

Software Product Description

PRODUCT NAME: POLYCENTER™ Security Integrity Checker for UNIX Version 1.0
60.50.00

SPD

DESCRIPTION

Does your business require added security functionality beyond the already thorough security functionality provided by UNIX? Are you concerned with computer viruses/Trojan horses and quality control of internally developed software? If so, POLYCENTER™ Security Integrity Checker maybe the answer that will give you peace of mind with respect to your systems.

Integrity Checker aids security managers in the early detection of computer viruses and Trojan horses on their system. Currently, there are no known viruses for the UNIX operating system. However, should UNIX viruses be developed, the use of this utility will aid in their early detection.

Integrity Checker can also be used to increase system integrity, assist in the system configuration management, and provide quality assurance through software application integrity.

Features

Integrity checker can be used to monitor all files which are key to system integrity. When applied to operating system files, Integrity Checker will enhance the fundamental system integrity. With software application files, Integrity Checker will enhance the quality assurance of the software application. Integrity Checker will provide early detection of modifications to all protected files.

Integrity Checker starts by building a database of information about the files it is to protect. Files are then periodically rechecked against the database to determine if a file has been modified. The database contains such information as:

- o Filename
- o File Size
- o User/Group Identification
- o Last Modify/Staus Change Dates
- o Protection Mode

- o Other File Information As Appropriate

When combined with this information about the file, the contents of UNIX executable images files allow Integrity Checker to maintain even more detailed information on the file to prevent its alteration. This information includes:

- o Magic Number
- o Size of Text/Data/BSS Segments
- o Other Image Information As Appropriate

In addition to the above information, a cryptographic checksum of each file is created using the MD4 algorithm by RSA Data Security Inc. Taken together, the stored file header and file content information allows for the early detection of files that have been modified. This combined information also reduces the possibility of undetected modifications.

HARDWARE REQUIREMENTS

Alpha AXP Processors Supported

- | | |
|------------|---|
| Alpha AXP: | DEC 3000 Model 400 AXP Workstation,
DEC 3000 Model 400 AXP Server,
DEC 3000 Model 500 AXP Workstation,
DEC 3000 Model 500 AXP Server |
| | DEC 4000 Model 610 AXP System |
| | DEC 7000 Model 610 AXP System |
| | DEC 10000 Model 610 AXP System |

VAX Processors Supported

- | | |
|------|---|
| | VAXft Model 110,
VAXft Model 310,
VAXft Model 410,
VAXft Model 610,
VAXft Model 612 |
| VAX: | VAX 4000 Model 200,
VAX 4000 Model 300, |

VAX 4000 Model 500,
VAX 4000 Model 600

VAX 6000 Model 200 Series,
VAX 6000 Model 300 Series,
VAX 6000 Model 400 Series,
VAX 6000 Model 500 Series,
VAX 6000 Model 600 Series

VAX 8200, VAX 8250, VAX 8300,
VAX 8350, VAX 8500, VAX 8530,
VAX 8550, VAX 8600, VAX 8650,
VAX 8700, VAX 8800, VAX 8810,
VAX 8820, VAX 8830, VAX 8840

VAX 9000 Model 110,
VAX 9000 Model 210,
VAX 9000 Model 300 Series,
VAX 9000 Model 400 Series

VAX-11/730, VAX-11/750,
VAX-11/780, VAX-11/785

MicroVAX: MicroVAX II, MicroVAX 2000,
MicroVAX 3100 Model 10/10E,
MicroVAX 3100 Model 20/20E,
MicroVAX 3100 Model 30,
MicroVAX 3100 Model 40,
MicroVAX 3100 Model 80,
MicroVAX 3300, MicroVAX 3400,
MicroVAX 3500, MicroVAX 3600,
MicroVAX 3800, MicroVAX 3900

VAXstation: VAXstation II, VAXstation 2000,
VAXstation 3100 Model 30,
VAXstation 3100 Model 38,
VAXstation 3100 Model 40,
VAXstation 3100 Model 48,
VAXstation 3100 Model 76,
VAXstation 3200, VAXstation 3500,
VAXstation 3520, VAXstation 3540

VAXstation 4000 Model 60,
VAXstation 4000 VLC

VAXserver: VAXserver 3100, VAXserver 3300,
VAXserver 3400, VAXserver 3500,
VAXserver 3600, VAXserver 3602,
VAXserver 3800, VAXserver 3900

VAXserver 4000 Model 200,
VAXserver 4000 Model 300,
VAXserver 4000 Model 500

VAXserver 6000 Model 210,
VAXserver 6000 Model 220,
VAXserver 6000 Model 310,
VAXserver 6000 Model 320,
VAXserver 6000 Model 410,
VAXserver 6000 Model 420,
VAXserver 6000 Model 510,
VAXserver 6000 Model 520,
VAXserver 6000 Model 610,
VAXserver 6000 Model 620,
VAXserver 6000 Model 630

Processors Not Supported

MicroVAX I, VAXstation I, VAX-11/725, VAX-11/782,
VAXstation 8000

Processor Restrictions:

A TK50 Tape Drive is required for standalone MicroVAX 2000 and VAXstation 2000 systems.

Disk Space Requirements (Block Cluster Size = 1):

Disk space required for installation: 176 Kb

Disk space required for use (permanent): 235 Kb

These counts refer to the disk space required on the system disk. The sizes are approximate; actual sizes may vary depending on the user's system environment, configuration, and software options.

SOFTWARE REQUIREMENTS*Minimum Configuration Required:*

The software is supported on all system configurations running at least the following:

Digital UNIX 2.0

ULTRIX 4.2 ULTRIX MLS+ 1.0A

ISF/1 2.0

DISTRIBUTION MEDIA

TK50 Streaming Tape Cartridge, CDrom (AXP only).

ORDERING INFORMATION*Digital UNIX:*

Software Licenses: Q2-4R4A9-AA,

Software Media: Q2-4R4AA-H8

Software Documentation: Q2-4R4AA-GZ

ULTRIX:

Software Licenses: Q2-4R5A9-AA

Software Media: Q2-4R5AA-H5

Software Documentation: Q2-4R5AA-GZ

ULTRIX MLS+:

Software Licenses: Q2-4R6A9-AA

Software Media: Q2-4R6AA-H5

Software Documentation: Q2-4R6AA-GZ

* Denotes variant fields. For additional information on available licenses, services, and media, refer to the appropriate price book.

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SOFTWARE WARRANTY

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