



Software Product Description

PRODUCT NAME: DIGITAL Commander, Version 3.2

SPD 64.80.02

DESCRIPTION

DIGITAL™ Commander is a management software application that allows network management staff to monitor and manage messaging systems and network applications across local and wide-area networks from a central location. The application is based on the client/server model and runs on OpenVMS™ VAX™, OpenVMS Alpha, DIGITAL UNIX™, and Windows NT® Intel® and Alpha.

An easy-to-use graphical user interface (GUI) provides a color-coded real-time display of the current status of the systems and applications. Operators can quickly pinpoint and fix potential or existing problems before they impact network performance and before users even notice that there is a problem.

DIGITAL Commander includes the following components:

- A client, which connects to one or more servers to obtain monitoring information, and displays the results to the user *via* the GUI.
- A server, which handles client requests for information. The server triggers entity scanning activities and returns the results to each client that requested information about an entity. You need a server installed on each machine where an application is to be monitored.
- Scanning modules, which monitor entities under the control of a server and return the information obtained.
- A Software Developer's Kit (SDK) which allows users to easily create and integrate new scanning modules.

FEATURES

A Wide Range of Scanning Modules

Scanning modules are provided for Microsoft Exchange Server™, DIGITAL MAILbus™ products, DIGITAL mail servers, Web servers, and network applications. Operators can define scanning intervals to determine how frequently products are monitored and can also choose to monitor an entity continuously.

A Wide Range of Events can be Monitored

DIGITAL Commander can monitor the following types of event:

- Message queue congestion, message trace details, and the existence of bad-message files
- Message traffic
- Logical names and devices
- Missing files and database records
- Application counters and logs
- Processes and batch jobs
- DECnet™-Plus event logging
- Event logging and Performance counters on Windows NT
- Access to your Web

Problems can be Fixed Before Users are Affected

An alarm module ensures that problems can be pinpointed, and action taken to fix the problems, before users are affected.

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Management Scanning Module

The following Scanning Modules are included in the Server and are particularly useful in an IP environment:

- PING - Check host reachability; measure system performance.
- ISM - Check subnet consistencies.
- DNS - Check DEC™ Distributed Naming Service.
- CONTROL - Manages remote applications.

Graphical User Interface

A GUI allows operators to easily and quickly configure DIGITAL Commander. When DIGITAL Commander is configured, operators use the GUI to determine problem areas at a glance. The display can be customized using filters. Color-coding and alarms highlight problems. Histograms show the number of problems and the severity of each problem. Detailed reports can be displayed on the screen.

Detailed Reports

Detailed reports provide a snapshot of the performance and volume of traffic on each Message Transfer System. The operator can control the information displayed according to its severity level.

Secure Remote Management

DIGITAL Commander provides secure remote execution of commands on the servers; for example, it allows you to start and stop monitored products. Server access is controlled using encrypted passwords.

Interface to Manager on NetView

Interface to Manager on NetView® is possible by redirecting client output into a file. The output can be processed by a script containing SNMP-TRAP commands.

Products Monitored on DIGITAL UNIX

- MAILbus 400 MTA
- DIGITAL X.500 Directory Services
- MAILbus 400 SMTP Gateway
- MAILbus 400 Message Store
- MailWorks™

Products Monitored on OpenVMS

- MAILbus 400 MTA *
- DIGITAL X.500 Directory Services *
- MAILbus 400 Message Router Gateway
- MailWorks *
- ALL-IN-1™ *
- OfficeServer *
- VAX Message Router
- VAX Message Router Distributed Directory Service
- VAX Message Router IBM® PROFS® Gateway
- VAX Message Router IBM SNADS Gateway
- VAX Message Router VMStmail™ Gateway
- VAX Message Router X.400 Gateway
- VAX Message Router Telex Gateway

Note: An asterisk (*) indicates that the product is monitored on both OpenVMS VAX and OpenVMS Alpha. Other listed products are monitored on OpenVMS VAX only.

Products Monitored on Windows NT

- Microsoft Exchange Server Version 4.0 or later, including Version 5.5
- Microsoft® Internet Information Server
- Netscape Enterprise Server™

PMDf Product Set

The PMDF product set V5.1 or later from Innosoft includes scanning modules that enable the products to be monitored by DIGITAL Commander. These products operate on DIGITAL UNIX, and OpenVMS VAX and Alpha platforms.

DOCUMENTATION

- DIGITAL Commander Server Guide
- Four installation cards:
 - Installing the DIGITAL Commander Server on an OpenVMS System
 - Installing the DIGITAL Commander Server on a DIGITAL UNIX System
 - Installing the DIGITAL Commander Server on a Windows NT System

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— Installing the DIGITAL Commander Client on a Windows NT, Windows 95, or Windows 98 System

- Release Notes for the DIGITAL Commander Client
- Release Notes for the DIGITAL Commander Server
- DIGITAL Commander Software Developer's Kit Guide

HARDWARE REQUIREMENTS

A color display that supports a Windows NT, Windows® 95, or Windows 98 user interface.

OpenVMS VAX and Alpha, DIGITAL UNIX systems/hardware, Windows NT Intel and Windows NT Alpha configurations as follows:

Processors Supported for OpenVMS VAX and OpenVMS Alpha

Any system that is capable of running OpenVMS Version 6.2 or later except those listed as processors not supported

Processors Not Supported for OpenVMS

The following processors are not supported:

MicroVAX™ 2000, MicroVAX I, MicroVAX II, VAXstation™ 1, VAX-11/725, VAX-11/782, VAXstation 8000, VAX 7000, VAX 10000, VAXft™ Models 110, 310, 410, 610, 612, VAX-11/730, VAX-11/750, VAX-11/780, VAX-11/785, VAXstation II, VAXstation 2000

Disk Space Requirements on OpenVMS

(Block Cluster Size = 1)

Task	VAX	Alpha
Server		
Installation:	4,200 blocks (2.1 MB)	6,200 blocks (3.1 MB)
Permanent:	2,100 blocks (1 MB)	3,100 blocks (1.6 MB)
Each Scanning Module		
Installation:	1,200 blocks (.61 MB)	1,400 blocks (.72 MB)
Permanent:	600 blocks (.3 MB)	700 blocks (.36 MB)

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.

CLUSTER ENVIRONMENT

This layered product is fully supported when installed on an OpenVMS or Windows NT Cluster configuration. The HARDWARE REQUIREMENTS sections of this product's Software Product Description detail any special hardware required by this product.

Processors Supported for DIGITAL UNIX

Any Alpha system that is capable of running DIGITAL UNIX Version 4.0B or later except those listed as processors not supported.

Processors Not Supported for DIGITAL UNIX

VAX-based or RISC-based processors.

Disk Space Requirements on DIGITAL UNIX

Default Installation Directory	Disk Space
/usr/opt/NAMON032	1000 KB for each server
/usr/opt/NAMON032	500 KB for each scanning module

Processors Supported for Windows NT

Any Intel or Alpha system that is capable of running Microsoft Exchange Server.

Disk Space Requirements for the Server on Windows NT

Default Installation Directory	Disk Space (Intel - Alpha)
C:\Program Files\DIGITAL Commander\Server	1100 KB - 1300 KB for the server
C:\Program Files\DIGITAL Commander\Server	400 KB - 500 KB for each scanning module

Disk Space Requirements for the Client on Windows NT

Default Installation Directory	Disk Space (Intel - Alpha)
C:\Program Files\DIGITAL Commander\Client	1.87 MB - 3.14 MB (minimum) 53 MB - 54 MB (maximum)

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SOFTWARE REQUIREMENTS

Server Software Requirements

OpenVMS VAX, OpenVMS Alpha, DIGITAL UNIX and Windows NT software requirements are as follows:

- OpenVMS VAX Version 6.2 and Version 7.1.
- OpenVMS Alpha Version 6.2 and Version 7.1.
- DIGITAL UNIX Version 4.0B or later.
- Windows NT Version 3.51 or later.
- One of the following:
 - DECnet for OpenVMS VAX and Alpha
 - DECnet-Plus (not Windows NT)
 - DEC TCP/IP Services for OpenVMS

Client Software Requirements

The client software requirements are Windows NT Version 4.0 or later, Windows 95, or Windows 98.

GROWTH CONSIDERATIONS

The minimum hardware/software requirements for any future version of this product may be different from the minimum requirements for the current version.

SOFTWARE LICENSING

The software is furnished under the licensing provisions of Digital Equipment Corporation's Standard Terms and Conditions. For more information about DIGITAL's licensing terms and policies, contact your DIGITAL office.

License Management Facility Support

The licenses are "PC Style" Licenses and do not support License Management Facility (LMF).

Licenses for the product are as follows:

- There is one license for the server which covers all platforms. You need a license for each server you install on your system. You need a server installed on each machine where an application is to be monitored.

- There is one License for each of the following Scanning Modules:
 - One license which permits the use of up to any 5 MAILbus1 or MAILbus 400 Scanning Modules
 - MailWorks on OpenVMS or DIGITAL UNIX
 - ALL-IN-1 on OpenVMS VAX or Alpha
 - Office Server on OpenVMS VAX or Alpha
 - Microsoft Exchange on Windows NT Intel or Alpha
 - Microsoft Internet Information Server on Windows NT Intel or Alpha
 - Netscape Enterprise Server on Windows NT Intel or Alpha

Note: There are no separate licenses for the GUI Client or the SDK toolkit. This software is included with the Server Kit.

DISTRIBUTION MEDIA

One CD-ROM (all platforms)

ORDERING INFORMATION

Software Licenses

QM-4XGAA-AA DIGITAL Commander on all platforms—OpenVMS, DIGITAL UNIX and NT

QM-5TSAA-AA Up to 5 MAILbus 1/MAILbus 400 Scanning Modules

QM-5TRAA-AA Microsoft Exchange Scanning Module

QM-5TQAA-AA ALL-IN-1 Scanning Module

QM-5TPAA-AA Office Server Scanning Module

QM-5TNAA-AA MailWorks Scanning Module

QM-647AA-AA Microsoft Internet Information Server Scanning Module

QM-646AA-AA Netscape Enterprise Server Scanning Module

Note: An asterisk (*) denotes variant fields. For additional information on available licenses, services, and media, refer to the appropriate price book.

Software Media and Documentation

QB-4XGAA-SA

The above information is valid at time of release. Please contact your local DIGITAL office for the most up-to-date information.

SOFTWARE PRODUCT SERVICES

A variety of service options are available from DIGITAL. For more information, contact your local DIGITAL office.

SOFTWARE WARRANTY

This software is provided by DIGITAL with a 90 day conformance warranty in accordance with the DIGITAL warranty terms applicable to the license purchase.

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