Software Product Description

PRODUCT NAME: DECmcc Extended LAN Manager AM, Version 1.0 **SPD 31.33.01**

DESCRIPTION

DECmcc Extended LAN Manger AM is a VMS layered product that allows users, at a VAX host, to configure, manage, monitor, control, and observe any LAN Bridge, DECbridge 5xx, 6xx, and DECconcentrator 500 physical media variants in the "Extended LAN" and FDDI network environment. The term LAN Bridge is used to refer to Digital Equipment Corporation's LAN Bridge 100, LAN Bridge 150, LAN Bridge 200, METROWAVE Bridge, and Chipcom®'s Ethermodem™ Broadband Bridge.

The LAN Bridge and DECbridge products are the primary building blocks of the "Extended LAN" (Local Area Network) architecture. An Extended LAN is a collection of LANs that are interconnected and logically appear as one large Local Area Network. The DECconcentrator family of products is the primary building block of the FDDI network environment. Together these environments are physically and logically attached and extended via the DECbridge family of products. The DECbridge product line is the family of products which allow Ethernet and FDDI networks to communicate transparently.

The LAN Bridge and DECbridge products operate at the data link level, and FDDI DECconcentrators operate at the physical link level. Both product sets are transparent to upper level protocols.

DECmcc Extended LAN Manager AM resides on a VAX host. Corresponding management firmware resides in the LAN Bridges, DECbridges, and FDDI DECconcentrators.

The management protocol is used to communicate between the DECmcc VAX host running the DECmcc Extended LAN Manager AM software and the target LAN Bridges, DECbridges, and FDDI DECconcentrators. DECmcc Extended LAN Manager AM provides additional functionality to support the actual control and observation of the target LAN Bridges, DECbridges, and FDDI DECconcentrators.

DECmcc Extended LAN Manager AM software is installed and runs on any one of four DECmcc configurations (DECmcc Director V1.1, DECmcc BMS (Basic Management System) V1.1, DECmcc SMS (Site Management Station) V2.1, DECmcc EMS (Enterprise Management Station) V2.1.

Depending on the user's DECmcc configuration, an additional software license may be required. Refer to the *Optional Software Section* of the DECmcc Extended LAN Manager AM System Support Addendum (SSA 31.33.00-x) for more detail.

DECmcc Extended LAN Manager AM V1.0 is the release of software which begins the migration of the DECelms point product functionality to the DECmcc environment.

The general characteristics of DECmcc Extended LAN Manager AM include:

- Basic DECelms functionality under DECmcc
- Remote management capabilities for FDDI and Ethernet devices
- Allows for observation, monitoring, and controlling of inter-operable FDDI and Ethernet networks
- Ability to display and modify devices, lines, physical ports, forwarding database and protocol database characteristics
- Ability to enable and disable lines and physical ports
- Customize site specific alarms for the devices stored in the MIR (management information repository) for faults, errors, and changed information
- Displaying data-link counters, status, and characteristics
- Modifying parameters: operational state, forwarding database, protocol database, and spanning tree characteristics
- Remotely invoke a device's self-test capabilities
- Simultaneous management access by multiple users
- On-line HELP facility
- Similar display formats for all manageable devices

- Password protection for setable parameters (LAN Bridge 150, 200, DECbridge 5xx, 6xx, and FDDI DECconcentrators
- Load and modify source address and protocol filtering tables LAN Bridge 200 and DECbridge 5xx, 6xx
- Displays network utilization statistics (LAN Bridge 200 and DECbridge 5xx, 6xx))

HARDWARE REQUIREMENTS

VAX, MicroVAX, VAXstation, or VAXserver configuration as specified in the System Support Addendum (SSA 31.33.00-x).

SOFTWARE REQUIREMENTS*

VMS Operating System

DECmcc (Plus one of the following required):

DECmcc Director for VMS
DECmcc Basic Management System for VMS
DECmcc Site Management Station for VMS
DECmcc Enterprise Management Station for VMS

* Refer to the System Support Addendum (SSA 31.33.00-x) for availability and required versions of prerequisite/optional software.

ORDERING INFORMATION

Software Licenses: QL-GX8A*-**
Software Media and Documentation: QA-GX8AA-**
Software Documentation: QA-GX8AA-GZ
Software Product Services: QT-GX8A*-**

The following license is required when running DECmcc Extended LAN Manager AM on the DECmcc Director:

Software License: QL-GX9A*-**

Software Product Services: QT-GX9A*-**

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

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.

LICENSE MANAGEMENT FACILITY SUPPORT

This layered product supports the VMS License Management Facility.

License units for this product are allocated on a CPU-capacity basis.

For more information on the License Management Facility, refer to the VMS Operating System Software Product Description (SPD 25.01.xx) or the *License Management Facility* manual of the VMS Operating System documentation set.

For more information about Digital's licensing terms and policies, contact your local Digital office.

SOFTWARE PRODUCT SERVICES

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

Other Network Management Services are also available. These include, but are not restricted to, the following:

- Network Management Operations Services
- Network Management Planning and Design Services
- Network Management Implementation Services
- Network Management Training

SOFTWARE WARRANTY

Warranty for this software product is provided by Digital with the purchase of a license for the product as defined in the Software Warranty Addendum of this SPD.

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