

PMDF®-X400 for OpenVMS, Solaris, Tru64 UNIX

Version 6.5

Overview

The PMDF-MTA/PMDF-X400 combination provides complete support for both X.400 and SMTP messaging environments. PMDF-X400 makes it possible for SMTP and X.400 e-mail users to communicate with each other including support for passing binary attachments between the two messaging systems.

Description

PMDF-X400 is a gateway between SMTP and X.400 MTAs, which conform to the 1984, 1988, and 1992 specification of the X.400 recommendations for Message Handling Systems. PMDF-X400 supports both TCP/IP and OSI transport protocols. The PMDF-X400 gateway provides address and message conversion between the X.400 P1/P2 representation and SMTP/MIME representation used by the Internet. PMDF-X400 includes support for the File Transfer Body Part of X.400 and the generation of X.400 reports from multipart/report Internet Notary format message reports.

PMDF-MTA with PMDF-X400 can provide X.400 gateway services to any remote mail system that has connectivity to PMDF. For example, DECnet or TCP/IP hosts that can interchange messages with PMDF-MTA can make full use of a PMDF-X400 gateway in order to interchange messages with X.400 mail users. Viewed from the X.400 side, PMDF-MTA and PMDF-X400 provide an

X.400 MTA conformant with the 1984, 1988, and 1992 recommendations.

PMDF-X400 can be configured to communicate with one or more remote X.400 MTAs. If multiple remote MTAs are connected, PMDF-X400 can be configured to route messages between them. Thus, PMDF-MTA/PMDF-X400 can operate as a full function X.400 MTA, but the more common usage is as a SMTP/X.400 gateway.

Address conversion between the X.400 and SMTP environments is difficult since the address structures in the two environments are so different. PMDF-X400 uses a rule-based algorithm to convert between RFC822 addresses and X.400 addresses. Because this process is not implemented as a simple table lookup, as are some other X.400 gateway implementations, PMDF-X400 does not require that users of the gateway be registered in order to use the gateway. If restricted access to the gateway needs to be enforced, PMDF itself provides generalized access restrictions which can be applied to PMDF-X400 channels.

Hardware Requirements

OpenVMS

Supports any valid OpenVMS configuration including standalone machines, OpenVMS clusters, and mixed-architecture OpenVMS clusters for VAX and Alpha hardware (I64 not supported).

Solaris

Supports any valid Solaris configuration including both SPARC and x86-based systems.

Tru64 UNIX

Supports any valid Tru64 UNIX configuration on Alpha hardware.

Software Requirements

One of the following operating system environments is required:

- * OpenVMS VAX/Alpha v6.1 or higher
- * Solaris SPARC, x86-based systems 2.6, 8 or higher (not 7)
- * Tru64 UNIX 4.0d or higher

See the version compatibility chart on our website under PMDF support for more details.

Services, Documentation, and Ordering Information

Technical Services

A highly acclaimed Technical Services program includes consulting, training, software maintenance, hotline support, and online resources—everything you need to keep your Process Software products and your network operating at peak efficiency.

Consulting

A comprehensive suite of programs is available on a host of topics, including PMDF installation and configuration, DNS setup and use, network security, troubleshooting, and others.

Hot Line Support

Networking experts are available by telephone, e-mail, or fax. Optional 24-hour support is also available.

Updates

All maintenance customers with current service contracts receive automatic software and documentation updates of major releases.

Training

A wide range of educational services can be provided at your site, at regional training locations throughout North America, or at our own training facility in Framingham, MA.

Documentation

Comprehensive documentation for all PMDF products includes user guides, installation and configuration information, management functions and utilities, programming facilities, and network security. Documentation in HTML and PDF format is included on your product CD, and is available in HTML format on Process Software's web site, www.process.com.

You can find Frequently Asked Questions (FAQs) on the Tech Support web page on the Process Software web site (<http://www.process.com/tcpip/pmdf.html>).

Ordering Information

PMDF is shipped on CD-ROM.

Software Warranty

Process Software warrants all products for 90 days from the date of delivery.

About Process Software

Process Software is a premier supplier of infrastructure software solutions to mission critical environments. We deliver customer-centric and innovative IP-based technologies to our customers worldwide, and provide them with superior customer support and service.

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