



300-460

Implementing and Troubleshooting the Cisco
Cloud Infrastructure

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SUCCESS GUIDE TO CISCO CERTIFICATION

Exam Summary – Syllabus – Questions

Table of Contents

Introduction to 300-460 Exam on Implementing and Troubleshooting the Cisco Cloud Infrastructure	2
 Cisco 300-460 Certification Details:	2
 Cisco 300-460 Exam Syllabus:.....	3
 300-460 Sample Questions:	4
 Answers to 300-460Exam Questions:	6

Introduction to 300-460 Exam on Implementing and Troubleshooting the Cisco Cloud Infrastructure

A great way to start the Cisco Certified Network Professional Cloud (CLDINF) preparation is to begin by properly appreciating the role that syllabus and study guide play in the Cisco 300-460 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 Cloud exam.

Our team of experts has composed this Cisco 300-460 exam preparation guide to provide the overview about Cisco Implementing and Troubleshooting the Cisco Cloud Infrastructure exam, study material, sample questions, practice exam and ways to interpret the exam objectives to help you assess your readiness for the Cisco CLDINF 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 Cloud certification exam.

Cisco 300-460 Certification Details:

Exam Name	Implementing and Troubleshooting the Cisco Cloud Infrastructure
Exam Number	300-460 CLDINF
Exam Price	\$300 USD
Duration	90 minutes
Number of Questions	55-65
Passing Score	Variable (750-850 / 1000 Approx.)
Recommended Training	Implementing and Troubleshooting the Cisco Cloud Infrastructure (CLDINF)
Exam Registration	PEARSON VUE
Sample Questions	Cisco 300-460 Sample Questions
Practice Exam	Cisco Certified Network Professional Cloud Practice Test

Cisco 300-460 Exam Syllabus:

Section	Weight	Objectives
Knowledge of Cloud Infrastructure	16%	1 Demonstrate practical experience of both physical and virtual Data Centers a) Validate physical connection to LAN, SAN b) Management connection c) Server ports to chassis d) Virtual fiber channel e) Domain Virtual Machine Manager (VMM) f) Configuring UCS service profiles, vNICs & templates 2 Setup hypervisor
Storage	21%	1 Implement storage infrastructure a) Block Storage a)1 Zoning a)2 Describe initiator and target relationship a)3 Boot targets a)4 Setup LUN/Volume on storage controller b) File Storage b)1 Mount point vs. shares 2 Implement storage connectivity a) Configure vHBA b) Configure WWPN pool c) Configure WWN Pool d) Configure iSCSI pool e) Configure VSAN group f) Configure boot order/ boot policy g) Configure local storage / disk policy (RAID) h) Describe protected config
Network Tasks	22%	1 Implement network infrastructure a) Nexus 1000v / Distributed Virtual Switch (DVS) b) Virtual switch 2 Implement network connectivity a) vNICs b) MAC pool c) IP Management pool d) UUID pool e) Port-profiles / port groups f) VLAN group, VXLAN

Section	Weight	Objectives
Compute	23%	1 Implement Compute a) Virtual a)1 Install Hypervisors a)2 Configure templates a)3 Configure resource pools b) Physical b)1 Bare Metal b)1.1 OS image / template b)1.2 PXE boot b)1.3 Lights out management c) UCSM c)1 Service profiles c)2 Boot policy
Troubleshooting knowledge of Infrastructure	18%	1 Troubleshoot context of workflow or applications a) Describe troubleshooting methodologies b) Templates c) Orchestration d) Provisioning 2 Identify operational domains a) Storage b) Networking c) Virtualization d) Compute

300-460 Sample Questions:

01. In which topology should Cisco UCS vNIC Fabric Failover be enabled?

- a) on every vNIC on every service profile
- b) only on vNICs assigned to hypervisors
- c) only on vNICs assigned to bare metal operating systems
- d) only on vNICs when an operating system level teaming driver is unavailable

02. In which two ways can a cloud administrator dynamically increase a VMFS datastore?

(Choose two.)

- a) Add a new local storage disk on ESXi and restart VMFS service.
- b) Expand the datastore within the extent.
- c) Rescan all hosts to see the current storage and modify the extent.
- d) Add an extent (LUN).

03. What does the Auto Deploy function of an ESXi host rely on?

- a) DNS
- b) PXE
- c) DHCP
- d) SCP

04. Which is the step to associate an application profile EPG to a VMM domain?

- a) The APIC pushes the EPGs as virtual switches to the VM controller.
- b) The VMM administrator creates the port groups in the Tenant window then assigns the EPGs to CPPAs.
- c) The APIC pushes the EPGs as port groups in the VM controller.
- d) The policy administrator assigns the EPG to physical endpoints in the VMM.

05. Which two statements describe Ethernet and vEthernet port profiles?

(Choose two.)

- a) Ethernet port profiles may only be assigned to Cisco UCS unified ports when configured as type link.
- b) Ethernet port profiles are assigned to physical interfaces such as vmnics. vEthernet port profiles are assigned to virtual interfaces such as vNIC, vmk, or VTEP.
- c) An MTU change is required on the Ethernet port profiles to support jumbo frames.
- d) vEthernet port profiles are assigned to physical interfaces such as vmnics. Ethernet port profiles are assigned to virtual interfaces such as vNIC, vmk, or VTEP.

06. Which two statements about Fibre Channel zoning in Cisco UCS are true?

(Choose two.)

- a) Zoning is configured on a per-VSAN basis.
- b) Cisco UCS does not support zoning.
- c) Zoning is configured on a per fabric basis.
- d) Zoning can be enabled at the fabric level in switch mode.

07. Which three boot policies can be created for Cisco UCS Manager in Cisco UCS Director?

(Choose three.)

- a) VLAN boot
- b) UEFI secure boot
- c) iSCSI boot
- d) NFS boot
- e) SAN boot
- f) FCOE boot

08. Which three options does the Cisco UCS Manager boot policy determine?

(Choose three.)

- a) initiator port range
- b) selection of the boot device
- c) location from which the server boots
- d) initiator and target ports
- e) global boot device priority
- f) order in which boot devices are invoked

09. Which option describes a function of a target in Storage Area Networking?

- a) starts a connection over the fabric to one or more ports
- b) delivers storage volumes to the initiators from the storage system
- c) provides a storage network consisting of one or more Fibre Channel switches
- d) consumes storage volumes using a host bus adapter

10. Which mechanism is used to find latent failure in memory modules?

- a) sniffing
- b) swapping
- c) paging
- d) scrubbing

Answers to 300-460Exam Questions:

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