

CISCO 300-435

Cisco CCNP Enterprise Certification Questions & Answers

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300-435

[Cisco Certified DevNet Specialist Enterprise Automation and Programmability](#)

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



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Discover More about the 300-435 Certification

Are you interested in passing the Cisco 300-435 exam? First discover, who benefits from the 300-435 certification. The 300-435 is suitable for a candidate if he wants to learn about Enterprise. Passing the 300-435 exam earns you the Cisco Certified DevNet Specialist Enterprise Automation and Programmability title.

While preparing for the 300-435 exam, many candidates struggle to get the necessary materials. But do not worry; your struggling days are over. The 300-435 PDF contains some of the most valuable preparation tips and the details and instant access to useful [300-435 study materials just at one click](#).

Cisco 300-435 CCNP Enterprise Certification

Details:

Exam Name	Automating and Programming Cisco Enterprise Solutions
Exam Number	300-435 ENAUTO
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 Enterprise Solutions (ENAUJ)
Exam Registration	PEARSON VUE
Sample Questions	Cisco 300-435 Sample Questions
Practice Exam	Cisco Certified DevNet Specialist Enterprise Automation and Programmability Practice Test

300-435 Syllabus:

Section	Weight	Objectives
Network Programmability Foundation	10%	<ul style="list-style-type: none"> - 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

Section	Weight	Objectives
		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 IOS XE platforms
Automate APIs and Protocols	10%	- Identify the JSON instance based on a YANG model - Identify the XML instance based on a YANG model - Interpret a YANG module tree generated per RFC8340 - Compare functionality, benefits, and uses of OpenConfig, IETF, and native YANG models - Compare functionality, benefits, and uses of NETCONF and RESTCONF
Network Device Programmability	20%	- Implement device management and monitoring using NetMiko - Construct a Python script using ncclient that uses NETCONF to manage and monitor an IOS XE device - Configure device using RESTCONF API utilizing Python requests library - Utilize Ansible to configure an IOS XE device - Configure a subscription for model driven telemetry on an IOS XE device (CLI, NETCONF, and RESTCONF) - Compare publication and subscription telemetry models <ul style="list-style-type: none"> • Periodic / cadence • On-change - Describe the benefits and usage of telemetry data in troubleshooting the network - Describe Day 0 provisioning methods <ul style="list-style-type: none"> • iPXE • PnP • ZTP
Cisco DNA Center	20%	- Compare traditional versus software-defined networks - Describe the features and capabilities of Cisco DNA Center

Section	Weight	Objectives
		<ul style="list-style-type: none"> • Network assurance APIs • Intent APIs • Multivendor support (3rd party SDKs) • Events and notifications <p>- Implement Cisco DNA Center event outbound webhooks</p> <p>- Implement API requests for Cisco DNA Center to accomplish network management tasks</p> <ul style="list-style-type: none"> • Intent APIs • Command Runner APIs • Site APIs <p>- Implement API requests for Cisco DNA Center to accomplish network management tasks using these APIs</p> <ul style="list-style-type: none"> • Network discovery and device APIs • Template APIs (Apply a template) <p>- Troubleshoot Cisco DNA Center automation process using Intent APIs</p>
Cisco SD-WAN	20%	<p>- Describe features and capabilities of Cisco SD-WAN vManage Certificate Management APIs</p> <p>- Implement a Python script to perform API requests for Cisco SD-WAN vManage Device Inventory APIs to retrieve and display data</p> <p>- Construct API requests for Cisco SD-WAN vManage Administration APIs</p> <p>- Implement a Python script to perform API requests for Cisco SD-WAN vManage Configuration APIs to modify Cisco SD-WAN fabric configuration</p> <p>- Construct API requests for Cisco SD-WAN vManage Monitoring APIs (Including real-time)</p> <p>- Troubleshoot a Cisco SD-WAN deployment using vManage APIs</p>
Cisco Meraki	20%	<p>- Describe features and capabilities of Cisco Meraki</p> <ul style="list-style-type: none"> • Location Scanning APIs • MV Sense APIs • External Captive Portal APIs

Section	Weight	Objectives
		<ul style="list-style-type: none"> • WebHook Alert APIs - Create a network using Cisco Meraki APIs - Configure a network using Cisco Meraki APIs - Implement a Python script for Cisco Meraki Alert WebHooks

Broaden Your Knowledge with Cisco 300-435 Sample Questions:

Question: 1

Which two statements are benefits of YANG-push telemetry data over traditional data collection methods?

(Choose two.)

- a) The subscription requests use less bandwidth than SNMP polls.
- b) It uses UDP rather than TCP.
- c) You can precisely define data subscriptions.
- d) It scales better than SNMP.
- e) It is supported on more devices than SNMP.

Answer: b, c

Question: 2

What are two benefits of leveraging Ansible for automation of Cisco IOS XE Software?

(Choose two.)

- a) Ansible playbooks are packaged and installed on IOS XE devices for automatic execution when an IOS device reboots.
- b) All IOS XE operating systems include Ansible playbooks for basic system administration tasks.
- c) It is a device-independent method for automation and can be used with any type of device or operating system.
- d) Ansible playbooks can be written from the IOS XE EXEC command line to configure the device itself.
- e) It does not require any modules of software except SSH to be loaded on the network device.

Answer: a, c

Question: 3

With the MV Sense API, which REST endpoint provides LUX level?

- f) /merakimv/XXXX-XXXX-XXXX/light
- g) /merakimv/XXXX-XXXX-XXXX/raw_detections
- h) /merakimv/XXXX-XXXX-XXXX/0
- i) /merakimv/XXXX-XXXX-XXXX/zones

Answer: a

Question: 4

An engineer needs to create a new network using the Meraki API. Which HTTP action to the URL [https:// api.meraki.com/api/v0/organizations//networks](https://api.meraki.com/api/v0/organizations//networks) will result in a 201 response code?

- a) GET
- b) POST
- c) PUT
- d) ADD

Answer: b

Question: 5

In which direction does the Cisco DNA Center Intent API communicate?

- a) westbound
- b) eastbound
- c) northbound
- d) southbound

Answer: c

Question: 6

Setting is used for the dampening period when configuring an on-change publication for YANG-push versus OpenConfig. What are two characteristics of synchronous calls to APIs?

(Choose two.)

- a) They block until a response is returned from the servers
- b) They make an application less portable, so asynchronous calls are preferred
- c) They add perceived latency to an application if data is not received
- d) Calls are limited to specific programming languages
- e) They do not block while waiting for the API to be processed

Answer: a, c

Question: 7

The Cisco DNA Center Sites API must be used to add a device to a site, but only the site name is available. Which API call must be used to retrieve the site identifier so that the device can be properly added to the network?

- a) /dna/intent/api/site/siteId
- b) /dna/intent/api/site
- c) /dna/intent/api/v1/site
- d) /dna/intent/api/v1/site/siteName

Answer: c**Question: 8**

Webhooks that are generated by Cisco DNA Center are REST calls with which properties?

- a) JSON payload delivered via PUT
- b) XML payload delivered via POST
- c) JSON payload delivered via POST
- d) XML payload delivered via PUT

Answer: a**Question: 9**

A programmer is creating a Meraki webhook Python script to send a message to Webex Teams. Which two elements should be configured to create this script? (Choose two.)

- a) gRPC credentials
- b) Webex Teams access token
- c) XML formatted request
- d) user authentication count
- e) webhook server secret

Answer: b, d**Question: 10**

When accessing the /device-detail endpoint in Cisco DNA Center, what is an acceptable SearchBy parameter value?

- a) platform type
- b) IP address
- c) software version
- d) MAC address

Answer: d

Avail the Study Guide to Pass Cisco 300-435 CCNP Enterprise Exam:

- Find out about the 300-435 syllabus topics. Visiting the official site offers an idea about the exam structure and other important study resources. Going through the syllabus topics help to plan the exam in an organized manner.
- Once you are done exploring the [300-435 syllabus](#), it is time to plan for studying and covering the syllabus topics from the core. Chalk out the best plan for yourself to cover each part of the syllabus in a hassle-free manner.
- A study schedule helps you to stay calm throughout your exam preparation. It should contain your materials and thoughts like study hours, number of topics for daily studying mentioned on it. The best bet to clear the exam is to follow your schedule rigorously.
- The candidate should not miss out on the scope to learn from the 300-435 training. Joining the Cisco provided training for 300-435 exam helps a candidate to strengthen his practical knowledge base from the certification.
- Learning about the probable questions and gaining knowledge regarding the exam structure helps a lot. Go through the [300-435 sample questions](#) and boost your knowledge
- Make yourself a pro through online practicing the syllabus topics. 300-435 practice tests would guide you on your strengths and weaknesses regarding the syllabus topics. Through rigorous practicing, you can improve the weaker sections too. Learn well about time management during exam and become confident gradually with practice tests.

Career Benefits:

Passing the 300-435 exam, helps a candidate to prosper highly in his career. Having the certification on the resume adds to the candidate's benefit and helps to get the best opportunities.

Here Is the Trusted Practice Test for the 300-435 Certification

NWExam.com is here with all the necessary details regarding the 300-435 exam. We provide authentic practice tests for the 300-435 exam. What do you gain from these practice tests? You get to experience the real exam-like questions made by industry experts and get a scope to improve your performance in the actual exam. Rely on NWExam.com for rigorous, unlimited two-month attempts on the [300-435 practice tests](#), and gradually build your confidence. Rigorous practice made many aspirants successful and made their journey easy towards grabbing the Cisco Certified DevNet Specialist Enterprise Automation and Programmability.

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