Off
                                                         1 DiagnosticESDI
                                                          1 DiagnosticRAM
                    6 SWB-40 <12> 81 Allowed 0000 Off
                    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 SWB-40 <06> 82 Allowed 0000 Off
                                                         1 FormatBadSectors
                    2 SWB-40 <07> 82 Allowed 0000 Off
                                                        1 FormatCyl
                                                         1 InitDriveParms
1 DiagnosticFSDT
                    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
                    8 SWB-40 <14> 82 Allowed 0000 Off
                                                         1 DiagnosticCTL
                  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
                                                          1 FormatBadSectors
                    2 SWB-40 <07> 83 Allowed 0000 Off
                                                        1 FormatCyl
                    3 SWB-40 <09> 83 Allowed 0000 Off
                                                        1 InitDriveParms
                                                         1 DiagnosticESDI
1 DiagnosticESDI
                    4 SWB-40 <0E> 83 Allowed 0000 Off
                    5 SWB-40 <OF> 83 Allowed 0000 Off
                    6 SWB-40 <12> 83 Allowed 0000 Off
                                                        1 DiagnosticRAM
                    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
                                                        1 Undefined
                  226 SWB-40 <FE> 80 Allowed 0000 Off
                  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
                  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
```

```
Case SWB-40 PDBlock Version 2.00
                           misc commands 17-FD results omitted
                           see log files for full results
                                                        1 Undefined
                  226 SWB-40 <FE> 82 Allowed 0000 Off
                  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
                  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
                   AM-08
                              4 drives identified
                                                         No drives identified
                              Drive 80 is protected
                                                         Drive 80 is protected
                   AM-09
                              Drive 81 is protected
                                                         Drive 81 is protected
                   AM-09
                   AM-09
                              Drive 82 is unprotected
                                                         Drive 82 is unprotected
                   AM-09
                              Drive 83 is unprotected
                                                         Drive 83 is unprotected
                   AM-10
                              4 Commands return success
                                                         0 Commands return success
                   AO-09
                              SWB removed
                                                         Some cmds blocked
                                                         No signal observed
                   AO-10
                             No signal observed
Analysis:
                  SWB-40 Expected results not achieved for assertions: AM-08 AM-10 AO-09
```

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.

Strategic Goals

NIJ has seven strategic goals grouped into three categories:

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.

Program Areas

In addressing these strategic challenges, the Institute is involved in the following program areas: crime control and prevention, including policing; drugs and crime; justice systems and offender behavior, including corrections; violence and victimization; communications and information technologies; critical incident response; investigative and forensic sciences, including DNA; less-than-lethal technologies; officer protection; education and training technologies; testing and standards; technology assistance to law enforcement and corrections agencies; field testing of promising programs; and international crime control.

In addition to sponsoring research and development and technology assistance, NIJ evaluates programs, policies, and technologies. NIJ communicates its research and evaluation findings through conferences and print and electronic media.

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