UNIX/Linux – Postfix Mail Server

Course code: UNIXM1

This course is designated for administrators of net servers who need to create and administrate efficient mail server for small and big company. Participants will learn to install and configure Postfix program, install systems for remote access to mail boxes, pursue antivirus and antispam check of message, install WWW interface to mail server etc.

Who is the course for

This course is designated for administrators of net servers who need to get to run and administrate mail server on Internet for small and big company.

What we teach you

Participants will learn basic principles and possibilities of usage of electronic mail in Internet environment. The course is focused on configuration and administration of mail server in UNIX/LINUX server. Participants will learn to install systems for remote access to mail boxes, pursue antivirus and antispam check of message, install WWW interface to mail server etc.

Required skills

Installation and configuration of LINUX Knowledge of TCP/IP nets

Course Outline

Electronic mail on Internet

History of electronic mail

Terminology (MTA, MDA, MUA, etc)

Basic norm and regulation in the sphere (RFC 822, RFC 823)

Structure of e-mail message and address

Routing of electronic mail on Internet

Related configuration of DNS

Mail systems

Summary and properties of mail systems in UNIX (sendmail, postfix, Qmail, exim)

History of Postfix program

Compilation and installation of Postfix program

Creation of configuration file

Initial configuration of Postfix program

Getting to run of simple mail server

Advanced configuration of Postfix program

Creation of mail nicknames

Virtual mail servers

Security policy of mail server (relaying, authentification)

Protection against spam (spam)

Running of mail system for a lot of users (tuning of performance, cooperation with LDAP directory servers, etc.)

Systems for remote access to mail boxes

Installation and configuration of servers used for POP3 and IMAP services.

Mail delivery agents

Overview of used programs (procmail, maildrop)

Maildrop system language, usage for local delivered messages.

Messages sorting by different criteria (message size, header, etc.)

Possibility of messages forwarding to mobile phone

Antivirus checking of mail messages

Implementation of antivirus checking to LINUX system (McAffee, Kaspersky Lab, Dr. Solomon)

Connection of standard antivirus program and mail system

Installation and configuration of system for antivirus checking of mail messages

Web interface to mail system

Overview of used programs (AeroMail, Horde IMP, Twig, etc.)

Installation of WWW mail interface