COMPAQ

Software
Product
Description

Product Name: MAILbus 400 SMTP Gateway
for Compaq Tru64 UNIX, Version 2.3

<div align="right">SPD 46.91.07</div>

PRODUCT DESCRIPTION

MAILbus 400™ SMTP Gateway brings together the world's global messaging systems - the Internet® and X.400.

MAILbus 400 SMTP Gateway provides a comprehensive solution to interworking between the Internet and X.400 environments, based on the latest Internet and X.400 messaging standards.

MAILbus 400 SMTP Gateway enables Internet and X.400 users to exchange a wide range of information, from simple text messages to complex documents and binary information. MAILbus 400 SMTP Gateway uses the Multipurpose Internet Mail Extensions (MIME) definitions to ensure the highest level of compatibility for information exchanged between the Internet and X.400 and File Transfer Bodypart 15 (FTBP) support to ensure the filename is preserved in both directions.

MAILbus 400 SMTP Gateway is flexible in its operation, providing customers with extensive control over address and data mapping. This means that customers can tune the MAILbus 400 SMTP Gateway's operation to match the needs of their particular messaging environment.

In addition to supporting the latest Internet messaging standards, MAILbus 400 SMTP Gateway also includes support for '8-bit' sendmail systems. MAILbus 400 SMTP Gateway provides customers with control over the interpretation and mapping of information in an '8-bit' sendmail environment.

The Gateway also ships with a new template for the MIME-Bodypart Mapping table named mbmt_221.template. The performance of some of the Gateways encoders and decoders has also been improved.

New features in V2.3 are:

— Support for multiple SMTP Gateway instances on the same server, dramaticallyl improving throughput.

— Support for 8-bit character sets in attachment file-names offering full ISO 8859-1 support on both sides of the gateway.

— Message filtering based on partial address translations whereby Partial address lookup can be specified by the system manager in addition to the current Mandatory and Optional.

— The Gateway now has the ability to suppress the special IA5 bodypart (RFC822 Headers) that it adds to X.400 messages."

The MAILbus 400 SMTP Gateway V2.3 has been tested and certified for full functionality on Multi-CPU Alpha servers running Compaq™ Tru64 UNIX™ and MAILbus 400 MTA V2.0C.

MAILbus 400 SMTP Gateway operates on Compaq™ Tru64 UNIX®. MAILbus 400 SMTP Gateway makes use of other COMPAQ products to connect to the Internet and X.400. MAILbus 400 SMTP Gateway uses the MAILbus 400 Message Transfer Agent for X.400 connectivity, and the SMTP mailer component of Compaq Tru64 UNIX for Internet connectivity. MAILbus 400 SMTP Gateway uses the Compaq X.500 Directory Service for address translation.

CONFORMANCE TO STANDARDS

Internet Standards

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The following Internet messaging standards are relevant to MAILbus 400 SMTP Gateway:

— RFC 1521 - MIME Part One. MAILbus 400 SMTP Gateway implements all aspects of RFC 1521 that are relevant to a messaging gateway.

— RFC 1522 - MIME Part Two. MAILbus 400 SMTP Gateway implements all aspects of RFC 1522 that are relevant to a messaging gateway.

— RFC 1137 - This specifies alternative translations for text characters known to cause interworking problems for Internet applications when included in mail addresses. MAILbus 400 SMTP Gateway implements all of RFC 1137, but can also be configured to provide other translations, depending on the requirements of the customer.

— The MIXER Specification - Consisting of RFCs 2156 & 2157. The SMTP Gateway implements the following aspects of MIXER:

  — translates X.400 reports into Delivery Status Notifications (DSNs).

  — can be configured to perform MIXER address comment handling.

  — supports MIXER address mapping tables.

  — can resolve a bodypart with the type/subtype combination message/external body.

  — conforms to those mappings of RFC 822 header fields to and from X.400 Service Elements as defined in the core MIXER document.

  — supports the mappings of MIME headers to and from File Transfer Bodypart (FTBP) parameters.

  — RFC 2157 - This specifies mappings between X.400 and RFC-822/MIME Message bodies.

— The Gateway also complies with RFC-2183 Content-Disposition.

X.400 Standards

MAILbus 400 SMTP Gateway constructs and interprets X.400 messages as defined in CCITT Recommendations X.411 and X.420 (1992).

HARDWARE REQUIREMENTS

Processors Supported

Any Alpha system supported by Compaq Tru64 UNIX, provided the system has a minimum of 64 Mbytes of physical memory. The Compaq Tru64 UNIX Software Product Description (41.61.*) contains a list of supported processors.

Disk Space Requirements

Disk space required for installation: 2950 Kbytes

Disk space required for use (permanent):   2950 Kbytes

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.

SOFTWARE REQUIREMENTS

MAILbus 400 SMTP Gateway runs on either of the following software configurations:

• Compaq Tru64 UNIX V4.0D, V4.0E or V5.0.

• DECnet/OSI for UNIX V4.0D or later.

• MAILbus 400 Message Tranfer Agent for Tru64 UNIX (Base and Mgt. subsets) V2.0C or later.

• Compaq X.500 Directory Service for Compaq Tru64 UNIX (Base subset) V3.1 or later.

MAILbus 400 SMTP Gateway can either be on the same system as MAILbus 400 MTA, or on a remote system.

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

MAILbus 400 SMTP Gateway is available as part of the COMPAQ CD-ROM Software Library for Compaq Tru64 UNIX Layered products, part number QA-054AA-H8.

ORDERING INFORMATION

Software Licenses: QL-0NNA9-**
Software Documentation: QA-0NNAA-GZ.2.3
Software Product Services: QT-0NNA9-**

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

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

SOFTWARE LICENSING

This software is furnished under the licensing provisions of Compaq Computer Corporation's Standard Terms and Conditions. For more information about COMPAQ's licensing terms and policies, contact your local COMPAQ office or Partner.

License Management Facility Support

This layered product supports the Compaq Tru64 UNIX License Management Facility.

License units for this product are allocated on an Unlimited System Use basis.

For more information on the License Management Facility, refer to the Compaq Tru64 UNIX Software Product Description (41.61.*).

SOFTWARE PRODUCT SERVICES

MAILbus 400 SMTP Gateway for Compaq Tru64 UNIX can participate in large distributed messaging networks, which may involve multiple vendors' systems in multiple locations. COMPAQ offers a number of consulting services to assist customers in the planning, installation, management, and integration of these messaging networks.

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

SOFTWARE WARRANTY

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

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