



300-175

Implementing Cisco Data Center Unified Computing

NWExam.com

SUCCESS GUIDE TO CISCO CERTIFICATION

Exam Summary – Syllabus – Questions

Table of Contents

Introduction to 300-175 Exam on Implementing Cisco Data Center Unified Computing	2
Cisco 300-175 Certification Details:	2
Cisco 300-175 Exam Syllabus:.....	3
300-175 Sample Questions:	4
Answers to 300-175 Exam Questions:	5

Introduction to 300-175 Exam on Implementing Cisco Data Center Unified Computing

A great way to start the Cisco Certified Network Professional Data Center (DCUCI) preparation is to begin by properly appreciating the role that syllabus and study guide play in the Cisco 300-175 certification exam. This study guide is an instrument to get you on the same page with Cisco and understand the nature of the Cisco CCNP Data Center exam.

Our team of experts has composed this Cisco 300-175 exam preparation guide to provide the overview about Cisco Implementing Cisco Data Center Unified Computing exam, study material, sample questions, practice exam and ways to interpret the exam objectives to help you assess your readiness for the Cisco DCUCI 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 CCNP Data Center certification exam.

Cisco 300-175 Certification Details:

Exam Name	Implementing Cisco Data Center Unified Computing
Exam Number	300-175 DCUCI
Exam Price	\$300 USD
Duration	90 minutes
Number of Questions	55-65
Passing Score	Variable (750-850 / 1000 Approx.)
Recommended Training	Implementing Cisco Data Center Unified Computing (DCUCI)
Exam Registration	<u>PEARSON VUE</u>
Sample Questions	Cisco 300-175 Sample Questions
Practice Exam	Cisco Certified Network Professional Data Center Practice Test

Cisco 300-175 Exam Syllabus:

Section	Weight	Objectives
Implement Cisco Unified Computing	28%	<ol style="list-style-type: none"> 1. Install Cisco Unified Computing platforms <ul style="list-style-type: none"> - Stand-alone computing - Chassis / blade - Modular / server cartridges - Server integration 2. Implement server abstraction technologies <ul style="list-style-type: none"> - Service profiles - Pools - Policies - Connectivity - Placement policy - Remote boot policies - Templates - Policy hierarchy - Initial vs updating
Unified Computing Maintenance and Operations	20%	<ol style="list-style-type: none"> 1. Implement firmware upgrades, packages, and interoperability 2. Implement backup operations 3. Implement monitoring <ul style="list-style-type: none"> - Logging - SNMP - Call Home - NetFlow - Monitoring session
Automation	12%	<ol style="list-style-type: none"> 1. Implement integration of centralized management 2. Compare and contrast different scripting tools <ul style="list-style-type: none"> - SDK - XML
Unified Computing Security	13%	<ol style="list-style-type: none"> 1. Implement AAA and RBAC 2. Implement key management
Unified Computing Storage	27%	<ol style="list-style-type: none"> 1. Implement iSCSI <ul style="list-style-type: none"> - Multipath - Addressing schemes 2. Implement Fibre Channel port channels 3. Implement Fibre Channel protocol services <ul style="list-style-type: none"> - Zoning - Device alias - VSAN 4. Implement FCoE <ul style="list-style-type: none"> - FIP - FCoE topologies - DCB 5. Implement boot from SAN <ul style="list-style-type: none"> - FCoE / Fiber Channel - iSCSI

300-175 Sample Questions:

01. Which UCS Series offers disaggregation of computing from other components?

- a) Cisco UCS B-Series
- b) Cisco UCS C-Series
- c) Cisco UCS M-Series
- d) Cisco standalone server series

02. What helps you collect users security information and activity log?

- a) Authentication
- b) Accounting
- c) Authorization
- d) Authentication domains

03. Which software bundle includes the Cisco UCS Manager software?

- a) Cisco UCS Infrastructure Software Bundle
- b) Cisco UCS B-Series Blade Server Software Bundle
- c) Cisco UCS C-Series Rack-Mount UCS-Managed Server Software Bundle
- d) Cisco UCS M-Series Modular Server Software Bundle

04. What does locale define within Cisco UCS RBAC?

- a) Organizations or domain that user can access
- b) The features that user can access
- c) A root organization
- d) Retention policy for passwords

05. Which three applications are UCS M-Series targeted at?

(Choose three.)

- a) storage-intensive applications
- b) cloud-scale computing
- c) HPC
- d) VDI applications
- e) network-intensive applications
- f) online gaming

06. Which three software versions are available for components in Cisco UCS?

(Choose three)

- a) running version
- b) backup version
- c) restore version
- d) active version
- e) high-availability version
- f) startup version

07. What is the best description of iSCSI multipathing in the active/active mode?

- a) The server aggregates two or more links to one virtual link and forwards the iSCSI traffic over that virtual link.
- b) The server uses two separate NICs for the iSCSI traffic, but only one is active at the same time.
- c) The server uses two separate NICs for the iSCSI traffic, and both NICs are active at the same time.
- d) The server uses one NIC for the iSCSI traffic, but the server finds two or more paths to the target.

08. Which components are not shared across multiple compute nodes in Cisco UCS M-Series?

- a) memory
- b) hard drives
- c) power
- d) CPUs
- e) management

09. Which iSCSI name format is used in the following iSCSI name: 2015-09.com.example.storage:host1?

- a) WWN
- b) IQN
- c) EUI
- d) NAA

10. How many Cisco UCS domains can you manage with Cisco UCS Central?

- a) up to 20
- b) up to 1000
- c) up to 10000
- d) up to 6000

Answers to 300-175Exam Questions:

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

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