CISCO 300-630

Cisco CCNP Data Center Certification Questions & Answers

Exam Summary – Syllabus – Questions

300-630
Cisco Certifiied Specialist ACI Advanced Implementation
55-65 Questions Exam – Variable (750-850 / 1000 Approx.) Cut Score – Duration of 90 minutes

Table of Contents:

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 Certifiied 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	**Implementing Cisco Application Centric Infrastructure - Advanced (DCACIA)**
Exam Registration	**PEARSON VUE**
Sample Questions	**Cisco 300-630 Sample Questions**
Practice Exam	**Cisco Certifiied Specialist ACI Advanced Implementation Practice Test**

300-630 Syllabus:

Section	Weight	Objectives
ACI Packet Forwarding	20%	- 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%	- 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%	- Implement IPN - Describe packet flow between pods - Describe firewall and load balancer design with multipod - Implement service graph with multipod
Multisite	20%	- Implement Multi-Site Orchestrator - Implement ISN - Describe stretched component options - Describe communication across sites
Traditional network with ACI	15%	- 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

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: 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

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: 4

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: 5

Which action must be taken to connect two nonsilient 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

Question: 6

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: 7

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: 8

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: 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

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

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.

Reliable Online Practice Test for 300-630 Certification

Make NWExam.com your best friend during your Implementing Cisco Application Centric Infrastructure - Advanced exam preparation. We provide authentic practice tests for the 300-630 exam. Experts design these online practice tests, so we can offer you an exclusive experience of taking the actual 300-630 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 300-630 exam.

Start online practice of 300-630 Exam by visiting URL
https://www.nwexam.com/cisco/300-630-implementing-cisco-application-centric-infrastructure-advanced-dcacia