Mail Server Migration
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Content

- Mail systems device
- Mail system migration scenarios
- Data migration
- Results
What is MyOffice?
MyOffice Mail 2.0
Technology stack
Why migrate

- Optimization of systems and resources
- Expanding functionality
- Saving money
Popular mail systems

Top Mail Server Market Shares

Exim
Sendmail
Postfix
MailEnable
MDaemon
Microsoft

MyOffice
Migration milestones

1. Survey and analysis
2. Implementation of the new system
3. Coexistence of two mail systems (optional)
4. Data migration (optional)
5. Switching to a new mail system
Implementation scenarios
Scenario #1:
"What happens in Vegas stays in Vegas"
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Scenario #2: Variations
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Scenario #3: "Communicating vessels"
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Data migration
Data migration

- Accounts
- Electronic messages
- Calendars
- Address books
Accounts

- Integration with AD, third-party LDAP directories
- Automated user creation via API
- RedHat sync utility Directory Server with Active Directory (https://access.redhat.com)
- Import LDIF
Electronic messages

File level:
• rsync

Dovecot functionality:
• dsync
• dsync with GMail Migration Feature (https://wiki.dovecot.org/Migration/Gmail)
• courier-dovecot-migrate.pl (https://wiki.dovecot.org/Migration/Courier)
• cyrus2dovecot.pl (https://holger.userpage.fu-berlin.de/cyrus2dovecot/)
Electronic messages

Migration via IMAP:

- imapcopy (http://www.ardiehl.de/imapcopy)
- imapsync (https://imapsync.lamiral.info)

Known imap software servers supporting imap admin authentication:
Office365
Gmail
Dovecot
Zimbra
Kerio
Cyrus-imap
Calendars

- Import via MyOffice Mail web interface
- Third party migration utilities (pst2calendar)
Address books

- RedHat sync utility Directory Server with Active Directory (https://access.redhat.com)
- Import LDIF
- Native synchronization utilities
Migration Issues

- Big data migration
- Support for the continuity of work of two mail services
- Integration work
- If it works don't touch it
Success!
References

• Nemeth Evie, Snyder Garth, Hayne Trent, Whaley Ben, Makin Dan "UNIX and Linux System Administration Handbook” 5th Edition

• Ralf Hildebrandt, Patrick Koetter "The Book of Postfix"

• Peer Heinlein "Dovecot: POP3/IMAP servers for enterprises and ISPs"

• Mail (MX) Server Survey: 

• Synchronizing Red Hat Directory Server with Microsoft Active Directory: 

  https://ks.lamiral.info/imapsync/FAQ.d/FAQ.Exchange.txt
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