

Zimbra Linux Server

Zimbra Server is the core of Zimbra Collaboration Suite; it is designed with an extremely stable and modular architecture using proven open source technologies. Zimbra Server provides tremendous flexibility because it contains all of the components necessary to run your Linux based email and calendar messaging infrastructure out of the box; it also connects to just about every popular end-user client through the many standard protocols it supports.

Key Benefits of the Zimbra Server

- **Fast, easy install** - all dependent components are packaged together in one simple installer
- **Proven open source** - built with Linux, Apache Tomcat, Postfix, MySQL, OpenLDAP, Lucene
- **Uses industry standard open protocols** - SMTP, LMTP, SOAP, XML, IMAP, POP, iCal, CalDAV
- **Efficiency and horizontal scalability** - Zimbra server is 3-5x faster than comparable systems, plus each server has its own data store, message store, and set mailbox accounts. To scale simply add more servers.
- **Software as a Service (SaaS) ready** - Multi-tenancy, delegated admin, runs on commodity hardware

Easy to administer and maintain - familiar open source components, **robust migration tools**, key feature advantages like real-time backup and restore; intuitive Ajax-based web Admin Console

Zimbra Server Feature Overview

A key advantage Zimbra Server has over many other systems is that it works well across a wide variety of deployment scenarios. This can be attributed to it's inherit stability, scalability, and modern feature set which appeals to both on-premise and hosted service customers using Zimbra in education, business, government, and financial services environments.

Mission Critical Features for Larger Organizations

- **High availability** - through clustering, application level journaling / clustering
- **Backup and recovery** - Live online move and restore of individual or a group of mailboxes without a service disruption; **supports full and incremental backup**
- **Microsoft Active Directory integration** - Easily add LDAP directories for authentication and Global Address Lists
- **Built-in security** - integrated anti-spam and anti-virus out of the box (SpamAssassin, ClamAV, plus add 3rd parties)
- **Archiving and compliance**- support to meet growing regulatory requirements in today's enterprise with Zimbra Archive and Discovery

Software as a Service (SaaS) Ready

- **Native hierarchical storage management** - allows for cost effective multiple GB mail boxes by seamlessly moving off older messages to commodity storage.
- **Class-of-Service (COS)** - easily manage features and storage quotas with COS.
- **Multi-domain support** - multi-tenancy domain-level administration and domain-level re-branding
- **Service provider tools** - such limiting number of mailboxes per domain or allowing domain administrators to set their own storage quotas and security policies

Open and Flexible for Integration

- **Uses industry standard open protocols** - SMTP, LMTP, SOAP, XML, IMAP, POP, iCal, CalDAV
- **Extensible with web services** - Connect other inter / intranet applications and data source via complete set of SOAP / REST web service APIs and Zimlets
- **Native integration with popular clients** - server syncs with Microsoft Outlook (via MAPI), Apple Desktop (iSync), Novell Evolution and popular mobile devices with no additional server needed.

Zimbra Security

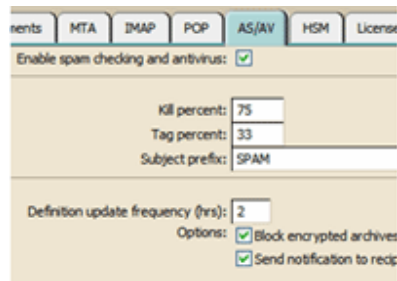
One of Zimbra's core values is to holistically emphasize safety and security. Hence we have built in best-of-breed measures to make Zimbra Collaboration Suite highly secure. This applies to both end users (virus, spam, phishing protection) and to the overall ZCS architecture / deployment framework (authentication, encryption).

Integrated Anti-virus (AV)

The ZCS server comes embedded with ClamAV, the award-winning open source AV system. It is deployed as an extension of our Postfix MTA. Its threat definitions (anti-virus, anti-worm, anti-phishing) are updated multiple times each day to maximize protection. It is enabled during ZCS installation, so all 'end points' running against the Zimbra server have AV protection (Outlook, ZCS web client) out-of-the-box.

You are free to use ClamAV or you can choose to run any third-party alternative. We provide a plug-in framework to make adding other services easy.

End users running the ZCS web client running on a Linux-based ZCS server also have an additional layer of protection- attachments can be viewed as html rather than being downloaded. Keeping the attachment server side is more secure and also more convenient for end users (fewer clicks).



The screenshot shows a configuration window with tabs for 'sents', 'MTA', 'IMAP', 'POP', 'AS/AV', 'HSM', and 'License'. The 'AS/AV' tab is selected. The 'Enable spam checking and antivirus' checkbox is checked. Below this, there are input fields for 'Kill percent' (75), 'Tag percent' (33), and 'Subject prefix' (SPAM). At the bottom, there is a 'Definition update frequency (hrs)' field set to 2, and two checked options: 'Block encrypted archives' and 'Send notification to recip'.

Integrated Anti-Spam (AS)

Similar to our AV solution, ZCS also comes with built in anti-spam filtering on the server using open source tools SpamAssassin and DSPAM. These tools support ongoing training (what is spam and what isn't), allowing organizations to optimize performance in their own environment. Each package is enabled during ZCS installation, receives regular updates, and spam training is automatically on to let users train spam filters as they move messages in and out of their Junk folders.

Zimbra Security Framework Overview

To support highly secure deployments Zimbra Collaboration Suite is designed with a classic network security model where server-side systems must be trusted, but the client-side need not be. Thus, with the server physically protected businesses and organizations can deliver secure messaging and collaboration to their end users anywhere, even on their home computers, public Internet kiosks, etc. (without being forced to deploy costly Virtual Private Networks).

Key security framework methodologies:

- Network privacy and server authentication - ZCS is able to use SSL/TLS encryption of all network communications (signified by "https:" URLs)
- Client authentication token required - "auth" tokens contain a cryptographically secure representation of the user's individual and machine/network identity, as well as an expiration time. This auth-token prevents classic data-injection attacks on the server.
- End-to-end data encryption - ZCS has multiple implementation options for encryption between the client and server. ZCS is compatible with encryption technologies such Secure Multipurpose Internet Mail Extensions (S-MIME) or Pretty Good Privacy (PGP).

Other Web Client Security Benefits

The ZCS web client is an Ajax-based application. While it does rely on standard web platform technologies, Ajax has many inherent advantages over traditional products:

- Web client is downloaded - Ajax client code is downloaded on demand from the trusted ZCS server after a particular user logs-in. No software is left on the client for a malicious person to tamper with.
- No persistent caching of user data - A substantial exposure with traditional web mail clients is that they cache HTML data including message contents, addresses, etc. This is a significant security vulnerability Ajax applications like the ZCS client avoid because no user data is cached on disk.
- Server-side control of Zimlet mash-ups - Zimlets and other mash-ups are precluded from accessing arbitrary services on the Internet. This means the ZCS server can act as a secure, proxy gateway for accessing intranet applications, and can govern which web services are accessible for mash-up within the Zimbra Ajax web client.

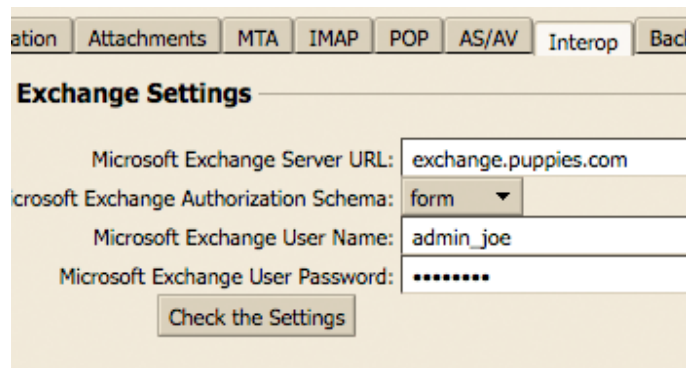
Interoperability with Exchange and Other Collaboration Platforms

A common problem with existing software investments is smoothly transitioning to new technologies. Zimbra provides many compatibility solutions for these scenarios, ranging from migration tools to Zimbra Server interoperability with Microsoft Active Directory and Exchange for mixed deployments.

Integrating Microsoft Active Directory

When Active Directory (AD) is the existing or preferred directory solution, you can easily choose to use this instead of Zimbra LDAP (which is included with ZCS). Configuring AD can be quickly done via the ZCS Administration Console. AD can be used for authentication, objects (conference rooms, etc) and global address list (GAL).

Microsoft Exchange Server Interoperability (Beta)



ation Attachments MTA IMAP POP AS/AV Interop Back

Exchange Settings

Microsoft Exchange Server URL: exchange.puppies.com

Microsoft Exchange Authorization Schema: form

Microsoft Exchange User Name: admin_joe

Microsoft Exchange User Password:

Check the Settings

Zimbra Collaboration Suite (ZCS) provides an open and extensible 2-way framework for sharing calendar information with other collaboration platforms. This enables users on different systems to share schedules, free-busy information and resources such as conference rooms. This is ideal in larger multi-department deployments or in cases where gradual migration of users to Zimbra is required.

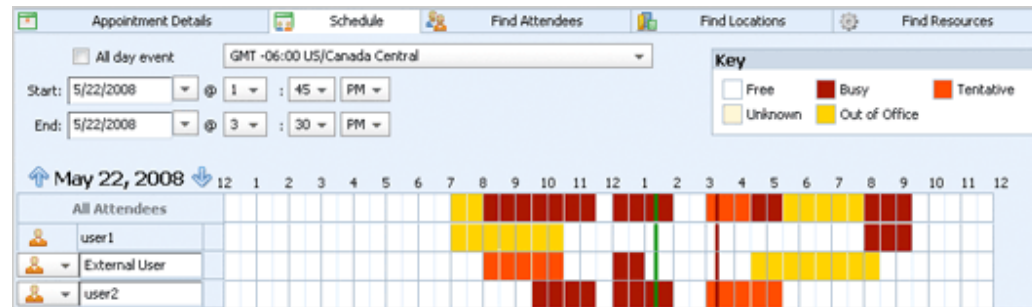
ZCS is currently interoperable with Microsoft Exchange 2003 (Beta). All that is required is minimal configuration in the Zimbra Administration Console and in Active Directory. Zimbra end users can use either the Zimbra Web Client or Microsoft Outlook (conversely Exchange users also can use Outlook).

Interop works in both ZCS Open Source and Network Edition and is free; plus the framework is available for those who wish to extend interoperability to other platforms of their choice such as IBM Domino, Novell GroupWise, or MeetingMaker.

Combined Zimbra-Exchange free/busy

Zimbra Is Easy to Administer

Zimbra Collaboration Suite 5.0 has unparalleled flexibility and ease of maintenance. The web-based Administration UI makes provisioning and server management simple from any location. Plus, a full complement of migration tools make the transition from legacy systems to ZCS seamless

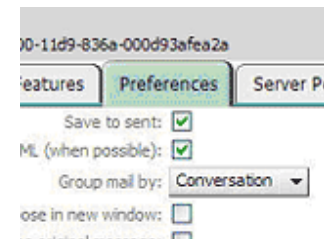


Ajax Web Client Administration UI

The Zimbra Admin UI is just as easy to use as our end-user Ajax web client and equally powerful. Administrators can manage any aspect of the Zimbra server including:

Ajax Admin UI

- Manage class of service
- Create and edit new accounts
- Create and edit distribution lists
- Manage email queues
- View and manage systems status
- Start system backups
- Manage Zimlet deployment

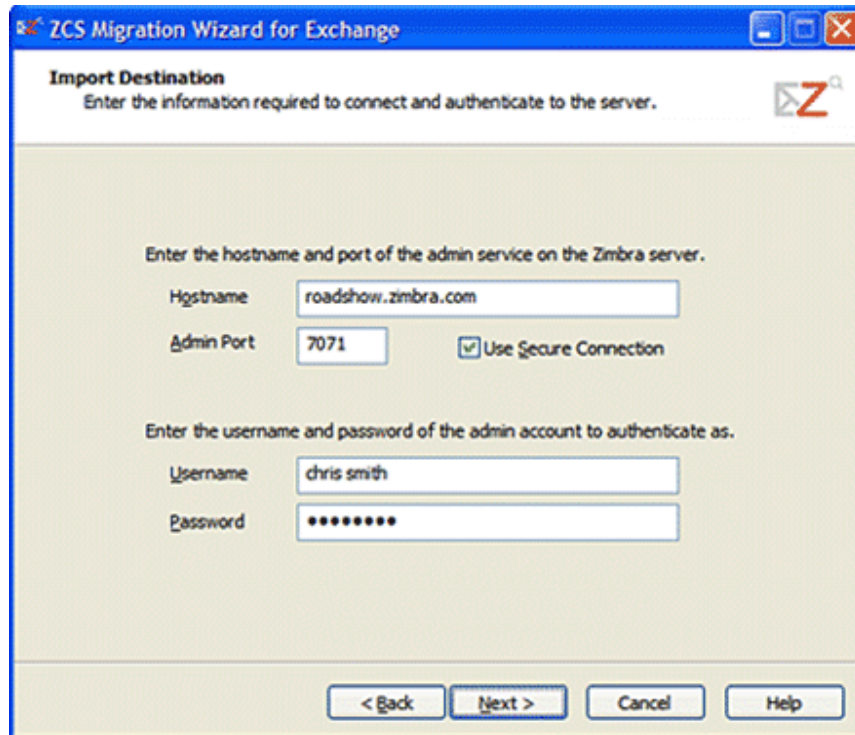


Full Admin Scripting Tools are also available for large scale / batch operations. To access Zimbra Collaboration Suite Administrator's guide, please use the following links:

http://www.zimbra.com/docs/ne/latest/administration_guide/

<http://files.zimbra.com/website/docs/Zimbra%20NE%20Admin%20Guide.pdf>

Microsoft Exchange, Lotus Domino, Novell GroupWise Migration Tools



Zimbra provides a complete set of services to plan and execute customer migrations from Exchange, Domino, GroupWise, or other legacy email systems onto ZCS. The Zimbra Team will work directly with you to determine the best strategy for your migration.

Our tools and team can help with scenarios ranging from a small business up to a large service provider for full enterprise migration strategy.

For general migration scenarios:

- Consulting, best practices, sample scripts, and documentation provided
- Supported migration formats include IMAP (email), CSV (contacts), iCal (calendar)
- For more information on migration visit our Migration Wiki

For Exchange / Domino / GroupWise migration scenarios:

- Consulting, best practices, sample scripts, and documentation provided

- Wizard applications that perform direct server-to-server migration at the individual or batch level
- For Outlook / Exchange a PST importer application is also available

Zimbra Collaboration Suite Mobility

Zimbra Collaboration Suite (ZCS) can be accessed from a wide range of devices, from mass market handsets to smartphones. The features offered in ZCS are ideal for integrating the diverse mix of devices end-users are choosing and maximizes mobility throughout your organization.

In addition to supporting mobile POP and IMAP access, Zimbra is the only open source solution for Linux and Mac servers supporting access to your email, contacts, and calendar via:

- **Mobile Web Browsers** - All devices with HTML capable browsers, including the Apple iPhone, have real time access to the Zimbra Server using our Mobile Web Client
- **Java Enabled Devices** - Popular devices, such as the Motorola RAZR, support Zimbra Mobile Edition; an elegant client experience with over-the-air (OTA) Zimbra Server sync
- **Smartphones** - Native OTA synchronization and push email on iPhone, Windows, Palm, and Symbian OS devices with Zimbra Mobile
- **BlackBerry Smartphones** - Completely native OTA synchronization between the Zimbra Server and BlackBerry Enterprise Server (BES) to all BlackBerry devices with Zimbra Mobile Connector for BlackBerry Enterprise Server. ZCS Network Edition users with a Zimbra Mobile license can register, download and deploy the BlackBerry module for free.

LiquidWeb Heroic Zimbra Support

- Zimbra install and initial configuration supported
- Email account setup and removal assistance
- DNS and MX record support
- RBL configuration and support
- SpamAssassin and ClamAV support
- Automated backup configuration and restores
- Exchange to Zimbra Migration Support Assistance
- 24/7/365 Phone and Helpdesk Support
- Liquid Web Sonar Monitoring PING, SSH, HTTP, SMTP, POP3, IMAP



LiquidWeb Zimbra Pricing	
Number of Mailboxes	Price – Per Month
10 Mailboxes Network Edition Standard	\$169
20 Mailboxes Network Edition Standard	\$189
25 Mailboxes Network Edition Standard	\$199
10 Boxes Network Edition Professional	\$189
20 Boxes Network Edition Professional	\$209
25 Boxes Network Edition Professional	\$219

Additional Mail Boxes \$4/per month (Professional Edition) or
 \$2/per month (Standard Edition)

Basic Server Specifications – Upgraded Servers Available

- » **Processor:** Dual Xeon 2.8GHZ Hyperthreaded EMT64
- » **Memory:** 1GB DDR Registered ECC
- » **Hd1:** 160GB 7200RPM SATA / 8MB Cache
- » **Hd2:** 160GB 7200RPM SATA / 8MB Cache
- » **RemoteBackup:** No Remote Backup Needed
- » **OS:** Linux - CentOS 5 (+64 Bit)
- » **Zimbra Mail Admin**
- » **Bandwidth:** 3200GB Monthly Transfer (1600 in + 1600 out)

Optional add-ons: \$40/month for Dual 160GB Raid 1 Hardware setup
 \$100/month for 100GB of Guardian Backup Service

Desktop Features

- Use of Outlook, Thunderbird or Entourage to check or send email.
- Use of Calendar, Task List Manager, Notes and other Features in Outlook.
- Ability to send and receive invites to friends and co-workers.
- Ability to share calendars and collaborate with co-workers in Outlook.
- Ability to use Scheduling Assistant to coordinate meetings and resources with co-workers in Outlook.

Web-Access Features

- Check and Send email via Web interface.
- Ability to Sync my email and folders on the web with my desktop email client such as Outlook Express.
- Access to Calendar, Contact manager, Task list Manager, Notes and other Outlook features.
- Sharing of Calendars and collaboration with Co-workers and Friends.
- Use of Scheduling Assistant to coordinate meetings and resources with co-workers in Outlook.
- Ability to Sync my Calendar, Task List Manager, Notes and other features with Desktop email client.



If you would like more information in regards to Dedicated Zimbra hosting, please contact our Heroic Sales department:

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