



CISCO 300-630

Cisco CCNP Data Center Certification Questions & Answers

Exam Summary – Syllabus – Questions

300-630

[Cisco Certified Specialist ACI Advanced Implementation](#)

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

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Know Your 300-630 Certification Well:

The 300-630 is best suitable for candidates who want to gain knowledge in the Cisco Data Center. Before you start your 300-630 preparation you may struggle to get all the crucial CCNP Data Center materials like 300-630 syllabus, sample questions, study guide.

But don't worry the 300-630 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 300-630 syllabus?
- How many questions are there in the 300-630 exam?
- Which Practice test would help me to pass the 300-630 exam at the first attempt?

Passing the 300-630 exam makes you Cisco Certified Specialist ACI Advanced Implementation. 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 300-630 CCNP Data Center Certification Details:

Exam Name	Implementing Cisco Application Centric Infrastructure - Advanced
Exam Code	300-630
Exam Price	\$300 USD
Duration	90 minutes
Number of Questions	55-65
Passing Score	Variable (750-850 / 1000 Approx.)
Recommended Training	<u>Implementing Cisco Application Centric Infrastructure - Advanced (DCACIA)</u>
Exam Registration	<u>PEARSON VUE</u>
Sample Questions	<u>Cisco 300-630 Sample Questions</u>
Practice Exam	<u>Cisco Certified Specialist ACI Advanced Implementation Practice Test</u>

300-630 Syllabus:

Section	Weight	Objectives
ACI Packet Forwarding	20%	<ul style="list-style-type: none"> - Describe packet forwarding between leafs (VxLAN) - Implement server NIC teaming with ACI - Implement endpoint learning optimizations (local/remote endpoint, limit IP subnet, enforce subnet check, IP dataplane leaning option in VRF, loop detection, and rogue EP)
Advanced ACI Policies and Integrations	25%	<ul style="list-style-type: none"> - Implement Layer 3 out transit routing - Utilize common tenant - Implement VRF route leaking - Implement Layer 3 out VRF route leaking - Implement contracts (pcTag, global pcTab, contract priorities, taboo, and deny filter) - Implement Layer 4 through Layer 7 PBR (including use cases)
Multipod	20%	<ul style="list-style-type: none"> - Implement IPN - Describe packet flow between pods - Describe firewall and load balancer design with multipod - Implement service graph with multipod
Multisite	20%	<ul style="list-style-type: none"> - Implement Multi-Site Orchestrator - Implement ISN - Describe stretched component options - Describe communication across sites
Traditional network with ACI	15%	<ul style="list-style-type: none"> - Describe network-centric and application-centric designs - Describe STP BPDU handling in ACI (FD-VNID and VLAN pool consideration) - Describe migration considerations

Cisco 300-630 Sample Questions:

Question: 1

What are two characteristics of Cisco ACI and Spanning Tree Protocol interaction? (Choose two.)

- a) When a TCN BPDU is received in a VLAN, Cisco ACI flushes the endpoints for the associated encapsulation.
- b) MST BPDUs are flooded correctly in Cisco ACI fabric without additional configuration.
- c) STP BPDUs are dropped due to MCP.
- d) Cisco ACI must be configured as the STP root for all VLANs.
- e) BPDU filter and BPDU guard can be configured on Cisco ACI leaf edge ports.

Answer: d, e

Question: 2

In a Cisco ACI Multi-Site fabric, the Inter-Site BUM Traffic Allow option is enabled in a specific stretched bridge domain. What is used to forward BUM traffic to all endpoints in the same broadcast domain?

- a) ingress replication on the spines in the source site
- b) egress replication on the source leaf switches
- c) egress replication on the destination leaf switches
- d) ingress replication on the spines in the destination site

Answer: d

Question: 3

A network engineer configured an active-active firewall cluster that is stretched across separate pods in the Cisco ACI fabric. Which two implementation setups for anycast services are available?

(Choose two.)

- a) Deploy a Layer 4 to Layer 7 service graph with PBR
- b) Deselect No Default SVI Gateway under EPG Subnet
- c) Modify the Cisco ACI contract scope
- d) Configure the firewalls behind an EPG subnet
- e) Modify the MAC address on the second firewall

Answer: d, e

Question: 4

Where are STP BPDUs flooded in Cisco ACI fabric?

- a) in the native VLAN ID
- b) in the bridge domain VLAN
- c) in the access encapsulation VLAN part of different VLAN pools
- d) in the VNID that is assigned to the FD VLAN

Answer: b

Question: 5

What does the VXLAN source port add to the overlay packet forwarding when it uses the hash of Layer 2, Layer 3, and Layer 4 headers of the inner packet?

- a) ECMP
- b) TCP optimization
- c) disabled fragmentation
- d) jumbo frames

Answer: a

Question: 6

A cloud provider must make a pair of firewalls available to all tenants. Each tenant defines its own service graph. Where should the Layer 4 to Layer 7 service be configured to accomplish this goal?

- a) management tenant
- b) infrastructure tenant
- c) user tenant
- d) common tenant

Answer: c

Question: 7

How is multicast traffic managed in a Cisco ACI fabric?

- a) FTag trees are rooted at the spine nodes. Cisco APIC determines the roots.
- b) FTag trees are rooted at the leaf nodes. Cisco APIC determines the roots.
- c) FTag trees are rooted at the leaf nodes. The roots must be configured manually.
- d) FTag trees are rooted at the spine nodes. The roots must be configured manually.

Answer: a

Question: 8

Cisco ACI fabric is migrated from network-centric mode to application-centric mode. What is possible in an application-centric design?

- a) Cisco ACI VMM integration with hypervisors
- b) remapping of VLAN pools
- c) migration of bare metal servers to virtual machines
- d) creation of additional EPGs under one bridge domain

Answer: d

Question: 9

How does Cisco ACI manage the STP BPDUs between two pods?

- a) Cisco ACI spines perform ingress replication for STP BPDUs
- b) Cisco ACI spines suppress STP BPDUs to be forwarded to other pods
- c) BPDUs are forwarded over IPN using the bridge domain GIPo multicast address
- d) Special multicast group 239.255.255.255 is used to forward STP BPDUs

Answer: c

Question: 10

Which action must be taken to connect two nonsilent servers in active/standby mode to two ACI leaves?

- a) Implement a virtual PortChannel on ACI leaves
- b) Enable ARP flooding for the bridge domain if the MAC address of the active interface changes after NIC failover
- c) Configure ARP flooding for the bridge domain if the MAC address of the active interface stays identical after a NIC failover
- d) Disable dataplane learning to avoid endpoint flapping

Answer: c

Study Guide to Crack Cisco CCNP Data Center 300-630 Exam:

- Getting details of the 300-630 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 300-630 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 300-630 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 300-630 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 300-630 practice tests is must. Continuous practice will make you an expert in all syllabus areas.

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