Zimbra Collaboration 8.X

System Administration Overview

Delivered by In-Tuition

Contact training@in-tuition.net or call 0207 183 1234 to reserve your space

Target Audience

System Administrators

Delivery Methods

Classroom based and instructor led

Course Length

3 days from 9am to 5:30pm

Prerequisites

This course is designed for System Administrators with – at a minimum – entry to mid-level administration experience and working knowledge of the Linux OS. Familiarity with Zimbra Web Client features is beneficial. Participants are recommended to have previously downloaded and used the trial version of Zimbra Collaboration.

Pricing

£1,300 plus VAT per attendee. Includes 3 days training at our Euston House facility in London. Buffet style lunch each day, tea and coffee throughout the day, use of computer (if required) and internet access.

Terms

For refund, cancellations must be received no later than 16 days prior to the start of the event.

Course fees must be paid in full prior to attendance.

In-Tuition reserves the right to cancel the course at any time. Any payments received will be promptly refunded.

Use of Internet facilities is governed by In-Tuition's Acceptable Use Policy.

Course Overview

This is an in-depth, 3 day, instructor lead classroom based hands-on session that covers everything you need to know about installing, managing, and maintaining your Zimbra Collaboration version 8 deployment. This course covers basic administration plus the advanced administration functions and configuration of a multi-node Zimbra Collaboration architecture.

What You Will Learn

- Zimbra Architecture
- Installing Zimbra Collaboration
- Troubleshooting Installation
- Using the Zimbra Admin Console
- Using CLI tools
- Zimbra Collaboration System Care (monitoring system logs, queues and other resources)
- Backup & Restore in Zimbra Collaboration: scheduling and using the Admin Console
- Bugzilla and Support Portal
- Performance tuning
- Migration options & planning
- Upgrading Zimbra Collaboration
- Upgrade troubleshooting and general system troubleshooting tips
- Personalizing Zimbra Collaboration deployment – Zimlets, Custom Skins/Themes
- Zimbra Collaboration Multi-Node Deployment
- Architecture and Storage Considerations
- Multi-Server Installation & Upgrading
- Reconfiguring Zimbra Collaboration into a multi-node architecture
- Directory and GAL Integration
- Advanced Monitoring & Troubleshooting

How You Will Benefit

On completion of this course, attendees will be able to install, customize, troubleshoot, maintain, and manage Zimbra Collaboration Server version 8. An overview of performance tuning, basic capacity planning and migration options/planning will also be covered.

1	**Basic Administration Training Overview** • Overview • Prerequisites • Schedule	**6**	**CLI Utility** • CLI Utility Overview • Zimbra CLI Commands • CLI Exercise
2	**Zimbra Architectural Overview** • Zimbra's Architectural Components • Backup Process Overview	**7**	**Security Topics** • Single Sign On • Add a Certificate • Enable S/MIME Zimlet
3	**Licensing** • Zimbra License Requirements • Obtaining a License • License Usage & Activation • Examining License Status	**8**	**Zimbra Collaboration System Care** • Server Statistics • Logger Service • Enabling Server Statistics • Mail Queues • Disk Capacity • Log Files • Port & Process Monitoring • Volumes & HSM • Statistics & Capacity Planning • Zimbra Collaboration Crontab Jobs • Troubleshooting Mailstore Performance - zmdiaglog • Troubleshooting Exercise
4	**Install Zimbra Collaboration** • Installation Considerations • Installation Process Overview • ZC Install Exercise	**9**	**Additional Information & Support** • Resources • Search for Information
5	**Zimbra Administration Console Overview** • Definitions • Adding & Modifying Domains • Creating a New Account • Administrator Accounts: Global and Delegated • Configuration Elements • Defining & Modifying a Class of Service • Mobile Device Management • Dumpster, Trash, and Landfill • Auto-Discovery for ActiveSync • Global Settings Configuration • Administration Console Exercise		

Agenda – Day 2

10	**Backup / Restore** • Backup Overview • Scheduling Backups • Performing Backups • Identifying Backup Failures • Restore • Backup and Restore Exercise
11	**Performance Tuning** • Performance Tuning Guide • Performance Tuning Background
12	**Monitoring with zmstats** • Monitoring for Performance • Chart Analysis
13	**Migration Options & Planning** • Migration Planning Overview • Deployment Planning Worksheet • Migration Strategy • Provision and Configure Zimbra Collaboration as Primary or Secondary • The Migration
14	**Upgrading Zimbra Collaboration** • Before You Upgrade • Single-Server Upgrade • Single-Server Upgrade Exercise

15	**Upgrade General System Troubleshooting** • Overview • 4 Most Common Problems
16	**Zimbra on vSphere** • Overview • About Virtualization
17	**Personalizing Your Deployment – Themes and Logos** • What is a Theme? • What is a Zimlet? • Customizing Themes Exercise
18	**Zimbra Archinving and Discovery** • How Archiving and Discovery Work • Installing Archiving Packages as an Update to ZC • Creating Dedicated Archive COS in Multi-Server Environments • Performing Discovery Searches • Administering the Archive Server • Creating Archive Mailboxes • Searching Across Mailboxes • Archiving and Discovery Exercise

Agenda - Day 3

19	**Advanced Training** • Zimbra Collaboration Architectural Components • Possible Deployments • IMAP Improvements: NIO • LDAP Multi-Master Replication • Policyd • OpenDKIM	**22**	**Delegated Administration** • Delegated Administration Terminology • How Delegated Administration Rights are Granted • Implementing Delegated Administration • Revoking Rights • Viewing Rights Granted to Administrators • Predefined Delegated Administrator Role • Specific Access Rights • Delegated Administration Exercises
20	**Architecture & Storage Considerations** • Customer Profile • Storage and File System Layout • Backup Overview • Server Sizing • Server Performance Tuning • Direct NFS	**23**	**Directory & GAL Integration** • Zimbra Directory Service (LDAP) • Integration with an External Directory/AD • Free/Busy Interoperability with Exchange • IPv6 • Voice Integration • GAL Integration Exercise
21	**Multi-Server Installation & Upgrading** • Multi-Server Installation Prerequisites • Load Balancing on Zimbra Collaboration • Multi-Server Upgrades • Perform the Upgrade • Multi-Node ZC Setup Exercise		