COMPAQ

**Software
Product
Description**

PRODUCT NAME: Tru64™ UNIX® Server Extensions Version 4.0F   SPD 44.35.18
                  (formerly DIGITAL UNIX Server Extensions)

DESCRIPTION

Compaq Tru64 UNIX Server Extensions is a layered product for the Tru64 UNIX Operating System (formerly DIGITAL UNIX) which provides server services for other supported Tru64 UNIX systems.

REMOTE INSTALLATION SERVICE (RIS)

The Tru64 UNIX Server Extensions includes the Remote Installation Service (RIS). The RIS sets up a framework on a Tru64 UNIX server system which enables other Tru64 UNIX client systems to install the operating system software over the network from the server system. BOOTP is the boot protocol used to initiate the installations. Because of the high bandwidth requirements, RIS is supported only in local area network environments.

A RIS client can be booted from the following interfaces:

- Internal Ethernet

- The PMAD TURBOchannel Ethernet option card

- The DE422 and DE425 EISA Ethernet option cards

- The DE203, DE204, and DE205 ISA Ethernet option cards

- The DE434, DE435, and DE436, DE500 PCI Ethernet option cards

- The DEFEA EISA family of FDDI option cards

- The DEFPA PCI family of FDDI option cards

- The DEFTA TURBOchannel family of FDDI option cards

- The DETRA Token Ring option card

RIS supports he installation of a Third Party or Foreign Graphics kit into the RIS area. This is useful in the case where the user has installed a new graphics device into the system which has a driver that needs to be added to the system. With the driver included in the RIS area, the user can use the graphics device during installation.

The server must be a Tru64 UNIX server. Support for installing from an ULTRIX RIS Server to a Tru64 UNIX client has been retired.

The ability to remotely install ULTRIX clients from an ULTRIX server, as well as the ability to remotely install Tru64 UNIX clients from a Tru64 UNIX server will continue to be supported.

DATALESS CONFIGURATIONS

The Tru64 UNIX Server Extensions include support to install and operate systems in a dataless configuration. A server system maintains the root, /usr, and /var file systems for all client systems. The server maintains one copy of root for each client. The /usr file system is exported read-only and is shared by all clients registered to the environment. Each client has their own /var file system. Dataless clients access the file systems maintained on the server utilizing NFS. A minimum of one disk drive is required on each client for the purposes of dumping and swapping.

The Dataless Management Utility (dmu) is provided for the Tru64 UNIX server system, enabling the server to register and manage the software areas used by Tru64 UNIX dataless clients. BOOTP is the protocol used to boot the clients and mount the remote file systems.

April 1999

HARDWARE REQUIREMENTS

Please refer to the Tru64 UNIX Operating System Software Product Description (SPD) for specific hardware supported (SPD 41.61.xx).

Firmware Requirements for RIS Option Cards:

Console firmware and all option firmware in the DMS or RIS server and in every client system must be compatible with the version of Tru64 UNIX system software that will be running on that system.

Please refer to the Release Notes Overview included with the Console Firmware CD-ROM that is packaged with the Tru64 UNIX Operating System software kit (QA-MT4AA-H8) to determine firmware version compatibilities.

DISK SPACE REQUIREMENTS

For installation:	.160 MB
Symbolically Linked RIS area*:	7.4 MB
Extracted RIS area (containing all subsets):	523.0 MB

* A Symbolically Linked RIS area exists when the RIS area is symbolically linked to the distribution media (i.e., CD-ROM). An extracted RIS area is where all the subsets are copied from the distribution media onto the server.

SOFTWARE REQUIREMENTS

Tru64 UNIX Operating System, Version V4.0F

GROWTH CONSIDERATIONS

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

DISTRIBUTION MEDIA

CD-ROM

ORDERING INFORMATION

Software Licenses: QL-MT6A*-AA
Software Media/Documentation: QA-MT4AA-H8
Software Product Services: QT-MT6A*-W*

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

SOFTWARE LICENSING

This software is only furnished under a license. For more information about Compaq's licensing terms and conditions, contact your local Compaq office.

SOFTWARE PRODUCT SERVICES

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

YEAR 2000 READY

This product is Year 2000 Ready.

Year 2000 Ready is defined: "Year 2000 Ready" products are defined by Compaq as products capable of accurately processing, providing, and/or receiving date data from, into and between the twentieth and the twenty-first centuries, and the years 1999 and 2000, including leap year calculations, when used in accordance with the associated product documentation and provided that all hardware, firmware, and software used in combination with such products properly exchange accurate date data with the products.

For additional information visit the DIGITAL Brand area on Compaq's Year 2000 web site located at: http://www.compaq.com/year2000/

To ensure that this product is Year 2000 Ready, the following testing process/methods were utilized:

- Code Inspection – All source code modules used to build this product were inventoried and inspected to ensure correct date handling for date data eyond the year 2000.

- System Date Handling – This product was tested to ensure that the system properly handles future time including but not limited to the following dates: December 31, 1999 to January 1, 2000 rollover; February 28, 2000; February 29, 2000; March 1, 2000; and January 1, 2001.

- Regression Testing – This product was tested using a comprehensive suite of regression tests for functional, performance, and standards compliance with system time set to future dates including dates in and beyond the year 2000.

To ensure that this product inter-operates properly with other hardware and software, the following testing process/methods were utilized:

- Year 2000 readiness was tested using supported hardware and firmware.

- This product has been tested for Year 2000 readiness while operating within a computer network of other systems.

- The Associated Products (shipped with the Tru64™ UNIX® media kit) have been tested in conjunction with the operating system for Year 2000 readiness.

SOFTWARE WARRANTY

Compaq provides this software with a 90-day conformance warranty in accordance with the Compaq warranty terms applicable to the license purchase.

®   UNIX is a registered trademark in the United States and other countries, licensed exclusively through The Open Group.

™   X/Open is a trademark of X/Open Company, Ltd.

™   The Compaq logo, DEC, DIGITAL, ULTRIX and VAX are trademarks of Compaq Computer Corporation.