

Dell Hardware Maintenance: Servers

Course SSDL003 One Day; Instructorled

Overview:

The Dell Hardware Maintenance Servers course is a one-day, instructor-led, hand-on course covering Dell PowerEdge Server setup, configuration, and troubleshooting, with a strong emphasis on break-fix training.

This course combines hands-on system teardown labs with hardware architecture and software maintenance training.

Who Should Attend

This course would be of special value to anyone who is involved in the installation, maintenance and/or support of Dell Servers.

Suggested Prerequisite

This course is designed for IT professionals with a computer support background and who have technical expertise in diagnosing and servicing computer systems. This course is not designed for new technicians.

Course Outline

- Perform server setup using the System Setup Utility
- Update the BIOS, implement an asset tag, and update firmware on a PowerEdge server
- Update system drivers and perform system diagnostics
- Perform an automatic installation of Microsoft® Windows® 2000 (other operating systems are discussed) operating systems on a Dell PowerEdge server using Dell's automated system setup application (Dell OpenManage™ ServerAssistant)
 - View local server status while online and learn how to remotely view server status and shut down and restart a PowerEdge server using Dell's OpenManage™ Server Administrator
 - Create and manage RAID arrays manually
 - Perform basic troubleshooting, tear down, and rebuild PowerEdge servers. Customers will be working on the following servers while in class (or similar systems):

PowerEdge 1650

PowerEdge 2450

PowerEdge 2500

PowerEdge 2600 and 2650

PowerEdge 4600