



# 300-465

Designing the Cisco Cloud

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**SUCCESS GUIDE TO CISCO CERTIFICATION**

**Exam Summary – Syllabus – Questions**

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# Introduction to 300-465 Exam on Designing the Cisco Cloud

A great way to start the Cisco Certified Network Professional Cloud (CLDDDES) preparation is to begin by properly appreciating the role that syllabus and study guide play in the Cisco 300-465 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 300-465 exam preparation guide to provide the overview about Cisco Designing the Cisco Cloud exam, study material, sample questions, practice exam and ways to interpret the exam objectives to help you assess your readiness for the Cisco CLDDDES 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 300-465 Certification Details:

Exam Name	Designing the Cisco Cloud
Exam Number	300-465 CLDDDES
Exam Price	\$300 USD
Duration	90 minutes
Number of Questions	55-65
Passing Score	Variable (750-850 / 1000 Approx.)
Recommended Training	<a href="#">Designing the Cisco Cloud (CLDDDES)</a>
Exam Registration	<a href="#">PEARSON VUE</a>
Sample Questions	<a href="#">Cisco 300-465 Sample Questions</a>
Practice Exam	<a href="#">Cisco Certified Network Professional Cloud Practice Test</a>

## Cisco 300-465 Exam Syllabus:

Section	Weight	Objectives
Translate Requirements into Automation Designs	22%	<p>1 Gather business requirements</p> <p>a) Identify key business requirements for cloud/automation</p> <p>b) Choose appropriate cloud implementation to meet business requirements</p> <p>2 Describe automation as a foundation of cloud design</p> <p>3 Design appropriate automation tasks to meet requirements</p> <p>a) Design infrastructure container automation within UCS Director</p> <p>b) Design catalog</p> <p>c) Define infrastructure container</p> <p>d) Design workflow and services</p> <p>4 Design Prime Services Catalog store front for UCS Director</p> <p>5 Design Application and Platform as a Service using Stack Designer</p> <p>6 Select the appropriate solution to automate private or hybrid clouds</p> <p>a) Cisco Enablement Platform</p> <p>b) UCS Director</p> <p>c) Cisco Intelligent Automation for Cloud (CIAC)</p>
Design a Private Cloud Infrastructure	22%	<p>1 Compare and contrast the various private cloud integrated infrastructures</p> <p>a) Flexpod</p> <p>b) VBlock</p> <p>c) Virtual System Specifications (VSPEX)</p> <p>2 Given a set of requirements, determine when to use file or block storage</p> <p>3 Select the methods of accessing storage</p> <p>a) Determine connectivity types</p> <p>b) Determine access rights</p> <p>4 Determine the thin/thick provisioning methods for a given environment</p> <p>5 Determine the appropriate methods of interconnecting private clouds</p>

Section	Weight	Objectives
		6 Determine when to use the appropriate solution to automate network services
Design a Hybrid Cloud Infrastructure	16%	1 Compare and contrast the various public cloud architectures 2 Select the methodology to connect to public clouds 3 Select the appropriate solution to automate hybrid cloud provisioning
Design a Cloud Security Policy	20%	1 Describe best practices for securing cloud infrastructure 2 Describe best practices for securing cloud services 3 Design a secure multi tenant environment 4 Design a security policy to protect a private cloud 5 Design a security policy to protect a hybrid cloud
Virtualization and Virtual Network Services for Private and Hybrid Clouds	20%	1 Describe the advantages, disadvantages and features of different hypervisors a) Resource scheduling b) DR c) HA 2 Describe the use of cloud automation tools to facilitate physical to virtual or virtual to virtual migrations a) Workflows a)1 Cisco Enablement Platform a)2 UCS Director a)3 Virtual Application Container Services (VACS) b) Compare benefits and limitation of Virtual Machines 3 Select the appropriate virtual network and security services to meet requirements 4 Describe context aware infrastructure and workflow identity a) Methodologies b) Components c) Use cases 5 Describe workload mobility a) Describe VM migration: move VMs from any hypervisor to any public cloud and back

Section	Weight	Objectives
		b) Describe VM conversion c) Describe use cases  6 Describe the ability to automate VM life cycle a) Describe workflow creation using Intercloud Fabric Director and Prime Services Catalog

## 300-465 Sample Questions:

### 01. Which two storage connectivity types are most widely used for VMFS datastores?

(Choose two)

- a) iSCSI
- b) FC/FCoE
- c) NFS
- d) CIFS
- e) SCSI

### 02. Which statement is true about CIFS?

- a) It is used with Hyper-V 2012 and SQL server 2012.
- b) It is home directories for UNIX environments.
- c) It is used as VMWare datastores.
- d) It is distributed Linux-based applications that require centralized file storage.

### 03. Which two options are Cisco Intercloud Fabric use cases?

(Choose two.)

- a) development and testing
- b) capacity reduction
- c) legal compliance
- d) secure administrative access
- e) shadow IT control

### 04. A Cisco UCS Director administrator is setting up policies to provision VMs. Which wizard will help accomplish this task?

- a) Initial System Configuration
- b) FlexPod Configuration
- c) vDC Creation
- d) Device Discovery

### 05. Which statement about file-level storage is true?

- a) It is well suited for bulk file storage.
- b) Support external boot-up of systems connected to them.
- c) It is complicated to implement.
- d) It can store files and provide storage required for special applications like database VMFS.

**06. Which three statements about block-level storage are correct?**

(Choose three.)

- a) It is less expensive and simple to implement.
- b) Block-level storage systems are very popular with SAN.
- c) It can be treated as an independent disk drive and is controlled by external Server OS.
- d) Each block can be controlled like an individual hard drive.
- e) Network attached storage systems usually depend on this file level storage.
- f) This level storage is inexpensive to be maintained, when it is compared to its counterpart

**07. Which option describes the foundation of automated cloud design?**

- a) Start small, automate infrastructure, and define success criteria.
- b) Automate interaction with all application services before moving on to infrastructure.
- c) Contact your local cloud provider
- d) Not all cloud designs are subject to automation

**08. A cloud administrator is attempting to reduce risks when accessing the data center. Which feature will control access?**

- a) unencrypted connections
- b) RBAC
- c) access switches
- d) accessing devices using HTTP

**09. Which two ports are used by Intercloud fabric tunnel ports?**

(Choose two.)

- a) TCP 6644 and 6646
- b) TCP 6000 and 7010
- c) UDP 6644 and 6646
- d) TCP 7000 and 7010

**10. Which describes the best option when beginning a cloud design?**

- a) Outline even/ challenge in the data center in a business justification document.
- b) Switch to a single hypervisor provider.
- c) Leverage automation as a foundational concept.
- d) Hire enough resources to maintain a 5-to-1 relationship with managed devices.

**Answers to 300-465 Exam Questions:**

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

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)