System Requirements for Zimbra Collaboration Server 7.2

This document contains Zimbra Collaboration Server system requirements and available language information for both the Network Edition and the Open Source Edition.

System Requirements

	Requirements
Servers	Evaluation and Testing • Intel/AMD 32-bit or 64-bit CPU 1.5 GHz • 1 GB RAM • 5 GB free disk space for software and logs • Temp file space for installs and upgrades* • Additional disk space for mail storage Production environments • Minimum - 32-bit OS with Intel/AMD 2.0 GHZ+ CPU Recommended - 64-bit OS • Minimum - 2 GB RAM Recommend minimum - 4 GB RAM • Temp file space for installs and upgrades* • 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 *Temp files space- The zimbra-store requires 5GB for /opt/zimbra, plus additional space for mail storage. The other nodes require 100MB. General Requirements • Firewall Configuration should be set to “No firewall”, and the Security Enhanced Linux (SELinux) should be disabled • RAID-5 is not recommended for installations with more than 100 accounts.

Operating System Network Edition	The following operating systems are supported: • Red Hat® Enterprise Linux®, AS/ES 6 (64-bit) requires RHEL6 6.1 or later. • Red Hat® Enterprise Linux®, AS/ES 5 (32-bit or 64-bit) • Red Hat® Enterprise Linux®, AS/ES 4 (32-bit or 64-bit) **Note**: The 7.x series of ZCS will be the last release supported with RHEL4 (32-bit and 64-bit), and RHEL5 (32-bit and 64-bit). **Note**: ZCS 7.2 will be the last supported release of Zimbra Clustering with RHEL/RHCS and Veritas™ Clustering. Cluster feature with RHCS is only available on RHEL 4 with Update 5 or RHEL 5 with Update 4. • SUSE Linux Enterprise Server 11, SP1 (64-bit) • SUSE Linux Enterprise Server 10 (32-bit or 64-bit) **Note**: Cluster feature is not available on SUSE Linux versions. **Note**: The 7.x series of ZCS will be the last release supported with SLES10 (32-bit and 64-bit). Based on this expectation, we suggest that new SUSE systems use SLES11 SP1 (64-bit). • Ubuntu 10.04 LTS Server Edition (64-bit) • Ubuntu 8.04 LTS Server Edition (32-bit or 64-bit) **Note**: Cluster feature is not available on Ubuntu Linux versions. **Note**: The 7.x series of ZCS will be the last release supported with Ubuntu 8.04 (32-bit and 64-bit). Based on this expectation, we suggest that new Ubuntu systems use Ubuntu 10.04 (64-bit).
Operating System Open Source Edition	In addition to supporting the operating systems listed above for the Network Edition, other operating system versions are available for the Open Source Edition. Check the Zimbra Open Source Downloads page on www.zimbra.com.
File Systems	**ext3** file system for Linux deployments

Other Dependencies	Netcat (nc) is required on all operating systems using ZCS. The nc utility must be installed prior to installation or upgrading. For SUSE, Ubuntu, and Debian systems, disable AppArmor and verify services that are running before installing ZCS. For Red Hat Enterprise, Fedora Core and SUSE operating systems, the server must also have the following installed: • **NPTL**. Native POSIX Thread Library • **Sudo**. Superuser, required to delegate admins. • **libidn**. For internationalizing domain names in applications (IDNA) • **GMP**. GNU Multiple-Precision Library. For Ubuntu 8.04 LTS or Ubuntu 10.04 LTS, and Debian 5: • Sudo • libidn11 • libpcre3 • libexpat1 • libgmp3c2 Note: Ubuntu 8 (64-bit) requires libperl5.8, Debian 5 and Ubuntu 10 (64-bit) require libperl5.10
Miscellaneous	• SSH client software to transfer and install the Zimbra Collaboration Server 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

Administrator Computers
 	
Note: Other configurations may work.
	The following operating system/browser combinations are supported:
	
	Windows 2000, XP, Vista, and Windows 7 with one of the following:
	• Internet Explorer 7 and later
	• The latest stable release of:
	  • Firefox
	  • Safari
	  • Google Chrome
	
	Mac OS X 10.4, 10.5 or 10.6 with one of the following:
	• The latest stable release of:
	  • Firefox
	  • Safari
	  • Google Chrome
	
	Linux (Red Hat, Ubuntu, Debian, Fedora, or SUSE) with one of the following:
	• The latest stable release of:
	  • Firefox
	  • Google Chrome

End User Computers using Zimbra Web Client
 	
Note: Other configurations may work.
	Minimum
	• Intel/AMD/Power PC CPU 750MHz
	• 256MB RAM
	
	Recommended
	• Intel/AMD/Power PC CPU 1.5GHz
	• 512MB RAM
	
	For Zimbra Web Client - Advanced version:
	The following operating system/browser combinations for the advanced Zimbra Web Client are supported:
	
	Windows 2000, XP SP 3, Vista SP 2, or Windows 7 with one of the following:
	• Internet Explorer 7 and later
	• The latest stable release of:
	  • Firefox
	  • Safari
	  • Google Chrome
	
	Mac OS X 10.4, 10.5, or 10.6 with one of the following:
	• The latest stable release of:
	  • Firefox
	  • Safari
	  • Google Chrome
	
	Linux (Red Hat, Ubuntu, Debian, Fedora, or SUSE) with one of the following:
	• The latest stable release of:
	  • Firefox
	  • Google Chrome

End User Computers using Zimbra Web Client (continued)	**For Zimbra Web Client - Standard version**
	The following operating system/browser combinations for the standard Zimbra Web Client are supported:
	
	Windows 2000, XP SP 3, Vista SP 2, or Windows 7 with one of the following browsers:
	• Internet Explorer 7 and later
	• The latest stable release of:
	  • Firefox
	  • Safari
	  • Google Chrome
	
	Mac OS X 10.4, 10.5, or 10.6 with one of the following browsers:
	• The latest stable release of:
	  • Firefox
	  • Safari
	  • Google Chrome
	
	Linux (Red Hat, Ubuntu, Debian, Fedora, or SUSE) with one of the following browsers:
	• The latest stable release of:
	  • Firefox
	  • Google Chrome

End User Computers Using Other Clients	Minimum • Intel/AMD/Power PC CPU 750MHz • 256MB RAM Recommended • Intel/AMD/Power PC CPU 1.5GHz • 512MB RAM Operating system POP/IMAP combinations • Windows XP SP 3, Vista SP 2, Windows 7 with Outlook Express 6, Outlook 2003, (MAPI), Thunderbird • Fedora Core 4 or later with Thunderbird • Mac OS X 10.4 or later with Apple Mail **Accessibility and Screen Readers** Zimbra recommends that customers requiring use of screen readers for accessibility leverage the use of the Standard Zimbra Web Client (HTML). Zimbra continues to invest in improving the accessibility of this interface.
	**Recommendation - If users are presently using IE 6, Zimbra strongly recommends that they upgrade to the latest version of Internet Explorer for optimal performance with ZWC.
Mobile OS support for Zimbra MobileSync	The following are Mobile OS support for Zimbra MobileSync: • iOS 4.0 and later • Android 2.0 and later • Windows Mobile 6.0 and later
Monitor	Display minimum resolution 1024 x 768
Internet Connection Speed	128 kbps or higher

Available Languages

This section includes information about available languages, including End User Translations and Administrator Translations.

End User Translations

Component	Category	Languages
Zimbra Web Client	Application/UI	Arabic, Chinese (Simplified PRC and Traditional HK), Danish, Dutch, English (AU, UK, US), French, German, Hindi, Hungarian, Italian, Japanese, Korean, Polish, Portuguese (Brazil), Romanian, Russian, Spanish, Swedish, Thai, Turkish, Ukrainian
Zimbra Web Client - Online Help (HTML)	Feature Documentation	Chinese (Simplified PRC and Traditional HK), Dutch, English, French, German, Italian, Japanese, Portuguese (Brazil), Russian, Spanish
Zimbra Web Client - End User Guide (PDF)	Feature Documentation	English
Zimbra Connector for Microsoft Outlook	Installer + Application/UI	Arabic, Chinese (Simplified PRC and Traditional HK), Danish, Dutch, English (AU, UK, US), French, German, Hindi, Hungarian, Italian, Japanese, Korean, Polish, Portuguese (Brazil), Romanian, Russian, Spanish, Swedish, Thai, Turkish, Ukrainian
Zimbra Connector for Microsoft Outlook - End User Guide (PDF)	Feature Documentation	English

Administrator Translations

Component	Category	Languages
Zimbra Admin Console	Application	Arabic, Chinese (Simplified PRC and Traditional HK), Danish, Dutch, English (AU, UK, US), French, German, Hindi, Hungarian, Italian, Japanese, Korean, Polish, Portuguese (Brazil), Romanian, Russian, Spanish, Swedish, Turkish, Ukrainian
Zimbra Admin Console Online Help (HTML)	Feature Documentation	English
"Documentation" *Install + Upgrade / Admin Manual / Migration / Import / Release Notes / System Requirements*	Guides	English
Zimbra Connector for Microsoft Outlook - Admin Guide (PDF)	Install + Configuration Guide	English

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April 2012

Rev 2, November 2013