



CISCO 300-635 DCAUTO STUDY GUIDE PDF

Cisco CCNP Data Center Certification Questions & Answers

[Details of the Exam-Syllabus-Questions](#)

300-635

**Cisco Certified DevNet Specialist Data Center Automation and
Programmability**

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

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Get an Overview of the 300-635 DCAUTO Certification:

Who should take the [300-635 exam](#)? This is the first question that comes to a candidate's mind when preparing for the CCNP Data Center certification. The Automating and Programming Cisco Data Center Solutions certification is suitable for candidates who are keen to earn knowledge on the Data Center and grab their Cisco Certified DevNet Specialist Data Center Automation and Programmability. When it is about starting the preparation, most candidates get confused regarding the study materials and study approach. But 300-635 study guide PDF is here to solve the problem. 300-635 PDF combines some effective sample questions and offers valuable tips to pass the exam with ease.

Why Should You Earn the Cisco 300-635 Certification?

There are several reasons why one should grab the 300-635 certification.

- The CCNP Data Center certification proves to be one of the most recognized certifications.
- The certification badge proves the knowledge of the candidate regarding subject matters and makes his resume presentable to potential candidates.
- Thus earning the [Cisco Certified DevNet Specialist Data Center Automation and Programmability](#) is a powerful qualification for a prosperous career.

What Is the Cisco 300-635 CCNP Data Center Certification Exam Structure?

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)

Section	Weight	Objectives
		<ul style="list-style-type: none"> - 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%	<ul style="list-style-type: none"> - Describe the following: <ul style="list-style-type: none"> • 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%	<ul style="list-style-type: none"> - Describe Day 0 provisioning with NX-OS <ul style="list-style-type: none"> • Cisco POAP • NX-OS iPXE - Implement On-Box Programmability and Automation with NX-OS <ul style="list-style-type: none"> • Bash • Linux containers (LXC and Docker using provided container) • NX-OS guest shell • Embedded Event Manager (EEM)

Section	Weight	Objectives
		<ul style="list-style-type: none"> • 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 <ul style="list-style-type: none"> • 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 <ul style="list-style-type: none"> • 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 <ul style="list-style-type: none"> • Pre-defined tasks • Custom tasks • Script libraries - Utilize UCS Director REST API browser

Enhance Knowledge with 300-635 Sample Questions:

Question: 1

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) 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: 2

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: 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**

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: 5**

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**Question: 6**

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: 7**

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: 8

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: 9

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: 10

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

What Study Guide Works Best in Acing the Cisco 300-635 CCNP Data Center Certification?

The 300-635 study guide is a combination of some proven study tips and the combination of all valuable study materials like sample questions, syllabus and practice tests in one place.

Explore the Syllabus Topics and Learn from the Core:

If you are determined to earn success in the CCNP Data Center exam, getting in full touch of the [DCAUTO syllabus](#) is mandatory. During preparation, you might not like all syllabus sections or topics, but try to get at least the fundamental knowledge from the sections you don't like. The more you possess knowledge on all syllabus sections, the more is the chance to attempt maximum number of questions during the actual exam.

Make Your Schedule:

Studying and completing the syllabus becomes easier, if you work on the syllabus topics after making a schedule. Your syllabus must mention what areas you want to cover and within what time. Once you make a schedule and follow it regularly, syllabus completion becomes easier and preparation becomes smoother.

Get Expert Advice from the Training:

Do not forget to join the Cisco 300-635 training if it is providing any. Training enhances the practical knowledge of a candidate, which helps them to work well in the practical field during projects.

Get Access to the PDF Sample Questions:

If your study material is in a [PDF format](#) or the materials are mobile-friendly, what could be better than that? Get access to the free sample questions and keep enhancing your knowledge beyond the syllabus.

Avoid Dumps and Utilize the Cisco 300-635 Practice Test:

Why should you rely on practice tests? The reason is simple: you must get familiar with the exam pattern before reaching the exam hall. An aspirant aware of the exam structure and time management during the exam preparation can perform

well in the actual exam and attempt the maximum number of questions during the exam.

Many aspirants prefer to read from dumps, but they miss out on the self-assessment method. Therefore, 300-635 DCAUTO practice tests always stand out to be the better choice than dumps PDF.

Avail the Proven 300-635 Practice Test for Success!!!

Do you want to pass the 300-635 DCAUTO exam on your first attempt? Stop worrying; we, NWExam.com are here to provide you the best experience during your Automating and Programming Cisco Data Center Solutions preparation. Try out our free mock tests to get a glimpse of our quality study materials, and build your confidence with the premium [300-635 practice tests](#). Our expert-designed questions help you to improve performance and pass the exam on your first attempt.