CISCO 300-635

Cisco CCNP Data Center Certification Questions & Answers

Exam Summary – Syllabus – Questions

300-635
55-65 Questions Exam – Variable (750-850 / 1000 Approx.) Cut Score – Duration of 90 minutes

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Know Your 300-635 Certification Well:

The 300-635 is best suitable for candidates who want to gain knowledge in the Cisco Data Center. Before you start your 300-635 preparation you may struggle to get all the crucial CCNP Data Center materials like 300-635 syllabus, sample questions, study guide.

But don't worry the 300-635 PDF is here to help you prepare in a stress free manner.
The PDF is a combination of all your queries like-
  • What is in the 300-635 syllabus?
  • How many questions are there in the 300-635 exam?
  • Which Practice test would help me to pass the 300-635 exam at the first attempt?

Passing the 300-635 exam makes you Cisco Certified DevNet Specialist Data Center Automation and Programmability. Having the CCNP Data Center certification opens multiple opportunities for you. You can grab a new job, get a higher salary or simply get recognition within your current organization.

Cisco 300-635 CCNP Data Center Certification Details:

Exam Name	Automating and Programming Cisco Data Center Solutions
Exam Code	300-635
Exam Price	$300 USD
Duration	90 minutes
Number of Questions	55-65
Passing Score	Variable (750-850 / 1000 Approx.)
Recommended Training	**Implementing Automation for Cisco Data Center Solutions (DCAUI)**
Exam Registration	**PEARSON VUE**
Sample Questions	**Cisco 300-635 Sample Questions**
Practice Exam	**Cisco Certified DevNet Specialist Data Center Automation and Programmability Practice Test**

300-635 Syllabus:

Section	Weight	Objectives
Network Programmability Foundation	10%	- Utilize common version control operations with git: add, clone, push, commit, diff, branching, merging conflict - Describe characteristics of API styles (REST and RPC) - Describe the challenges encountered and patterns used when consuming APIs synchronously and asynchronously - Interpret Python scripts containing data types, functions, classes, conditions, and looping - Describe the benefits of Python virtual environments - Explain the benefits of using network configuration tools such as Ansible and Puppet for automating data center platforms
Controller Based Data Center Networking	30%	- Describe the following: ACI target policy ACI application hosting capabilities Implementation of an ACI application from the Cisco ACI Apps Center - Leverage the API inspector to explore the REST API calls made by the ACI GUI - Construct a Python script to create an application policy using the ACI REST API - Construct a Python script to create an application policy using the ACI Cobra SDK - Construct an Ansible playbook to create an application policy - Describe the benefits of integrating Kubernetes infrastructure using the ACI CNI plugin
Data Center Device-centric Networking	30%	- Describe Day 0 provisioning with NX-OS Cisco POAP NX-OS iPXE - Implement On-Box Programmability and Automation with NX-OS Bash

Section	Weight	Objectives
		Linux containers (LXC and Docker using provided container)
		NX-OS guest shell
		Embedded Event Manager (EEM)
		On-box Python Scripting
		- Compare model-driven telemetry such as YANG Push and gRPC to traditional network monitoring strategies such as SMNP, Netflow, and SYSLOG - Construct Python script that consumes model-driven telemetry data with NX-OS - Implement Off-Box Programmability and Automation with NX-OS
		Nexus NX-API (NX-API REST and NX-API CLI)
		Nexus NETCONF using native and OpenConfig
		Network configuration tools with NX-OS (Ansible)
Data Center Compute	30%	- Configure Cisco UCS with developer tools
		UCS PowerTool
		UCS Python SDK
		Ansible
		- Describe the capabilities of the DCNM API - Identify the steps in the Intersight API authentication method - Construct an Intersight API call given documentation to accomplish tasks such as manage server policies, service profiles, and firmware updates - Describe the process to implement workflows for physical and virtual infrastructure using UCS Director
		Pre-defined tasks
		Custom tasks
		Script libraries
		- Utilize UCS Director REST API browser

Cisco 300-635 Sample Questions:

Question: 1

When Cisco Nexus switches are implemented, which command requires the method key to perform a POST operation using the NXAPI-CLIJSON-RPC interface?

a) cli
b) cli_conf
c) cli_show
d) cli_post

Answer: b

Question: 2

Which two statements apply to authentication when using the Cisco Intersight API? (Choose two.)

a) Each API Key can be assigned specific roles but not privileges.
b) Secret Key is only available at API Key creation time.C. An API Key is composed of a Key ID and Secret Key.
c) The user credentials for the cisco.com accounts are shared with the Cisco Intersight Web Service
d) An API Key is composed of a keyId and sessionCookie.

Answer: b, c

Question: 3

Which two statements describe the authentication method used with Cisco Intersight REST API Requests? (Choose two.)

a) The REST API request contains a base64-encoded signature of the message content and headers.
b) The REST API request message body is encoded as a SHA384 hash and then signed with the API Key ID.
c) The Cisco Intersight Web service verifies the signature of incoming request with the RSA public key for the API Key ID.
d) The incoming REST API request is challenged by the Cisco Intersight Web service with a request for the RSA private key.
e) The message body is encoded as a SHA256 hash if the message body is not empty and then signed with the API Key ID.

Answer: a, d

Question: 4

What is the network bootstrap program used by Cisco NX-OS iPXE?

a) NETBOOT
b) NX-OS iPXE
c) iPXE-POAP
d) Mini-OS

Answer: a

Question: 5

What is a feature of model-driven telemetry?

a) randomizes the data out of the network
b) continuously streams data out of the network
c) randomizes the data coming to the network
d) continuously pulls data out of the network

Answer: b

Question: 6

How should the Kubernetes manifests be modified to allow Kubernetes environment integration with Cisco ACI?

a) The metadata section must contain the Cisco APIC management IP.
b) The manifest does not have to be changed, but the Kubernetes object is not discovered by Cisco ACI if this is not defined in the manifest.
c) The manifests must include ACI EPG reference.
d) No change is needed to perform this action.

Answer: d

Question: 7

When the Cisco bigmuddy-network-telemetry-collector from GitHub is used, which command displays only the message headers?

a) --print
b) --all
c) --brief
d) --print-all

Answer: c

Question: 8

A set of automation scripts work with no issue from a local machine, but an experiment needs to take place with a new package found online. How is this new package isolated from the main code base?

a) Add the new package to your requirements.txt file.
b) Create a new virtual machine and perform a pip install of the new package.
c) Perform a pip install of the new package when logged into your local machine as root.
d) Create a new virtual environment and perform a pip install of the new package.

Answer: d

Question: 9

During the process of starting a Python network telemetry collector, which command starts the Cisco bigmuddy- network-telemetry-collector from GitHub?

a) model driven telemetry
b) telemetry_receiver.py --ip-address --port
c) telemetry_receiver.py --destination --url
d) streaming telemetry

Answer: b

Question: 10

An engineer is implementing a Cisco Nexus switch. Which command executes an Ansible playbook called n9k.yml?

a) ansible-playbook -f N9K.yml
b) ansible-playbook -f n9k.yml -run now
c) ansible-playbook -f n9k.yml
d) ansible-playbook n9k.yml

Answer: d

Study Guide to Crack Cisco CCNP Data Center 300-635 Exam:

- Getting details of the 300-635 syllabus, is the first step of a study plan. This pdf is going to be of ultimate help. Completion of the syllabus is must to pass the 300-635 exam.
- Making a schedule is vital. A structured method of preparation leads to success. A candidate must plan his schedule and follow it rigorously to attain success.
- Joining the Cisco provided training for 300-635 exam could be of much help. If there is specific training for the exam, you can discover it from the link above.
- Read from the 300-635 sample questions to gain your idea about the actual exam questions. In this PDF useful sample questions are provided to make your exam preparation easy.
- Practicing on 300-635 practice tests is must. Continuous practice will make you an expert in all syllabus areas.

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