

Software Product Description

PRODUCT NAME: WIN/MGT Station on ULTRIX, Version 1.01

SPD 32.99.00

DESCRIPTION

WIN/MGT is a product of The Wollongong Group, Inc. and is distributed under Digital Equipment Corporation's Terms and Conditions.

WIN/MGT Station on ULTRIX is a network management station software product that is designed to be used on DECstation model 2100 or 3100. The product is based on the Simple Network Management Protocol, SNMP, which is the current recommended network management protocol for TCP/IP networks. It provides the network manager with a set of tools to perform fault, performance, and configuration management, and to a lesser degree, security and accounting management. The product has an interface to DECwindows to provide the graphical user interface; all utilities are accessed through pop-up menus.

The WIN/MGT Station manages any entity that implements an SNMP Agent according to RFCs 1065, 1066 and 1098. Information from the SNMP Agent Management Information Base (MIB) is accessible to authorized Management Stations.

Fault Management

Tools implemented by the WIN/MGT Station include: network map, alarms, diagnostic functions and logging of events. The network map constantly monitors all SNMP agents on the network and indicates their status by the use of color changes of the appropriate icon and provides status messages. Traps and polling occurrences are initiated by editing the appropriate configuration files. The network manager determines which MIB variables to poll, and indicates this in the configuration file. Threshold and delta (change) values for certain MIB variables defines when a condition will set off an alarm.

Reachability can be tested between any two nodes on the network from the management Station.

Performance Management

Charts permit on-screen monitoring of pertinent MIB data in stripchart format. The GET INFO command allows for the operator to query entities for general status, interface and point-to-point link information and specific variable values. Since all MIB variable names are online, the operator can traverse the variable name tree interactively.

Configuration Management

To create a picture of the network, an interactive drawing tool is provided. Symbols on the left side of the window and operations on the top of the window allow for editing the network map at any time. A companion link map requires editing of its own configuration file before it can be displayed. The network map shows the status, by color, of each defined entity, while the link map shows the number of TCP/IP links currently established. Real-time updates are performed at operator specified intervals.

The SET command allows an operator to write to a managed entity. Read/write defined variable, routing tables and address translation table can be altered by the SET Command.

The report generation facility allows for extraction of data from the polling and trap files.

Security is implemented through use of a community identifier and the 'trivial' authentication scheme.

The private data section of the MIB which allows for vendor-specified variables is supported. Note, however, that the network manager must define this portion of the MIB in the appropriate configuration file.

SNMP uses UDP transport over IP. Proxy agents are supported. WIN/MGT Station adheres to RFCs 1065, 1066 and 1098.

HARDWARE REQUIREMENTS

DECstation configuration as specified in the System Support Addendum (SSA 32.99.00-x).

SOFTWARE REQUIREMENTS*

ULTRIX Operating System

* Refer to the System Support Addendum (SSA 32.99.00-x) for availability and versions of required software and for information regarding components of VMS DECwindows.

ORDERING INFORMATION

Software License, binaries and documentation:
QB-YLMAA-T5

SOFTWARE LICENSING

This 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 local Digital office.

SOFTWARE WARRANTY

None

This software product is sold "AS IS" without any warranty of any kind either express or implied.

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System Support Addendum

PRODUCT NAME: WIN/MGT Station on ULTRIX, Version 1.01

SSA 32.99.00-A

HARDWARE REQUIREMENTS

Processors Supported

DECstation: DECstation 2100, DECstation 3100

Block Space Requirements (Block Cluster Size = 1):

Disk space required for installation: 18,000 blocks
(9.2M bytes)

Disk space required for use (permanent): 60,000 blocks
(30.7M bytes)

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.

The minimum memory supported is 8 MB. However, the use of this software in conjunction with increased memory capability improves performance. The memory size suggested for most typical hardware configurations is at least 12 MB.

SOFTWARE REQUIREMENTS

ULTRIX Operating System V3.1

This product may run in either of the following ways:

- Stand-alone execution - running the X11 display server and the client application on the same machine.
- Remote execution - running the X11 display server and the client application on different machines.

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.

DISTRIBUTION MEDIA

Tape: TK50 Streaming Tape

ORDERING INFORMATION

Software License, Media and Documentation:
QB-ZLMAA-T5

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

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