

Netgear switches for engineers

A 2 day **Hands on** training course



Description

A hands on course covering the product specifics of Netgear switches. Installation, configuration, maintenance and troubleshooting are all covered in a practical oriented way.



Key outcomes

By the end of the course delegates will be able to:

- ✓ Install Netgear switches.
- ✓ Use the command line interface and the web based interface to manage Netgear switches.
- ✓ Configure and troubleshoot Netgear switches.
- ✓ Perform software upgrades.



Training approach

This structured course uses Instructor Led Training to provide the best possible learning experience. Small class sizes ensure students benefit from our engaging and interactive style of teaching with delegates encouraged to ask questions throughout the course. Quizzes follow each major section allowing checking of learning. Hands on sessions are used throughout to allow delegates to consolidate their new skills.



Details

Who will benefit?

Anyone working with Netgear switches. Particularly aimed at engineers and technicians supporting Netgear switches.

Prerequisites

None

Duration: 2 days

Customer rating: ★★★★★

Generic training



Generic training compliments product specific courses covering the complete picture of all relevant devices including the protocols "on the wire".

"Friendly environment with expert teaching that teaches the why before the how."
G.C. Fasthosts

Small class sizes



We limit our maximum class size to 8 delegates; often we have less than this. This ensures optimal interactivity between delegates and instructor.

"Excellent course. The small class size was a great benefit..."
M.B. IBM

Hands On training



The majority of our courses use hands on sessions to reinforce the theory.

"Not many courses have practice added to it. Normally just the theoretical stuff is covered."
J.W. Vodafone

Our courseware



We write our own courses; courseware does not just consist of slides and our slides are diagrams not bullet point text.

"Comprehensive materials that made the course easy to follow and will be used as a reference point."
V.B. Rockwell Collins

Customise your course



Please contact us if you would like a course to be customised to meet your specific requirements. Have the course your way.

"I was very impressed by the combination of practical and theory. Very informative. Friendly approachable environment, lots of hands on."
S.R. Qinetiq

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Course content

Introduction

How Ethernet works with hubs, How Ethernet works with switches. Installing Netgear switches. Hands on: Building a network with a hub, building a network with a Netgear switch.

Basic troubleshooting

The Netgear switch range, LEDs, cabling issues, factory resets, default settings. Hands on: Building a network with multiple Netgear switches.

Configuration methods

Managed vs. unmanaged switches, Console port access, telnet, web based access, SNMP, saving configurations, NVRAM, switch stacks, stacking ports. Hands on: Accessing the switch using the console, IP address configuration, telnet.

Console interface

Password protection, the menus, menu options. Hands on: Setting a password, displaying the switch configuration.

Web based interface

Getting started, basic format. Hands on: Configuring the switch using the web interface.

Port configuration

Common port configuration tasks, port trunking. Hands on: Configuring ports.

STP configuration

What is STP? Configuring STP. Hands on: Enabling and disabling STP, configuring STP.

VLAN configuration

What are VLANs? 802.1Q, tagged/untagged, creating VLANs, applying VLANs. Hands on: Setting up VLANs, setting up 802.1Q, Inter VLAN traffic.

Housekeeping

TFTP, upgrades, Hands on: Boot from net.

SNMP

SNMP configuration, NMSs. Hands on: Using SNMP to manage a Netgear switch, putting it all together: troubleshooting.

What our customers say

"Absolutely brilliant, very knowledgeable and helpful trainer would recommend to teach anyone. Kept me interested 100% of the time which is very impressive as this does not happen often, if at all!"

O. B. Network Rail

"The best technical course I've been on!"

L. W. Fujitsu Telecoms Europe

"Very well thought out and structured course. Would recommend 100%. Lots of equipment, good quality."

A.R. Unipart

"Course content is interesting. Relevant to current systems and presented well."

S.S-T. Arqiva

Step back

Introduction to Data comms & networking

Netgear switches for engineers

Step forward

Definitive Ethernet switching for engineers

TCP/IP foundation for engineers