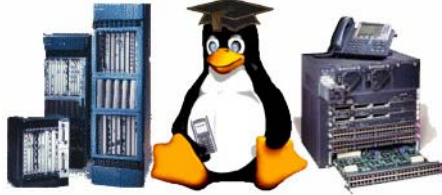


Competitor prices: CLP £1,595.00 (ex. VAT) for five days
Others range £ 1900 - £ 600
Cheapest approx £ 595 (ex.vat) for 4 days



Building Scalable Cisco Internetworks

Overview

KCC FLEX training allows the ultimate control in your training schedule. Training can be split into weekdays or weekends and time can be taken between training to suit your requirements and/or review the material. Classes are limited to a maximum of five students and students are graded into classes to ensure equal ability groups = minimum delays. Students have dedicated equipment and do not need to share PC, routers and switches. Training is conducted in modern office environments or training rooms with air conditioning and refreshments/lunches are provided.

The Instructors are of 'CCIE® level' with over 10 years experience in the real world, not only to teach to achieve certification, but also to teach to improve practical and 'on-the-job' abilities.

In this training you will create networks using advanced ip addressing and routing, test and modify scenarios, diagnose and repair faults and practice configuration changes AND PASS THAT 642-901 Cisco exam.

Pre-Requisites - a valid CCNA® certification, good PC literacy, basic network/OSI knowledge and/or previous CCNA® FLEX training and a keen interest in Cisco networking.

Target Audience - System Engineers, Network Engineers, Engineers and anyone with a keen interest in Cisco networking and the desire to improve their skills or work toward the Cisco CCNP®, CCIP®, CCDP® Certifications and above

Objectives

- Describe the converged network requirements of various network and networked applications within the Cisco network architectures
- Implement and verify EIGRP operations
- Build a scalable multi-area OSPF network
- Configure IS-IS in a single area
- Implement and verify BGP for enterprise Internet service provider (ISP) connectivity
- Implement and verify multicast forwarding using PIM and related protocols
- Describe how IPv6 functions to satisfy the increasingly complex requirements of hierarchical addressing
- Manipulate routing and packet flow
- PASS the 642-901 Cisco exam

MORE DETAILED CONTENT

Network Requirements

Describing Network Requirements

Configuring EIGRP

Introducing EIGRP in detail

Implementing and Verifying EIGRP

Configuring Advanced EIGRP Options

Configuring EIGRP Authentication

Using EIGRP in an Enterprise Network

Configuring OSPF

Introducing the OSPF Protocol in detail

OSPF Packet Types

Configuring OSPF Routing

OSPF Network Types

Link-State Advertisements

Configuring OSPF Route Summarization

Configuring OSPF Special Area Types

Configuring OSPF Authentication

The IS-IS Protocol

Introducing IS-IS and Integrated IS-IS Routing

Performing IS-IS Routing Operations

Configuring Basic Integrated IS-IS

Manipulating Routing Updates

Operating a Network Using Multiple IP Routing Protocols

Configuring and Verifying Route Redistribution

Controlling Routing Update Traffic

Implementing Advanced Cisco IOS Features : Configuring DHCP

Implementing BGP

Explaining BGP Concepts and Terminology

Explaining EBGP and IBGP

Configuring Basic BGP Operations

Selecting a BGP Path

Using Route Maps to Manipulate Basic BGP Paths

Implementing Multicast

Explaining Multicast

IGMP and Layer 2 Issues

Explaining Multicast Routing Protocols

Multicast Configuration and Verification

Implementing IPv6

Introducing IPv6

Defining IPv6 Addressing

Implementing Dynamic IPv6 Addresses

Using IPv6 with OSPF and Other Routing Protocols Using IPv6 with IPv4

EXAMPLE EXAM QUESTIONS & TECHNIQUES

PASS THAT 642-901 Cisco Exam !