

Oracle Collaboration Suite Email

The rapid growth of "connectedness", the Internet, corporate intranets and extranets call for messaging requirements that support a broad range of user and message types. Oracle Collaboration Suite's email component gives large enterprises, service providers, and online commercial applications an open, secure, massively scalable, distributed architecture that can accommodate explosive growth in both the number and type of messages while providing highly reliable messaging services from Oracle Collaboration Suite.

ORACLE EMAIL

Key Benefits

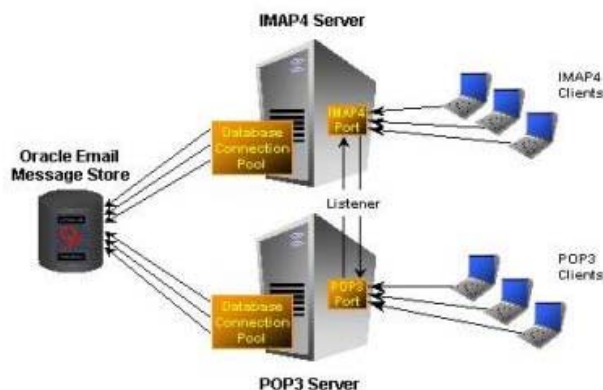
- Open standards support
- Reliable and scalable distributed architecture
- Customizable web client
- Server-side filters
- PL/SQL and Java integration with other applications
- Oracle9i-based mail store
- High availability features
- Multi-threaded architecture
- Oracle Enterprise Manager integration
- Monitoring charts
- Backup and restore of individual user mailboxes
- SSL support
- Wallet management
- X.509 certificate support
- Message store virus scrubbing capabilities

Overview

Oracle Collaboration Suite's email component uses the highly scalable and reliable Oracle9i Database as a message store for email, voice mail, and fax messages, taking advantage of Oracle's core competencies in providing access to, storing and managing all types of information. Oracle Email provides message delivery, Internet standards-based client access, Outlook support through Oracle Connector for Outlook, voicemail, wireless access, browser-based clients (both web and wireless), and administration utilities. Applications can also be mail-enabled by integrating with Oracle Email's PL/SQL and Java application programming interfaces (APIs).

Oracle9i Database-based Message Store

Oracle Email provides true unified messaging by storing all messages -- including emails, voicemails, and facsimiles -- in the same Oracle9i Database. This eliminates the need to synchronize or administer multiple stores, each contain different message types. Oracle Email users can access and manage all messages from the interface of their choice, including a web browser, phone, PDA, and fax. The Oracle9i Database, the world's leading information management platform, enables Oracle Email to offer unmatched data availability, data integrity, short recovery time and fault-tolerance capabilities. Oracle Email takes advantage of Oracle9i's Real Application Clusters, multi-threading, parallel processing, high availability support, and high performance so thousands of users can run with rapid response times and without the system going down



ORACLE EMAIL

- ◆ <!--[if !supportLists]-->A highly scalable, open standards-based solution for providing messaging services (voice, email and fax) to meet the current and future needs of growing companies, large enterprises, and service providers.
- ◆ <!--[if !supportLists]-->Uses the power and scalability of the Oracle9i Database to store and process messages of all types.
- ◆ <!--[if !supportLists]--><!--[endif]-->Allows customers to mail-enable their mission critical applications by integrating them with Oracle's customizable, flexible messaging system using Oracle Email's PL/SQL and Java application programming interfaces.

Related Products and Services

The following products are available as part of Oracle Collaboration Suite:

- ◆ Oracle Fax & Voicemail
- ◆ Oracle Calendar
- ◆ Oracle Files
- ◆ Oracle Web Conferencing
- ◆ Oracle Wireless & Voice
- ◆ Oracle Ultra Search

Highly Flexible, Scalable Architecture

Oracle Email is designed to grow to almost any size while maintaining its performance and ease of administration. Customize your Oracle Email system based on the number of messages you need to store, how many users will access the system under peak loads, and how many messages will be sent and received over a period of time. Oracle Collaboration Suite's unique distributed email architecture can support thousands of users on a single piece of hardware, if necessary. Create a two-tier system with a single host supporting a few thousand users, or a three-tier system where the protocol access servers are separated from the message database supporting tens of thousands of users. This architecture allows you to add hardware at any tier, expanding to support virtually an unlimited number of users.

Open Standards-Based Messaging

Oracle Email lets users access their messages with the messaging client of their choice. Messages can be accessed using any Internet Message Access Protocol version 4- (IMAP4) or Post Office Protocol version 3- (POP3) compliant client such as Netscape Messenger, Microsoft Outlook Express, or Eudora Pro Lite. Oracle Email also supports email access through Oracle Connector for Outlook. Oracle Email provides directory services using the lightweight directory access protocol (LDAP) standard-compliant Oracle Internet Directory.

Email Web Client

The Oracle Email Web Client provides access to email through a standard web browser. Browser-based clients provide all of the advantages of Internet computing: increased reliability because no dedicated client is needed; decreased support and administration costs because the system is maintained in a professional data center; and increased message access because there are no local message storage requirements. Users can access and manage all aspects of their Oracle Email account (including calendar and to-do's) through the browser-based interface, with appropriate functionality also available via the wireless web using WML and the Oracle Collaboration Suite wireless & voice infrastructure.

Extended Server Side Filters

Oracle Email server side filters can be applied to a wide range of mail events, including sending, relaying, deleting, and expunging a message from the system. A variety of built-in actions, such as move, delete, and forward can be used to quickly assemble complex filtering logic with optimized email operations. In addition to built-in actions, server side filters include a PL/SQL API, enabling customers to write their own customized actions and conditions.

Indexing and Search

Oracle Email's integration with Oracle Text allows message bodies and unzipped attachments to be indexed and later searched for text strings, themes, gists, and formatting such as highlight and markup.

Integration With Other Applications

PL/SQL and Java programmers can create custom application interfaces to integrate Oracle Email with other applications. Oracle Email's APIs enable applications to directly manipulate stored messages as well as create MIME-standard outgoing messages. Combined with server side rules, applications integrated with Oracle Email have a powerful means to efficiently process and manage an increasing number of messages.

Enhanced Administration Features

Oracle Email simplifies administration and management by integrating with Oracle's Enterprise Manager, allowing consolidated, web-based management of the total Oracle environment as well as integration into existing system monitoring infrastructures.

News Server

Oracle Collaboration Suite provides an NNTP server for threaded discussion and forum capabilities. Users can access newsgroups through standard clients like Microsoft Outlook Express and Netscape Communicator. Oracle Email also archives messages sent to its public distribution lists in the news server for later perusal.

Anti-Virus Capabilities

Oracle Email's virus scanning and protection includes an administration tool for quarantining messages suspected of virus infection in message stores, and third party anti-virus scanning of mail stores as well as inbound and outbound mail. Native Oracle Email anti-spam capabilities include preventing users and domains from flooding the system with unwanted messages and preventing the system from being used as a spam relay.

Enhanced Backup and Restore Capabilities

Oracle Email end users can recover deleted and even expunged messages without calling their Helpdesk by using Oracle Connector for Outlook to connect to the mail store. Oracle Collaboration Suite also provides administrators with a tool to backup and restore individual users' mailboxes without having to restore the entire mail store.

Oracle Collaboration Suite: The Messaging Solution

Oracle Email is a highly scalable, open standards-based solution for providing messaging services (voice, email and fax) to meet the current and future needs of growing companies, large enterprises, and service providers. Oracle Email uses the power and scalability of the Oracle9i Database to store and process messages of all types. Furthermore, customers can mail-enable their mission critical applications by integrating them with Oracle's customizable, flexible messaging system using Oracle Email's PL/SQL and Java application programming interfaces.