



Business Messaging and Collaboration

with Linux and OpenMail

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Agenda



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1. Business Messaging Overview

2. Why Linux?

3. Why OpenMail?

- Administrator benefits
- End-user benefits
- Bean-counter benefits

1. Business Messaging



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- ◆ **It's just e-mail, right? ... *WRONG!***
- ◆ **Successful messaging implementations in businesses enjoy...**
 - High reliability and availability
 - Flexible administration
 - Extreme scalability
 - High-class functionality
- ◆ **...all of which add up to low TCO...**

Reliability & Availability



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- ◆ **OpenMail conceived from the get-go to be reliable**
- ◆ **Key philosophy is “Never, never, never lose a message”**
- ◆ **Can do on-line backups**
- ◆ **Fast recovery from power failures etc.**
- ◆ **Also, for the ultimate in high availability, OpenMail has rich clustering support**

Flexible Administration



◆ **Core administration is performed through a command line interface**

◆ **Graphical tools are built on top of this**

◆ **All administration functionality is scriptable**

◆ **Contrast with competitors' philosophy:**

- Core administration happens in a GUI
- Minimal scriptability
- *Why suffer from RSI when administering your users?*

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Scalability



◆ **OpenMail designed to support thousands of simultaneous users per server**

◆ **Linux example:**

- single-CPU 500MHz Pentium III
- ½ GB RAM
- 2,150 users @ 60% CPU utilization

775 I/Os
per sec.

◆ **HP-UX example:**

- K580/6
- 1.3 GB RAM
- 6,500 users @ 55% CPU utilization

1556 I/Os
per sec.

◆ **Of course, attention needed to system design (especially disk I/O)...**

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Functionality



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- ◆ **Is “vanilla” internet mail functionality enough?**
 - (ESMTP, POP3, IMAP4, LDAP)
- ◆ **OpenMail does all this and more**
- ◆ **Supports Microsoft Outlook in full “MAPI” mode**
 - Not just e-mail
 - Replicated public folders
 - Store calendars, task lists, contacts, etc.
 - Share free/busy
 - Share calendar details
 - Delegation, with ACLs
- ◆ **OpenMail is *the only* non-Microsoft server to do this!**

Low TCO, Because...



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- = **Easier administration + Reliability**
- = **Fewer administrators**
- = ***Lower cost!***
- = **Better scalability**
- = **More users per server**
- = **Fewer servers**
- = ***Lower cost!***
- = **Higher functionality**
- = **Better ROI**
- = ***Lower cost!***



2. Why Linux?



◆ Linux is...

- Reliable
- Secure
- Inexpensive
- Scalable
 - (compare NT port and Linux port)

◆ Three target audiences for OpenMail...

- Existing large users, to fill-in at smaller sites
- New, small/medium users
- E-service providers (especially those with a pay-as-you-go business model)

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3. Why OpenMail?

◆ OpenMail is...

- Scalable
- Flexible
- Reliable
- Highly-available
- Low-cost
- Feature-rich
- Future-proof

◆ OpenMail is ideal for providing messaging and collaboration as an e-service

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Alternatives



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- ◆ Lotus Domino
- ◆ Sendmail Pro
- ◆ i-Planet (Netscape)
- ◆ Cyrus
- ◆ Intrastore
- ◆ University of Washington
- ◆ Microsoft Exchange

OpenMail Success in 1999



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- ◆ **Large Government department in PR China**
 - 30,000 users
 - UNIX is the preferred platform in China
- ◆ **Large telecom provider in Hong Kong**
 - 100,000 user pilot started
- ◆ **Italian government project, for 15,000 users**
- ◆ **Government office in Netherlands, up to 40,000 users**
- ◆ **Large expansion by many existing OpenMail customers**
- ◆ **Best Of Show award at LinuxWorld USA (see next page)**
- ◆ **OpenMail Anywhere offers first secure web messaging**
- ◆ **First e-mail product to support WAP**

OpenMail at LinuxWorld



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- ◆ OpenMail won the “Top Product - Best of Show” award
- ◆ Voted on by almost 10,000 attendees



Nicholas Petreley
editorial director of LinuxWorld



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◆ HP previews wares at LinuxWorld

- *"...the killer feature, if you will, is that you can use OpenMail as a drop-in replacement for Microsoft Exchange"*
- *"Users running Outlook can share calendars, schedules, and folders"*
- *"It even includes an impressive-looking Web-based e-mail interface that lets you access mail from any browser"*

Tom Yager

writing in InfoWorld Test Center



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HP delivers mail on a grand scale

- *“OpenMail for Linux is a serious alternative to Microsoft Exchange and other enterprise mail servers”*
- *“...the functionality of Exchange, including support for Microsoft Outlook’s groupware features, but provides better performance, greater scalability, and 11 languages”*
- *“Users can access their mailboxes using Outlook, Lotus cc:Mail, Lotus Notes, Microsoft Mail, Web browsers, and standards-based (SMTP, IMAP, POP) mail clients”*
- *“OpenMail is a remarkable and surprisingly affordable mail server. I predict you’ll be impressed”*

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**Business Messaging for the next E.
E-services.**

www.hp.com/go/openmail