

Course Overview

LLC403 is a rapid track course on Qmail server administration covering integration with MySQL database and security based applications. The course addresses the advanced configuration of Qmail and courier imap. Given the fact that the topics under discussion are very extensive in nature, the scope of this course is limited to the depth of skills that can be delivered in two days so as to cover the course outline effectively to the understanding of the average audience.

Pre-Requisites

Participants must have at least entry to mid-level administration knowledge, with good exposure to mail server concepts. Working knowledge on Linux or Unix OS is essential.

Target Audience

This course is designed for Linux administrators who wish to learn advanced skills on mail services including the security, authentication and virtual domains. This course is useful for the mail server administrators and other IT professionals, who want to integrate their application to the mail servers

Course Outline

Mail Service Terminology

- Mail Transport Agent
- Mail User Agent
- Mail Access Agent
- Mail Delivery Agent
- SMTP, IMAP and POP3
- Mail Delivery Process

Role of Qmail Mail Server

- Qmail Architecture
- Features of Qmail
- Mail Store Format
- Message Queues & Queue tools
- Qmail Configuration Files
- ucspi-tcp and daemontools

Qmail Mail Server Configuration

- Qmail MTA Configuration
- Configuration of Aliases
- Canonical Maps in Qmail
- Qmail-users
- Procmail Configuration
- Transport Layer Security (TLS)
- Autoresponder

Qmail in Multiple Domain

- Multiple MTA Setup
- Virtual Domains
- Limiting Mail ID Numbers
- Fetchmail Configuration
- Relaying through MTA

MySQL with Qmail Server

- SASL Overview
- SASL Libraries MySQL
- Need of SMTP AUTH
- SMTP AUTH with MySQL
- MySQL for Storing Aliases
- IMAP Server Configuration
- Courier IMAP Configuration
- IMAP with MySQL
- Transport Layer Security (TLS)
- Squirrel Mail

Securing Emails from Attacks

- Setting up User Quota
- User Based Restrictions
- Host Based Restrictions
- Clamav Antivirus
- Qmail Scanner
- Usage of Spamasassin

Qmail Server Monitoring

- Qmail Log Files
- ISOQ Logs
- Qmail-MRTG

Qmail Server Utilities

- Vqadmin
- Vpopmail
- Qmailadmin
- Maildrop
- Ezmlm Mailer

Course Duration: Two Days: 10 am - 5.30 pm

Course Fee Rs. 9,600/-

(Plus Service Tax as applicable)