CISCO 500-650

Cisco Designing Application Centric Infrastructure Certification Questions & Answers

Exam Summary – Syllabus – Questions

500-650

Designing Cisco Application Centric Infrastructure

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

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Know Your 500-650 Certification Well:

The 500-650 is best suitable for candidates who want to gain knowledge in the Cisco Channel Partner and Other. Before you start your 500-650 preparation you may struggle to get all the crucial Designing Application Centric Infrastructure materials like 500-650 syllabus, sample questions, study guide.

But don't worry the 500-650 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 500-650 syllabus?
- How many questions are there in the 500-650 exam?
- Which Practice test would help me to pass the 500-650 exam at the first attempt?

Passing the 500-650 exam makes you Designing Cisco Application Centric Infrastructure. Having the Designing Application Centric Infrastructure 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 500-650 Designing Application Centric Infrastructure Certification Details:

Exam Name	Designing Cisco Application Centric Infrastructure
Exam Code	500-650
Exam Price	$300 USD
Duration	90 minutes
Number of Questions	55-65
Passing Score	Variable (750-850 / 1000 Approx.)
Recommended Training	**Designing Cisco Application Centric Infrastructure (DCACID)**
Exam Registration	**PEARSON VUE**
Sample Questions	**Cisco 500-650 Sample Questions**

Practice Exam	Designing Cisco Application Centric Infrastructure Practice Test

500-650 Syllabus:

Section	Weight	Objectives
Access Policies	10%	- Describe Cisco ACI access policy components - Describe Cisco ACI default access policies, custom policies creation, and naming conventions - Describe Cisco ACI access policy optimization and reuse
Fabric System Settings	10%	- Use fabric wide settings to optimize and control endpoint learning - Use fabric loop detection mechanisms - Use fabric policies for NTP, DNS, SNMP, and syslog configuration
Logical Components	20%	- Describe the tenant in Cisco ACI - Describe the reuse of objects from the common tenant - Describe VRF design considerations - Describe bridge domain design considerations - Describe EPG design considerations - Describe application segmentation with EPGs and ESGs - Describe contracts design considerations and vzAny usage - Select the approach to migrate IP and logical components from an existing data center to Cisco ACI
Physical Structure	20%	- Describe Cisco APIC design considerations - Describe Cisco ACI fabric discovery and initialization process - Describe out-of-band and in-band management - Describe Cisco ACI Multi-Pod design - Describe Cisco ACI Multi-Site design - Describe options for device connectivity to the fabric - Select the approach to migrate existing data center connectivity and physical components from an existing environment to Cisco ACI
L3Outs and Service Insertion	40%	- Select the design approach for Cisco ACI external Layer 3 connectivity - Select the design approach for Cisco ACI Layer 4–7 service insertion - Select the design approach for Cisco ACI PBR-based service redirection - Select the design approach for the L4-L7 service

Section	Weight	Objectives
		insertion in single-pod Cisco ACI - Select the design approach for L4-L7 service insertion in Cisco ACI MultiPod - Select the design approach for a transit routing solution - Select the design approach for service sharing using vzAny - Select the approach to build a migration plan for Layer 2 and Layer 3 connectivity, including L3Outs and contracts - Select the approach to migrate vSphere compute environment to Cisco ACI - Select the design approach for QoS for inter-pod and inter-site networks - Select the design approach for auxiliary features, such as DHCP Relay and Switched Port Analyzer (SPAN)

Cisco 500-650 Sample Questions:

Question: 1

Bridge domains in Cisco ACI must be carefully designed to ensure proper _____ configuration.

a) power
b) subnet
c) cooling
d) hardware

Answer: b

Question: 2

Which of the following are management options in Cisco ACI?

(Choose two)

a) Out-of-band only
b) In-band only
c) Combination of in-band and out-of-band
d) None of the above

Answer: a, b

Question: 3

Which factors should be considered when designing Cisco APIC deployment? (Choose two)

a) Environmental conditions
b) Scalability needs
c) Color scheme of the hardware
d) Disaster recovery plans

Answer: b, d

Question: 4

In terms of access policy components, what does an 'Endpoint Group' (EPG) in Cisco ACI define?

a) A collection of physical and virtual endpoints that share the same security requirements
b) A unique identifier assigned to each device within the ACI fabric
c) The bandwidth limits for a group of applications
d) A list of approved user groups allowed to access network resources

Answer: a

Question: 5

How should Cisco ACI Multi-Site design be optimized for service continuity and disaster recovery? (Choose Three)

a) Redundant physical links between sites
b) Uniform appliance deployment across sites
c) Geographic distribution of critical services
d) Centralized management from a single site
e) Automated failover mechanisms

Answer: a, c, e

Question: 6

What should be prioritized when designing L4-L7 service insertion in Cisco ACI MultiPod environments?

a) Ensuring all pods have identical service appliances
b) Centralized management of services
c) Localized services in each pod
d) Minimal service configuration

Answer: c

Question: 7

When designing QoS for inter-pod and inter-site networks in Cisco ACI, what factors must be prioritized? (Choose Three)

a) Bandwidth limitations
b) Latency optimization
c) Packet loss minimization
d) Color-based marking
e) Priority settings based on traffic type

Answer: a, b, c

Question: 8

Select effective design approaches for Cisco ACI external Layer 3 connectivity. (Choose Two)

a) Integration with existing MPLS infrastructure
b) Exclusive reliance on external routers
c) Use of OSPF for dynamic routing
d) Manual routing for better control

Answer: a, c

Question: 9

Why would a network administrator configure syslog in Cisco ACI?

a) To improve the speed of the network
b) To log and monitor system events
c) To increase the number of manageable endpoints
d) To implement quality of service (QoS)

Answer: b

Question: 10

Describe a feature of the initialization process for Cisco ACI fabric.

a) Sequential device boot-up
b) Randomized switch integration
c) Manual switch configuration
d) Automatic spine and leaf discovery

Answer: d

Study Guide to Crack Cisco Designing Application Centric Infrastructure 500-650 Exam:

- Getting details of the 500-650 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 500-650 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 500-650 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 500-650 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 500-650 practice tests is must. Continuous practice will make you an expert in all syllabus areas.