

Eudora WorldMail™ Server

Questions and Answers

What is the Eudora WorldMail Server?

The Eudora WorldMail Server is a high-performance Internet and intranet mail server.

The WorldMail Server is scaleable, rich in functionality, and consists of a native SMTP/MIME message transport, a POP3/IMAP4 message store, integrated Web server, directory services (LDAP and Ph), and comprehensive management facilities.

The WorldMail Server features a graphical administration application (the WorldMail Management Center) which can be installed on multiple computers, to allow remote administration of your WorldMail server from various locations (even your laptop). It can also be used to manage multiple servers and network services remotely from a central management station.

The extensive features of the WorldMail server are built on the standards and protocols of the Internet to provide an interoperable, open platform for fully-featured messaging.

What is the difference between an intranet and the Internet?

An intranet refers to the use of Internet technology within the organization, while Internet generally refers to the actual external connection to the global Internet network.

What is included with the Internet Mail component of the WorldMail Server?

The Internet Mail Services implement the SMTP, POP3, and IMAP4 protocols, allowing users to send and receive mail over the Internet. Full support is provided for MIME (Multipurpose Internet Mail Extensions), allowing for multi-media and multi-part messages. There is also support for MIME conversion of unlabelled 8-bit data.

As a comprehensive implementation of SMTP, Delivery Status Notifications are implemented per RFCs 1891, 1892, 1893, and 1894. This provides confirmation that a message was actually delivered to an intended recipient. In addition, SMTP Pipelining (which expedites SMTP transactions), and other extensions are supported.

What is included with the Directory Services component of the WorldMail Server?

An LDAP directory, a Web/Directory Gateway, Ph, and an Import service are included in the Directory Services component of the WorldMail Server. The LDAP directory provides a repository for information on users and other entities. The Web/Directory Gateway allows this information to be searched and modified through any web browser. Ph allows selected information to be searched and accessed through Ph clients, such as Eudora® Pro™ and Eudora Light™. The Import service automatically populates the Internet Directory with account data from the Internet Mail component.

What is the difference between SMTP and MIME?

SMTP is the protocol used to exchange messages between mail servers.

The WorldMail Server supports the transfer of SMTP messages with either text or MIME content. SMTP is the most widely used Internet application. The WorldMail Server provides an enhanced implementation of SMTP for the NT platform. This implementation is designed from the ground up for high-performance and scalability.

MIME expands the messaging abilities of SMTP and supports formats such as audio, image (GIF, JPEG), video (MPEG), and application content types with various types of encoding methods (7-bit, Base64, 8-bit, and binary). MIME allows multimedia and other non-textual formats to be handled reliably throughout the message transport process.

How does the WorldMail Server compare to sendmail?

The SMTP implementation utilized in the WorldMail Server is based on the standards in the industry, and designed to eliminate the security and performance problems commonly found in UNIX *sendmail* products. The WorldMail Server has security features designed into its enhanced implementation of SMTP whereas *sendmail* products need to be specifically configured and maintained by a knowledgeable administrator to overcome the inherent security problems. The WorldMail Server has also taken advantage of the NT multi-threaded architecture to optimize.

What is POP3 and how does it compare to IMAP4?

POP (Post Office Protocol) is the protocol used to provide simple remote access to mailboxes. POP3 is the latest version of POP that was developed to allow clients to access and interact with servers. With POP, once the mail clients connect and download their messages, the messages are typically removed from the server and stored on the client's local machine.

IMAP (Internet Message Access Protocol) is richer in functionality than POP and is designed to allow clients to access and manage their remote mailboxes as if they were local. For example, in contrast to POP where the clients can typically only download their messages, with IMAP, the client can select which messages and parts of messages they wish to download and access. The IMAP client allows the user to ask the server for headers, message bodies, or search for messages meeting a certain criteria. IMAP4 is the latest version of IMAP and has support for synchronization with off-line and mobile clients (when they are connected to the IMAP4 message store), extensive text searching capabilities, hierarchical and shared folders, status flags, and remote folder management. IMAP is a much more complex protocol than POP, with fewer clients supporting it.

Does the WorldMail Server allow remote management?

The WorldMail Management Center performs remote management of all WorldMail components over TCP/IP. It allows the administrator to manage the server from multiple systems (even a laptop), or to manage multiple servers at the same time from a central management station. The management facilities provided by the Management Center

include remote configuration, routing configuration, fault notification, performance monitoring, system management and message tracking.

Can users modify their own accounts?

Yes, users are able to modify their own accounts, using a web browser. They can change their passwords, and set up auto-reply options.

Does the WorldMail Server support mailing lists?

Yes, the WorldMail server makes it easy to create and administer mailing lists. The degree of automation can be configured, from fully manual to fully automatic, with levels in between.

What are the advantages of using the Windows NT platform?

The Windows NT platform is a powerful 32-bit operating system which is multi-threaded, multi-tasking, and runs applications for MS-DOS, OS/2, and Windows environments, including applications for Windows 95 and POSIX. The NT platform is government-rated for mission-critical applications, and supports multiple processors. It offers high-level client-server facilities which include Named Pipes, Remote Procedure Calls, and Windows Sockets with built-in security facilities that are integrated with the WorldMail Server.

Can I install the WorldMail Server on an NT Workstation?

Yes, the WorldMail Server can be installed on either an NT Server or an NT Workstation. The performance of the WorldMail Server on an NT Server will be somewhat greater through its design to give priority to network processes and its ability to support more processors.

What type of security is included in the WorldMail Server?

The WorldMail Server has enhanced security features that include APOP authentication and multi-level access control. The AOP authentication facility uses password encryption with a one-time key (different encryption each time) to prevent theft of password information and protect against replay of message. The WorldMail Management Center also supports multi-level access control (multiple passwords). This protects the WorldMail Server configuration information as needed. Additionally, detailed transaction logs are provided which allow an administrator to audit and locate sources of attempted security breaches and break-ins.

Will the WorldMail Server be available on other platforms?

Yes, there are plans to make the WorldMail Server available for other platforms which will include UNIX. These other platforms will be announced as they are released.

What are the system requirements for the WorldMail Server?

The WorldMail Server has the following system requirements:

Server:

- . Windows NT Server or Workstation 4.0 or higher
- . Intel Pentium or equivalent or better processor (multiple processors supported)
- . 32 MB RAM (64 MB recommended)
- . CD-ROM drive
- . 1 GB hard drive

What clients are supported by the WorldMail Server?

All SMTP and POP3 or IMAP4 clients, as well as Ph and LDAP clients, are supported.

What are the network requirements for the WorldMail Server?

To utilize the Internet services of the WorldMail Server, an existing TCP/IP network must exist and be operational over which the server and client machines communicate. To send and receive messages over the Internet, there must be a network connection to the Internet or to another SMTP server and DNS server external to the WorldMail Server software. It may operate over a LAN or dial-up line depending on whether the user configures SLIP, PPP, or TCP over IP.

What are the plans for enhancements?

The future plans for the WorldMail Server include ongoing feature enhancements, performance improvements, additional security options, and conformance to emerging standards.

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