

Cisco CCNP - 350-401: Implementing Cisco

Structured technical training and certification preparation

A practical, student-friendly outline covering architecture, virtualization, infrastructure, network Assurance, and security.

MODULES

6

LESSONS

47

FORMAT

Self-paced

Module Breakdown

MODULE 1

Architecture

- 1.1 About Your Instructor
- 1.2 Course Introduction
- 1.3 Welcome to the Architecture Domain
- 1.4 Classic 3 and 2 Tier Models
- 1.5 2 Tier Spine Leaf
- 1.6 Fabric Capacity Planning
- 1.7 High Availability
- 1.8 Designing a WLAN Deployment
- 1.9 Cloud vs On-Prem
- 1.10 The Cisco SD-WAN
- 1.11 Cisco SD-Access
- 1.12 QoS
- 1.13 Hardware vs Software Switching

MODULE 2

Virtualization

- 2.1 Welcome to the Virtualization Domain
- 2.2 Device Virtualization Technologies
- 2.3 Data Path Virtualization
- 2.4 Network Virtualization Concepts

Module Breakdown (continued)

<p>MODULE 3</p> <p>Infrastructure</p> <ul style="list-style-type: none">3.1 Welcome to the Infrastructure Domain3.2 Trunking - VTP - EtherChannel3.3 RSTP and MST3.4 EIGRP vs OSPF3.4 OSPF3.5 eBGP3.6 eBGP Part 23.7 WLANs3.8 NTP NAT PAT3.9 HSRP VRRP GLBP3.10 Multicast	<p>MODULE 4</p> <p>Network Assurance</p> <ul style="list-style-type: none">4.1 Welcome to the Network Assurance Module4.2 Diagnose Network Issues4.3 NetFlow4.4 SPAN4.5 IP SLA4.6 DNA Center
<p>MODULE 5</p> <p>Security</p> <ul style="list-style-type: none">5.1 Welcome to the Security Module5.2 Device Access Control5.3 ACLs and CoPP5.4 Wireless Security5.5 Components in Security Design	<p>MODULE 6</p> <p>Automation</p> <ul style="list-style-type: none">6.1 Welcome to the Automation Module6.2 Python6.3 JSON6.4 YANG6.5 NETCONF-RESTCONF6.6 APIs6.7 EEM6.8 Orchestration Tools