



300-470

Automating the Cisco Enterprise Cloud

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SUCCESS GUIDE TO CISCO CERTIFICATION

Exam Summary – Syllabus – Questions

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Introduction to 300-470 Exam on Automating the Cisco Enterprise Cloud

A great way to start the Cisco Certified Network Professional Cloud (CLDAUT) preparation is to begin by properly appreciating the role that syllabus and study guide play in the Cisco 300-470 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 300-470 exam preparation guide to provide the overview about Cisco Automating the Cisco Enterprise Cloud exam, study material, sample questions, practice exam and ways to interpret the exam objectives to help you assess your readiness for the Cisco CLDAUT 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 300-470 Certification Details:

Exam Name	Automating the Cisco Enterprise Cloud
Exam Number	300-470 CLDAUT
Exam Price	\$300 USD
Duration	90 minutes
Number of Questions	55-65
Passing Score	Variable (750-850 / 1000 Approx.)
Recommended Training	Automating the Cisco Enterprise Cloud (CLDAUT)
Exam Registration	PEARSON VUE
Sample Questions	Cisco 300-470 Sample Questions
Practice Exam	Cisco Certified Network Professional Cloud Practice Test

Cisco 300-470 Exam Syllabus:

Section	Weight	Objectives
Provision Private IaaS Infrastructure	27%	<p>1 Create cloud tenant</p> <ul style="list-style-type: none"> a) Provision infrastructure devices a.1 Provision network a.2 Provision compute a.3 Provision storage <p>2 Develop policies</p> <ul style="list-style-type: none"> a) Network b) Storage c) Compute d) Cost model e) Service catalog <p>3 Manage virtual data centers</p> <ul style="list-style-type: none"> a) Create virtual data center b) Manage application categories in a VDC <p>4 Manage workflows</p> <ul style="list-style-type: none"> a) Create input/output parameters b) Add tasks to workflow designer c) Create custom workflow tasks d) Describe the open automation tool kit (SDK) <p>5 Manage catalogs</p> <ul style="list-style-type: none"> a) Publish standard and advanced catalogs b) Cloning a catalog c) Create user VM action policy d) Cost (monetary) tracking <p>6 Configure self-service provisioning in Cisco UCS Director</p> <ul style="list-style-type: none"> a) Customize portals b) Create service request workflow c) Monitor service requests
Provision Private IaaS Catalog	17%	<p>1 Publish Cisco UCS Director services in PSC 11.0</p> <ul style="list-style-type: none"> a) Discover Cisco UCS Director catalogs and templates b) Publish services with RBAC for end-user ordering <p>2 Order PSC IaaS services as end users</p> <ul style="list-style-type: none"> a) Login as an end user b) Order a VM based on standard or advanced c) Catalogs d) Order a service container <p>3 Publish application stack services</p>

Section	Weight	Objectives
		<ul style="list-style-type: none"> a) Design application stack services b) Publish application stack services with RBAC for end-user ordering c) Order application stack as an end user
Provision Private IaaS with Network Automation	18%	<ul style="list-style-type: none"> 1 Define policies for container <ul style="list-style-type: none"> a) Computing policies b) Network policy c) Storage policies d) System policies 2 Defining global resource pools <ul style="list-style-type: none"> a) Configure VLAN/VXLAN pools b) Configure IP subnet pools c) Configure static IP pools 3 Creating a Cisco VACS three-tier internal template <ul style="list-style-type: none"> a) Specifying a template type b) Selecting the deployment options c) Configuring network resource pools d) Configuring VM networks e) Adding virtual machines to a template 4 Creating a Cisco VACS three-tier external template <ul style="list-style-type: none"> a) Define ACL for three-tier external template b) Configure security zones 5 Publish discovered VACS services in PSC 11.0 <ul style="list-style-type: none"> a) Discover the VACS containers b) Register the VACS application container templates
Provision Hybrid IaaS	18%	<ul style="list-style-type: none"> 1 Configure intercloud fabric connectivity <ul style="list-style-type: none"> a) Set up provider cloud account b) Set up infrastructure image c) Set up secure extension d) Add port profile e) Create IP pools for VMs f) Create user groups and users g) Configure vDCs h) Configure network and system policies 2 Create VM templates to deploy new workloads in the hybrid cloud <ul style="list-style-type: none"> a) Configure a virtual machine template b) Configure network policies c) Configure system policies d) Configure storage policies

Section	Weight	Objectives
		<p>e) Configure VMware policies (network, system, computing, and storage) f) Create a catalog for templates</p> <p>3 Create VM templates to migrate workloads between public cloud and private clouds a) Configure a virtual machine template b) Configure network policies c) Configure system policies d) Configure storage policies e) Configure VMware policies (network, system, computing, and storage) f) Create a catalog for templates</p> <p>4 Deploy security appliances in the hybrid cloud a) Run infrastructure wizard through ICF to bring up ICS services controller and cloud components (such as: PNSC) b) Add the compute firewall c) Define compute security profile d) Define object groups, zones, rules, and policies e) Create service path f) Bind the service path to port profile</p> <p>5 Configure routing policies to enable secure communication between hybrid cloud VMs a) Add edge routers b) Add system policies c) Add network policies d) Add routing policies e) Assign VMs</p> <p>6 Configure end-user workflows to manage virtual machines in hybrid cloud environment a) Bursting b) Sandbox for development c) Disaster recovery d) Production deployment on public environment</p>
Application Provisioning and Life-Cycle Management	20%	<p>5.1 Order a virtual server on PSC 11.0 a) Order a VM based on standard or advanced catalogs b) Order a service container</p> <p>2 Order a physical server on PSC 11.0 a) Order a bare-metal physical server b) Order a virtualized physical server</p> <p>3 Order a multitier application container on PSC 11.0</p>

Section	Weight	Objectives
		a) Order a three-tier application container 4 Managing application containers a) Access the application container reports b) Power on the application container c) Power off the application container d) Add VMs to application container e) Delete VMs from application container f) Delete an application container 5 Managing life cycles a) VM b) Compute c) Storage d) Network 6 Snapshots a) Types b) Requirements c) Limitations

300-470 Sample Questions:

01. A Cisco UCS Director static IP pool policy requires which mandatory attribute?

- a) VLAN ID
- b) gateway IP address
- c) static IP pool ranges
- d) VXLAN ID

02. Which two statements are true regarding snapshot and snapshot limitations?

(Choose two.)

- a) Resource limitations should be set up in Cisco Prime Service Catalog by user groups to prevent datastore exhaustion.
- b) Powering off a VM in a vCenter will make a snapshot go faster.
- c) A VM in a VDC can be accessed by any user regardless of permissions.
- d) Users can create, revert, and delete snapshots in accordance with the end-user self-service policy by VDC.

03. You have been tasked with managing application containers. What occurs when you delete an application container?

- a) All the VMs within the container will be configured to be in a resting configuration.
- b) All the VMs within the container will be powered off.
- c) All the VMs within the container will be deleted.
- d) All the VMs and the database within the container will be deleted.

04. Which two statements are true regarding role-based access control in Prime Service Catalog?

(Choose two.)

- a) IT admin uses the Cisco Prime Service Catalog as the primary interface to manage tenant life cycle and services.
- b) Tenant admin in the private cloud is associated with tenant billing and cost model.
- c) Development of stack designer for application deployment is not within the framework of RBAC.
- d) IT admin manages infrastructure in the cloud and uses the Cisco Prime Service Catalog, Horizon, and Openstack templates as the primary interface.

05. Which two types of catalogs can be exposed in Cisco Prime Service Catalog?

(Choose two.)

- a) Cisco UCS Director catalogs
- b) hybrid cloud catalogs
- c) Advanced Cisco UCS Director catalogs
- d) computing catalogs
- e) enterprise catalogs

06. In Cisco VACS, a three-tier container connects to external networks using which technology?

- a) static routes only
- b) static routes or a routing protocol such as EIGRP
- c) VXLAN gateway
- d) OTV

07. Which two statements are true regarding port-profiles and the Cisco Intercloud Fabric virtual machine?

(Choose two.)

- a) All port profiles required for creating the Cisco Intercloud Network Policies must be created using Intercloud Fabric.
- b) Trunk ports are supported in the cloud virtual machines.
- c) All port profiles required for deploying a virtual machine must be created using the Cisco Intercloud Fabric.
- d) Trunk ports are supported in virtual machines that will be migrated to the cloud.

08. Where do you create a Custom Approval Task in Cisco UCS Director?

- a) Policies > Orchestration > Customer Approval Tasks
- b) Policies > VDC > Customer Approval Tasks
- c) System > Orchestration > Customer Approval Tasks
- d) System > VDC > Customer Approval Tasks

09. VXLAN can be leveraged with which protocol for intercloud fabric connectivity?

- a) DTLS
- b) TLS
- c) UDP
- d) TCP

10. What is the order of the communication path in a typical three-tier application?

- a) WebBrowser->AppTier->WebTier->DBTier
- b) WebBrowser->WebTier->AppTier->DBTier
- c) WebTier->WebBrowser->AppTier->DBTier
- d) WebTier->AppTier->DBTier->BackupTier

Answers to 300-470 Exam Questions:

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