Server and network monitoring, SNMP, Nagios, Munin (code: LX-MONITORING)

Overview

A practical course for network and system Unix administrators. The SNMP protocol and its Linux implementation. Tools for qualitative (Nagios) and quantitative (Munin) monitoring.

During the course participants learn how to configure and use the network and server monitoring tools in a test environment consisting of Linux servers, Windows machines, managed switches and routers.

Ask for details

Phone +44 203 608 6289
info@alx.training

Duration

2 days

Agenda

1. SNMP protocol and its Linux implementation
   — snmpd
   — application for network devices monitoring
2. Munin
   — deployment, configuration
   — troubleshooting performance problems using Munin
3. Nagios
   — principles of operation
   — planning and preparation
   — host and service dependencies
   — monitoring mechanisms configuration (NRPE, NSCA, SNMP)
   — notifications configuration (user groups, email and text message notifications)
   — writing custom plugins, event handlers

Target audience and prerequisites

Participants are expected to be familiar with:
— TCP/IP networks, routing
— Editing configuration files using a text editor
— Apache HTTP server and its basic configuration
— Reading and writing shell scripts (Bash, AWK) or at least one scripting language (Perl, Python) - necessary for writing custom monitoring plugins

Certificates

Course participants receive completion certificates signed by ALX.

Locations

— Online (English) – your home, office or wherever you want
— Warsaw (English) – Jasna 14/16A
— any other location (London, UK, EU) on request

Price

740 EUR

The price includes:

— course materials,
— snacks, coffee, tea and soft drinks,
— course completion certificate,
— one-time consultation with the instructor after course completion.

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