CISCO 300-620

Cisco CCNP Data Center Certification Questions & Answers

Exam Summary – Syllabus – Questions

300-620

[Cisco Certified Network Professional Data Center](#)

55-65 Questions Exam – Variable (750-850 / 1000 Approx.) Cut Score – Duration of 90 minutes

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Know Your 300-620 Certification Well:

The 300-620 is best suitable for candidates who want to gain knowledge in the Cisco Data Center. Before you start your 300-620 preparation you may struggle to get all the crucial CCNP Data Center materials like 300-620 syllabus, sample questions, study guide.

But don't worry the 300-620 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 300-620 syllabus?
- How many questions are there in the 300-620 exam?
- Which Practice test would help me to pass the 300-620 exam at the first attempt?

Passing the 300-620 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 300-620 CCNP Data Center Certification Details:

Exam Name	Implementing Cisco Application Centric Infrastructure
Exam Code	300-620
Exam Price	$300 USD
Duration	90 minutes
Number of Questions	55-65
Passing Score	Variable (750-850 / 1000 Approx.)
Recommended Training	**Implementing Cisco Application Centric Infrastructure (DCACI)**
Exam Registration	**PEARSON VUE**
Sample Questions	**Cisco 300-620 Sample Questions**
Practice Exam	**Cisco Certified Network Professional Data Center Practice Test**

300-620 Syllabus:

Section	Weight	Objectives
ACI Fabric Infrastructure	20%	1. Describe ACI topology and hardware 2. Describe ACI Object Model 3. Utilize faults, event record, and audit log 4. Describe ACI fabric discovery 5. Implement ACI policies • access • fabric 6. Implement ACI logical constructs • tenant • application profile • VRF • bridge domain (unicast routing, Layer 2 unknown hardware proxy, ARP flooding) • endpoint groups (EPG) • contracts (filter, provider, consumer, reverse port filter, VRF enforced)
ACI Packet Forwarding	15%	1. Describe endpoint learning 2. Implement bridge domain configuration **** (unicast routing, Layer 2 unknown hardware proxy, ARP flooding)
External Network Connectivity	20%	1. Implement Layer 2 out (STP/MCP basics) 2. Implement Layer 3 out (excludes transit routing and VRF route leaking)
Integrations	15%	1. Implement VMware vCenter DVS integration 2. Describe resolution immediacy in VMM 3. Implement service graph (managed and unmanaged)
ACI Management	20%	1. Implement out-of-band and in-band 2. Utilize syslog and snmp services 3. Implement configuration backup (snapshot/config import export) 4. Implement AAA and RBAC 5. Configure an upgrade
ACI Anywhere	10%	1. Describe multipod 2. Describe multisite

Cisco 300-620 Sample Questions:

Question: 1

Using EPG extension, an engineer has moved all endpoints in a VLAN into an ACI fabric. When he moves the default gateway from traditional switches into the fabric, he suddenly loses all connectivity to the endpoints from outside the fabric.
Which of the following are possible reasons this has taken place?
(Choose all that apply.)

a) The Layer 2 connection between ACI switches and non-ACI switches has been disconnected.
b) The bridge domain does not have an associated L3Out configured.
c) The subnet Scope parameter on the BD needs to be set to Advertised Externally.
d) No contracts have been associated with the EPG.

Answer: b, c, d

Question: 2

A user has been assigned to a security domain called Production and a domain called Production. The security domain has been mapped to two tenants, named Prod1 and Prod2.
In the security domain assignment for the user, the tenant-admin role was selected, and it has access privilege type Write.
Which the following items may the user still be unable to do?

a) Create bridge domains, application profiles, and EPGs in the Prod1 tenant
b) View basic objects within the common tenant
c) Map an EPG in the Prod2 tenant to a port on a leaf
d) Create service graphs in the Prod2 tenant

Answer: c

Question: 3

A user needs full read-only visibility into an ACI fabric. Which predefined security domain can be used to enable such visibility?

a) common
b) all
c) infra
d) fabric

Answer: b

Question: 4

In the context of ACI Multi-Site, when is the information of an endpoint (MAC/IP) that belongs to site 1 advertised to site 2 using the EVPN control plane?

a) Endpoint information is exchanged across sites when the endpoints are discovered in both sites
b) Endpoint information is not exchanged across sites unless a policy is configured to allow communication across sites
c) Endpoint information is not exchanged across sites unless COOP protocol is used
d) Endpoint information is exchanged across sites as soon as the endpoint is discovered in one site

Answer: b

Question: 5

Which two protocols support accessing backup files on a remote location from the APIC?

(Choose two.)

a) TFTP
b) FTP
c) SFTP
d) SMB
e) HTTPS

Answer: b, c

Question: 6

Which statements are correct regarding ACI support for BFD?

(Choose all that apply.)

a) BFD is supported for EIGRP, OSPF, and BGP in ACI.
b) BFD is supported on L3Out loopback interfaces.
c) BFD is supported for BGP prefix peers (dynamic neighbors).
d) BFD is supported on routed interfaces, routed subinterfaces, and SVIs.

Answer: a, d

Question: 7

An ACI administrator notices a change in the behavior of the fabric. Which action must be taken to determine if a human intervention introduced the change?

a) Inspect event records in the APIC UI to see all actions performed by users
b) Inspect /var/log/audit_messages on the APIC to see a record of all user actions
c) Inspect audit logs in the APIC UI to see all user events
d) Inspect the output of show command history in the APIC CLI

Answer: c

Question: 8

How is an EPG extended outside of the ACI fabric?

a) Create an external bridged network that is assigned to a leaf port
b) Create an external routed network that is assigned to an EPG
c) Enable unicast routing within an EPG
d) Statically assign a VLAN ID to a leaf port in an EPG

Answer: d

Question: 9

Out of the following switches, which are spine platforms that support ACI Multi-Site?
(Choose all that apply.)

a) Nexus 93180YC-EX
b) Nexus 9364C
c) Nexus 9736C-FX line card
d) Nexus 9396PX

Answer: b, c

Question: 10

Which statement regarding ACI Multi-Pod and TEP pool is true?

a) The same TEP pool is used in all Pods
b) The Pod1 TEP pool must be split and a portion of the TEP pool allocated to each Pod
c) A different TEP pool must be assigned to each Pod
d) The IP addresses used in the IPN network can overlap TEP pool of the APIC

Answer: c

Study Guide to Crack Cisco CCNP Data Center 300-620 Exam:

- Getting details of the 300-620 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 300-620 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 300-620 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 300-620 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 300-620 practice tests is must. Continuous practice will make you an expert in all syllabus areas.

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