



# 200-155

Introducing Cisco Data Center Technologies

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**SUCCESS GUIDE TO CISCO CERTIFICATION**

Exam Summary – Syllabus – Questions

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# Introduction to 200-155 Exam on Introducing Cisco Data Center Technologies

A great way to start the Cisco Certified Network Associate Data Center (DCICT) preparation is to begin by properly appreciating the role that syllabus and study guide play in the Cisco 200-155 certification exam. This study guide is an instrument to get you on the same page with Cisco and understand the nature of the Cisco CCNA Data Center exam.

Our team of experts has composed this Cisco 200-155 exam preparation guide to provide the overview about Cisco Introducing Cisco Data Center Technologies exam, study material, sample questions, practice exam and ways to interpret the exam objectives to help you assess your readiness for the Cisco DCICT exam by identifying prerequisite areas of knowledge. We recommend you to refer the simulation questions and practice test listed in this guide to determine what type of questions will be asked and the level of difficulty that could be tested in the Cisco CCNA Data Center certification exam.

## Cisco 200-155 Certification Details:

Exam Name	Introducing Cisco Data Center Technologies
Exam Number	200-155 DCICT
Exam Price	\$300 USD
Duration	90 minutes
Number of Questions	55-65
Passing Score	Variable (750-850 / 1000 Approx.)
Recommended Training	<a href="#">Introducing Cisco Data Center Technologies (DCICT) v6.0</a>
Exam Registration	PEARSON VUE
Sample Questions	<a href="#">Cisco 200-155 Sample Questions</a>
Practice Exam	<a href="#">Cisco Certified Network Associate Data Center Practice Test</a>

## Cisco 200-155 Exam Syllabus:

Section	Weight	Objectives
Unified Computing	25%	<p>1 Describe common server types and connectivity found in a data center</p> <p>2 Describe the physical components of the Cisco UCS</p> <p>3 Describe the concepts and benefits of Cisco UCS hardware abstraction</p> <p>4 Perform basic Cisco UCS configuration</p> <p>a) Cluster high availability</p> <p>b) Port roles</p> <p>c) Hardware discovery</p> <p>5 Describe server virtualization concepts and benefits</p> <p>a) Hypervisors</p> <p>b) Virtual switches</p> <p>c) Shared storage</p> <p>d) Virtual Machine components</p> <p>e) Virtual Machine Manager</p>
Network Virtualization	17%	<p>1 Describe the components and operations of Cisco virtual switches</p> <p>2 Describe the concepts of overlays</p> <p>a) OTV</p> <p>b) NVGRE</p> <p>c) VXLAN</p> <p>3 Describe the benefits and perform simple troubleshooting of VDC STP</p> <p>4 Compare and contrast the default and management VRFs</p> <p>5 Differentiate between the data, control, and management planes</p>

Section	Weight	Objectives
Cisco Data Center Networking Technologies	26%	<ol style="list-style-type: none"> <li>1 Describe, configure, and verify FEX connectivity</li> <li>2 Describe, configure, and verify basic vPC features</li> <li>3 Describe, configure, and verify FabricPath</li> <li>4 Describe, configure, and verify unified switch ports</li> <li>5 Describe the features and benefits of Unified Fabric</li> <li>6 Describe and explain the use of role-based access control within the data center infrastructure</li> </ol>
Automation and Orchestration	15%	<ol style="list-style-type: none"> <li>1 Explain the purpose and value of using APIs</li> <li>2 Describe the basic concepts of cloud computing</li> <li>3 Describe the basic functions of a Cisco UCS Director               <ol style="list-style-type: none"> <li>a) Management</li> <li>b) Orchestration</li> <li>c) Multitenancy</li> <li>d) Chargeback</li> <li>e) Service offerings</li> <li>f) Catalogs</li> </ol> </li> <li>4 Interpret and troubleshoot a Cisco UCS Director workflow</li> </ol>
Application Centric Infrastructure	17%	<ol style="list-style-type: none"> <li>1 Describe the architecture of an ACI environment               <ol style="list-style-type: none"> <li>a) Basic policy resolution</li> <li>b) APIC controller</li> <li>c) Spine leaf</li> <li>d) APIs</li> </ol> </li> <li>2 Describe the fabric discovery process</li> <li>3 Describe the policy-driven, multitier application deployment model and its benefits</li> <li>4 Describe the ACI logical model               <ol style="list-style-type: none"> <li>a) Tenants</li> <li>b) Context</li> <li>c) Bridge domains</li> <li>d) EPG</li> <li>e) Contracts</li> </ol> </li> </ol>

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## 200-155 Sample Questions:

### 01. Which two options regarding the features of rack servers are correct?

(Choose two.)

- a) support RAID 0, 1, 10, 50, and 60
- b) support RAID 0, 1, and 5 only
- c) available in RU form factor
- d) available in half-width and full-width form factors

### 02. Which two options regarding the Cisco UCS interconnects are correct?

(Choose two.)

- a) do not support out-of-band management and in-band management
- b) consolidate LAN and SAN traffic onto a single unified fabric that is managed by Cisco UCS Manager
- c) provide both network connectivity and management capabilities to all attached Cisco UCS B-Series blade servers and the 5100 Series blade server chassis
- d) do not support Cisco virtualization-aware networking and VM-FEX architecture

### 03. Which statement about the data plane of a Cisco Nexus switch is true?

- a) It manages all end-to-end user traffic.
- b) It manages all Layer 3 protocol traffic that is destined to the device Layer 3 IP addresses.
- c) It manages all device traffic such as CLI and SNMP.
- d) It manages all Layer 2 protocol traffic.

### 04. Which statement about the Cisco ACI fabric is most accurate?

- a) The egress leaf switch must know the EPG of the packet source.
- b) Cisco ACI provides reachability and security for the application by configuring ACLs and VLANs throughout the fabric.
- c) IP ARP/GARP packets are flooded directly to the target endpoint IPv4 subnet address.
- d) The endpoint location is identified by the IPv6 address of the leaf that the endpoint is connected to.

### 05. Which statement about the management plane of a Cisco Nexus switch is true?

- a) It manages all the end-to-end user traffic.
- b) It manages all Layer 3 protocol traffic that is destined to the device Layer 3 IP addresses.
- c) It manages all device traffic such as CLI and SNMP.
- d) It manages all Layer 2 protocol traffic.

### 06. Which two options are advantages of EoR designs?

(Choose two.)

- a) fewer configuration and management points in the network
- b) lower cabling costs
- c) allows high-density server aggregation at the access layer
- d) fewer cross-rack cables
- e) shorter runs of server-to-access switch cabling

**07. Which statement about the type of FEX and its associated function is true?**

- a) Cisco Nexus 2000 Series Fabric Extenders extends the fabric to third-party blade switches.
- b) Cisco Nexus B22 Blade Fabric Extender for HP extends the fabric to VMs.
- c) Cisco Adapter FEX extends the fabric into the server CNA.
- d) Cisco Data Center VM-FEX extends the fabric to the ToR.

**08. Which option about JSON is true?**

- a) uses predefined tags or angle brackets (<>) to delimit markup text
- b) used to describe structured data that includes arrays
- c) used for storing information
- d) similar to HTML, it is more verbose than XML

**09. Which option best describes an API?**

- a) communication often uses either Java scripting, Python, XML, or simple HTTP
- b) an architectural style (versus a protocol) for designing applications
- c) a stateless client-server model
- d) request a certain type of data by specifying the URL path that models the data

**10. Which statement about the Cisco ACI fabric is most accurate?**

- a) The APIC is able to enforce security by inserting itself into the data path.
- b) The fabric header carries the EPG from the egress to the ingress leaf switch.
- c) An APIC is a cluster of at least three APIC controllers, providing a single point of management without a single point of failure.
- d) The spine switch rewrites the EPG from ingress to egress when it performs the forwarding proxy function.

**Answers to 200-155 Exam Questions:**

Question: 01	Question: 02	Question: 03	Question: 04	Question: 05
Answer: a, c	Answer: b, c	Answer: b	Answer: a	Answer: c
Question: 06	Question: 07	Question: 08	Question: 09	Question: 10
Answer: a, c	Answer: c	Answer: b	Answer: a	Answer: c

Note: If you find any typo or data entry error in these sample questions, we request you to update us by commenting on this page or write an email on [feedback@nwexam.com](mailto:feedback@nwexam.com)