



CISCO 350-601

Cisco CCNP Data Center Certification Questions & Answers

Exam Summary – Syllabus – Questions

350-601

[Cisco Certified Network Professional Data Center](#)

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

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Know Your 350-601 Certification Well:

The 350-601 is best suitable for candidates who want to gain knowledge in the Cisco Data Center. Before you start your 350-601 preparation you may struggle to get all the crucial CCNP Data Center materials like 350-601 syllabus, sample questions, study guide.

But don't worry the 350-601 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 350-601 syllabus?
- How many questions are there in the 350-601 exam?
- Which Practice test would help me to pass the 350-601 exam at the first attempt?

Passing the 350-601 exam makes you Cisco Certified Network Professional Data Center. Having the CCNP Data Center 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 350-601 CCNP Data Center Certification Details:

Exam Name	Implementing and Operating Cisco Data Center Core Technologies
Exam Code	350-601
Exam Price	\$400 USD
Duration	120 minutes
Number of Questions	90-110
Passing Score	Variable (750-850 / 1000 Approx.)
Recommended Training	Implementing and Operating Cisco Data Center Core Technologies (DCCOR)
Exam Registration	PEARSON VUE
Sample Questions	Cisco 350-601 Sample Questions
Practice Exam	Cisco Certified Network Professional Data Center Practice Test

350-601 Syllabus:

Section	Weight	Objectives
Network	25%	<ol style="list-style-type: none"> 1. Apply routing protocols <ul style="list-style-type: none"> • OSPFv2, OSPFv3 • MP-BGP • PIM • FHRP 2. Apply switching protocols such as RSTP+, LACP and vPC 3. Apply overlay protocols such as VXLAN EVPN and OTV 4. Apply ACI concepts <ul style="list-style-type: none"> • Fabric setup • Access policies • VMM • Tenant policies 5. Analyze packet flow (unicast, multicast, and broadcast) 6. Analyze Cloud service and deployment models (NIST 800-145) 7. Describe software updates and their impacts <ul style="list-style-type: none"> • Disruptive / nondisruptive • EPLD • Patches 8. Implement network configuration management 9. Implement infrastructure monitoring such as NetFlow and SPAN 10. Explain network assurance concepts such as streaming telemetry
Compute	25%	<ol style="list-style-type: none"> 1. Implement Cisco Unified Compute System Rack Servers 2. Implement Cisco Unified Compute System Blade Chassis <ul style="list-style-type: none"> • Initial setup • Infrastructure management • Network management (VLANs, pools and policies, templates, QoS) • Storage management (SAN connectivity, Fibre Channel zoning, VSANs, WWN pools, SAN policies, templates) • Server management (Server pools and boot policies)

Section	Weight	Objectives
		3. Explain HyperFlex Infrastructure Concepts and benefits (Edge and Hybrid Architecture vs all-flash) 4. Describe firmware and software updates and their impacts on B-Series and C-Series servers 5. Implement compute configuration management (Backup and restore) 6. Implement infrastructure monitoring such as SPAN and Intersight
Storage Network	20%	1. Implement Fibre Channel <ul style="list-style-type: none"> • Switch fabric initialization • Port channels • FCID • CFS • Zoning • FCNS • Device alias • NPV and NPIV • VSAN 2. Implement FCoE Unified Fabric (FIP and DCB) 3. Describe NFS and NAS concepts 4. Describe software updates and their impacts (Disruptive/nondisruptive and EPLD) 5. Implement infrastructure monitoring
Automation	15%	1. Implement automation and scripting tools <ul style="list-style-type: none"> • EEM • Scheduler • Bash Shell and Guest Shell for NX-OS • REST API • JSON and XML encodings 2. Evaluate automation and orchestration technologies <ul style="list-style-type: none"> • Ansible • Puppet • Python • POAP

Section	Weight	Objectives
		<ul style="list-style-type: none"> • DCNM • UCSD • PowerShell
Security	15%	1. Apply network security <ul style="list-style-type: none"> • AAA and RBAC • ACI contracts and microsegmentation • First-hop security features such as dynamic ARP inspection (DAI), DHCP snooping, and port security • CoPP 2. Apply compute security <ul style="list-style-type: none"> • AAA and RBAC • Keychain authentication 3. Apply storage security <ul style="list-style-type: none"> • AAA and RBAC • Port security • Fabric binding

Cisco 350-601 Sample Questions:

Question: 1

A server engineer wants to control power usage on a Cisco UCS C-Series rack server down to the component level. Which two components support specific power limits?

(Choose two.)

- a) storage controller
- b) network controller
- c) processor
- d) graphic card
- e) memory

Answer: a, b

Question: 2

In which programming languages does Cisco offer configuration scripts for POAP? (Choose two answers.)

- a) JSON
- b) Python
- c) TCL
- d) Perl

Answer: b, c

Question: 3

An engineer must ensure fabric redundancy when implementing NPV mode on a Cisco MDS 9000 Series Switch. Which action enables fabric redundancy?

- a) Use TE ports to connect to upstream switches.
- b) Add a port channel to upstream switches.
- c) Configure the NPV devices to use an external FLOGI database.
- d) Connect the NPV devices to multiple upstream switches.

Answer: b

Question: 4

Zone members can be defined using which of the following criteria? (Choose three answers.)

- a) Port World Wide Name (pWWN)
- b) IPv4 address
- c) FCIP address
- d) FCID

Answer: a, b, d

Question: 5

How many available IDs can be assigned to a VXLAN at any given time?

- a) 4096
- b) 160,000
- c) 1 million
- d) 16 million

Answer: d

Question: 6

What are the UCS authentication protocols that support dual-factor authentications?

(Choose two answers.)

- a) LDAP
- b) RADIUS
- c) TACACS+
- d) Local

Answer: b, c

Question: 7

What are the Cisco UCS Mini main infrastructure components?

(Choose two answers.)

- a) Fabric Interconnect
- b) Blade Server
- c) Power Supply
- d) I/O module

Answer: a, b

Question: 8

Which statements are true regarding the Cisco Nexus setup utility?

(Choose two answers.)

- a) After bootup, the setup utility will start if there is a config file saved in NVRAM
- b) After bootup, the setup utility will start if there is no config file saved in NVRAM
- c) The config utility is a dialog with steps that help you configure the Nexus switch
- d) The config utility is a dialog with steps that help you switch the initial configuration only

Answer: b, d

Question: 9

A HyperFlex solution will provide you with which of the following?

- a) Unified management
- b) Resource optimizations
- c) Lower traffic latency
- d) All of the above

Answer: d

Question: 10

Designated router elections occur on which type of network?

(Choose two answers.)

- a) Point-to-Point
- b) Broadcast (Ethernet)
- c) NBMA mode
- d) Point-to-Multipoint

Answer: b, c

Study Guide to Crack Cisco CCNP Data Center 350-601 Exam:

- Getting details of the 350-601 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 350-601 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 350-601 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 350-601 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 350-601 practice tests is must. Continuous practice will make you an expert in all syllabus areas.

Reliable Online Practice Test for 350-601 Certification

Make NWExam.com your best friend during your Implementing and Operating Cisco Data Center Core Technologies exam preparation. We provide authentic practice tests for the 350-601 exam. Experts design these online practice tests, so we can offer you an exclusive experience of taking the actual 350-601 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 350-601 exam.

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