CISCO 350-401

Cisco CCNP Enterprise Certification Questions & Answers

Exam Summary – Syllabus – Questions

350-401

Cisco Certified Network Professional Enterprise

90-110 Questions Exam – Variable (750-850 / 1000 Approx.) Cut Score – Duration of 120 minutes

Table of Contents:

Know Your 350-401 Certification Well:

The 350-401 is best suitable for candidates who want to gain knowledge in the Cisco Enterprise. Before you start your 350-401 preparation you may struggle to get all the crucial CCNP Enterprise materials like 350-401 syllabus, sample questions, study guide.

But don't worry the 350-401 PDF is here to help you prepare in a stress free manner.
The PDF is a combination of all your queries like-

- What is in the 350-401 syllabus?
- How many questions are there in the 350-401 exam?
- Which Practice test would help me to pass the 350-401 exam at the first attempt?

Passing the 350-401 exam makes you Cisco Certified Network Professional Enterprise. Having the CCNP Enterprise certification opens multiple opportunities for you. You can grab a new job, get a higher salary or simply get recognition within your current organization.

Cisco 350-401 CCNP Enterprise Certification Details:

Exam Name	Implementing and Operating Cisco Enterprise Network Core Technologies
Exam Code	350-401
Exam Price	$400 USD
Duration	120 minutes
Number of Questions	90-110
Passing Score	Variable (750-850 / 1000 Approx.)
Recommended Training	Implementing Cisco Enterprise Network Core Technologies (ENCOR)
Exam Registration	PEARSON VUE
Sample Questions	Cisco 350-401 Sample Questions
Practice Exam	Cisco Certified Network Professional Enterprise Practice Test

350-401 Syllabus:

Section	Weight	Objectives
Architecture	15%	1. Explain the different design principles used in an enterprise network Enterprise network design such as Tier 2, Tier 3, and Fabric Capacity planning High availability techniques such as redundancy, FHRP, and SSO 2. Analyze design principles of a WLAN deployment Wireless deployment models (centralized, distributed, controller-less, controller based, cloud, remote branch) Location services in a WLAN design 3. Differentiate between on-premises and cloud infrastructure deployments 4. Explain the working principles of the Cisco SD-WAN solution SD-WAN control and data planes elements Traditional WAN and SD-WAN solutions 5. Explain the working principles of the Cisco SD-Access solution SD-Access control and data planes elements Traditional campus interoperating with SD-Access 6. Describe concepts of wired and wireless QoS QoS components QoS policy 7. Differentiate hardware and software switching mechanisms Process and CEF MAC address table and TCAM FIB vs. RIB
Virtualization	10%	1. Describe device virtualization technologies Hypervisor type 1 and 2 Virtual machine Virtual switching 2. Configure and verify data path virtualization technologies VRF

Section	Weight	Objectives
		GRE and IPsec tunneling 3. Describe network virtualization concepts LISP VXLAN
Infrastructure	30%	1. Layer 2 Troubleshoot static and dynamic 802.1q trunking protocols Troubleshoot static and dynamic EtherChannels Configure and verify common Spanning Tree Protocols (RSTP and MST) 2. Layer 3 Compare routing concepts of EIGRP and OSPF (advanced distance vector vs. linked state, load balancing, path selection, path operations, metrics) Configure and verify simple OSPF environments, including multiple normal areas, summarization, and filtering (neighbor adjacency, point-to-point and broadcast network types, and passive interface) Configure and verify eBGP between directly connected neighbors (best path selection algorithm and neighbor relationships) 3. Wireless Describe Layer 1 concepts, such as RF power, RSSI, SNR, interference noise, band and channels, and wireless client devices capabilities Describe AP modes and antenna types Describe access point discovery and join process (discovery algorithms, WLC selection process) Describe the main principles and use cases for Layer 2 and Layer 3 roaming Troubleshoot WLAN configuration and wireless client connectivity issues 4. IP Services Describe Network Time Protocol (NTP) Configure and verify NAT/PAT Configure first hop redundancy protocols, such as HSRP and VRRP Describe multicast protocols, such as PIM and IGMP v2/v3

Section	Weight	Objectives
Network Assurance	10%	1. Diagnose network problems using tools such as debugs, conditional debugs, trace route, ping, SNMP, and syslog 2. Configure and verify device monitoring using syslog for remote logging 3. Configure and verify NetFlow and Flexible NetFlow 4. Configure and verify SPAN/RSPAN/ERSPAN 5. Configure and verify IPSLA 6. Describe Cisco DNA Center workflows to apply network configuration, monitoring, and management 7. Configure and verify NETCONF and RESTCONF
Security	20%	1. Configure and verify device access control Lines and password protection Authentication and authorization using AAA 2. Configure and verify infrastructure security features ACLs CoPP 3. Describe REST API security 4. Configure and verify wireless security features EAP WebAuth PSK 5. Describe the components of network security design Threat defense Endpoint security Next-generation firewall TrustSec, MACsec Network access control with 802.1X, MAB, and WebAuth
Automation	15%	1. Interpret basic Python components and scripts 2. Construct valid JSON encoded file 3. Describe the high-level principles and benefits of a data modeling language, such as YANG 4. Describe APIs for Cisco DNA Center and vManage 5. Interpret REST API response codes and results in payload using Cisco DNA Center and RESTCONF 6. Construct EEM applet to automate configuration, troubleshooting, or data collection 7. Compare agent vs. agentless orchestration tools, such as Chef, Puppet, Ansible, and SaltStack

Cisco 350-401 Sample Questions:

Question: 1

In a resilient network topology, first-hop redundancy protocols (FHRP) overcome the limitations of which of the following?

(Choose two.)

a) Static default routes
b) Link-state routing protocols
c) Vector-based routing protocols
d) A computer with only one default gateway

Answer: a, d

Question: 2

Upon receipt of a configuration BPDU with the topology change flag set, how do the downstream switches react?

a) By moving all ports to a blocking state on all switches
b) By flushing out all MAC addresses from the MAC address table
c) By temporarily moving all non-root ports to a listening state
d) By flushing out all old MAC addresses from the MAC address table
e) By updating the Topology Change version flag on the local switch database

Answer: d

Question: 3

How does an EIGRP router indicate that a path computation is required for a specific route?

a) EIGRP sends out an EIGRP update packet with the topology change notification flag set.
b) EIGRP sends out an EIGRP update packet with a metric value of zero.
c) EIGRP sends out an EIGRP query with the delay set to infinity.
d) EIGRP sends a route withdrawal, notifying other neighbors to remove the route from the topology table.

Answer: c

Question: 4

Which BGP command advertises a summary route to prevent link-flap processing by downstream BGP routers?

a) aggregate-address network subnet-mask as-set
b) aggregate-address network subnet-mask summary-only
c) summary-address network subnet-mask
d) summary-address network mask subnet-mask

Answer: b

Question: 5

When PSK authentication is used on a WLAN, without the use of an ISE server, which of the following devices must be configured with the key string?

(Choose two.)

a) One wireless client (each with a unique key string)
b) All wireless clients
c) All APs and WLCs
d) A RADIUS server

Answer: b, c

Question: 6

To authenticate with Cisco's DNA Center, which type of HTTP request method must be used?

a) PUT
b) PATCH
c) GET
d) POST
e) HEAD

Answer: d

Question: 7

Cisco SAFE includes which of the following secure domains?

(Choose all that apply.)

a) Threat defense
b) Segmentation
c) Segregation
d) Compliance

Answer: a, b, d

Question: 8

Which of the following multicast address ranges match the administratively scoped block?

(Choose two.)

a) 239.0.0.0 to 239.255.255.255
b) 232.0.0.0 to 232.255.255.255
c) 224.0.0.0 to 224.0.0.255
d) 239.0.0.0/8
e) 224.0.1.0/24

Answer: a, d

Question: 9

What type of network device helps reduce the size of a broadcast domain?

a) Hub
b) Switch
c) Load balancer
d) Router

Answer: d

Question: 10

One switch has EtherChannel configured as auto. What options on the other switch can be configured to establish an EtherChannel bundle?

a) Auto
b) Active
c) Desirable
d) Passive

Answer: c

Study Guide to Crack Cisco CCNP Enterprise 350-401 Exam:

- Getting details of the 350-401 syllabus, is the first step of a study plan. This pdf is going to be of ultimate help. Completion of the syllabus is must to pass the 350-401 exam.
- Making a schedule is vital. A structured method of preparation leads to success. A candidate must plan his schedule and follow it rigorously to attain success.
- Joining the Cisco provided training for 350-401 exam could be of much help. If there is specific training for the exam, you can discover it from the link above.
- Read from the 350-401 sample questions to gain your idea about the actual exam questions. In this PDF useful sample questions are provided to make your exam preparation easy.
- Practicing on 350-401 practice tests is must. Continuous practice will make you an expert in all syllabus areas.

Reliable Online Practice Test for 350-401 Certification

Make NWExam.com your best friend during your Implementing and Operating Cisco Enterprise Network Core Technologies exam preparation. We provide authentic practice tests for the 350-401 exam. Experts design these online practice tests, so we can offer you an exclusive experience of taking the actual 350-401 exam. We guarantee you 100% success in your first exam attempt if you continue practicing regularly. Don't bother if you don't get 100% marks in initial practice exam attempts. Just utilize the result section to know your strengths and weaknesses and prepare according to that until you get 100% with our practice tests. Our evaluation makes you confident, and you can score high in the 350-401 exam.

Start Online practice of 350-401 Exam by visiting URL
https://www.nwexam.com/cisco/350-401-implementing-and-operating-cisco-enterprise-network-core-technologies-encor