

Course Outline

Module 1. Scaling IP Addresses

Overview

1.1 Scaling Networks with NAT and PAT

- 1.1.1 Private addressing
- 1.1.2 Introducing NAT and PAT
- 1.1.3 Major NAT and PAT features
- 1.1.4 Configuring NAT and PAT
- 1.1.5 Verifying PAT configuration
- 1.1.6 Troubleshooting NAT and PAT configuration
- 1.1.7 Issues with NAT

1.2 DHCP

- 1.2.1 Introducing DHCP
- 1.2.2 BOOTP and DHCP differences
- 1.2.3 Major DHCP features
- 1.2.4 DHCP operation
- 1.2.5 Configuring DHCP
- 1.2.6 Verifying DHCP operation
- 1.2.7 Troubleshooting DHCP
- 1.2.8 DHCP relay

Summary

Module 2. WAN Technologies

Overview

2.1 WAN Technologies Overview

- 2.1.1 WAN technology
- 2.1.2 WAN devices
- 2.1.3 WAN standards
- 2.1.4 WAN encapsulation
- 2.1.5 Packet and circuit switching
- 2.1.6

