
System Requirements for Zimbra Collaboration Suite 4.5

Zimbra Collaboration Suite system requirements for both the Network Edition and the Open Source Edition.

	Requirements
Servers	<p>Evaluation and Testing</p> <ul style="list-style-type: none">• Intel/AMD 32-bit CPU 1.5 GHz• 1 GB RAM• 5 GB free disk space for software and logs• Additional disk space for mail storage <p>Production environments</p> <ul style="list-style-type: none">• Intel/AMD CPU 32-bit 2.0 GHZ+• Minimum - 2 GB RAM Recommend - 4 GB• 10 GB free disk space for software and logs (SATA or SCSI for performance, and RAID/Mirroring for redundancy)• Additional disk space for mail storage <p>Note: RAID-5 is not recommended for installations with more than 100 accounts.</p>
Mac Server	<p>Evaluation and Testing</p> <ul style="list-style-type: none">• PPC Mac (G4 or better), Intel Core Solo, or Intel Core Duo*• 1 GB RAM• 5 GB free disk space for software and logs• Additional disk space for mail storage

Mac Server (continued)	<p>Production environments</p> <ul style="list-style-type: none">• PPC Mac (G5 or better), Intel Core Solo, or Intel Core Duo*• Minimum - 2 GB RAM Recommend - 4 GB• 10 GB free disk space for software and logs• Additional disk space for mail storage <p>*There are known issues using ZCS on Macs with the Intel Core Duo. See the Release Note.</p>
Operating System Network Edition	<ul style="list-style-type: none">• Red Hat® Enterprise Linux®, AS/ES version 4. (32-bit, 64-bit) For clustering, version 4, update 3 is required. The operating system must be configured as described in this guide.• Mac OS® X 10.4.7 <p>Note: Max OS X server installs, the following features are not included: attachment indexing/search, view attachments as HTML, clustering.</p> <ul style="list-style-type: none">• SUSE ES 9 (32-bit) and Open SUSE 10 <p>Note: SUSE server installs, the following features are not included: clustering</p>
Operating System Open Source Edition	<p>In addition to supporting the operating systems listed above for the Network Edition, other OS versions are available for the Open Source Edition. Check the Zimbra Open Source Downloads page on www.zimbra.com.</p>

Other Dependencies	<p>For Red Hat Enterprise, Fedora Core and SuSE operating systems, the server must also have the following installed:</p> <ul style="list-style-type: none"> • NPTL. Native POSIX Thread Library • Sudo. Superuser, required to delegate admins. • libidn. For internationalizing domain names in applications (IDNA) • cURL. A command line tool for transferring files with URL syntax • fetchmail. A remote-mail retrieval and forwarding utility used for on-demand TCIP/IP links. • GMP. GNU Multiple-Precision Library. • compat-libstdc++-33. Compatibility Standard C++ libraries. NOTE: The 32-bit version of the compat-libstdc rpm package is required for both 32-bit or 64-bit servers. • For Red Hat Enterprise only: compat-libstdc++-296
	<p>For Mac servers, Java 1.5 must be installed as the default Java.</p>
Miscellaneous	<ul style="list-style-type: none"> • SSH client software to transfer and install the Zimbra Collaboration Suite software. • Valid DNS configured with an A record and MX record • Servers should be configured to run Network Time Protocol (NTP) on a scheduled basis
<p>Administrator Computers</p> <p>*These OS configurations have been tested and are known to work. Other configurations may work.</p>	<ul style="list-style-type: none"> • Windows XP with either Internet Explorer 7.0 and 6.0 SP2 or Firefox 1.5.x and 2.0 • Macintosh OS X 10.4 with Firefox 1.5 and 2.0

End User Computers using Zimbra Web Client *These OS configurations have been tested and are known to work. Other configurations may work.	<p>Minimum</p> <ul style="list-style-type: none">• Intel/AMD/Power PC CPU 750MHz• 256MB RAM <p>Recommended</p> <ul style="list-style-type: none">• Intel/AMD/Power PC CPU 1.5GHz• 512MB RAM <p>Operating system/ browser combinations</p> <ul style="list-style-type: none">• Windows XP with either Internet Explorer 7 and 6.0 SP 2 or Firefox 1.5.x and 2.0• Fedora Core 4 with Firefox 1.5 and 2.0• Mac OS X 10.4 with Firefox 1.5 and 2.0 or Safari 2.0.4 (Beta)
End User Computers Using Other Clients *These OS configurations have been tested and are known to work. Other configurations may work.	<p>Minimum</p> <ul style="list-style-type: none">• Intel/AMD/Power PC CPU 750MHz• 256MB RAM <p>Recommended</p> <ul style="list-style-type: none">• Intel/AMD/Power PC CPU 1.5GHz• 512MB RAM <p>Operating system POP/IMAP combinations</p> <ul style="list-style-type: none">• Windows XP with either Outlook Express 6, Outlook 2003 (MAPI), or Thunderbird 1.0.7• Fedora Core 4 with Thunderbird 1.0.7• Mac OS X 10.4 with Apple Mail
Monitor	Display minimum resolution 1024 x 768
Internet Connection Speed	128 kbps or higher

Migration Wizard Requirements

Migration Wizard for Exchange - Accounts from Microsoft Exchange 2000, 2003 and 5.5 can be migrated to Zimbra Collaboration Suite.

Migration Wizard for Lotus Dominos - Accounts from Lotus Domino 6.0 or later can be migrated to Zimbra Collaboration Suite.

Import Wizard Requirements

Contents of a .pst file from accounts using Microsoft® Outlook® 2003 can be imported to accounts on the Zimbra server.

Zimbra Mobile for Network Edition only

Zimbra Mobile provides mobile data access to email, calendar, and contacts for users of selected mobile phones.

Zimbra Mobile supports native synchronization with the following devices.

- Treo™ 650 , Treo 700w
- Windows Mobile 5 devices

Zimbra Mobile supports synchronization with the following devices via “Mail for Exchange”.

- Symbian S60/S80 smart devices such as Nokia E Series

Zimbra Mobile supports synchronization with BlackBerry devices via certified third-party partner solutions.

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