

# Cisco 300-435 Regualer Update - Study 300-435 Materials

|                                   |                                                                               |
|-----------------------------------|-------------------------------------------------------------------------------|
| Core exam:                        |                                                                               |
| 350-401 ENCOR                     | Implementing and Operating Cisco Enterprise Network Core Technologies (ENCOR) |
| Concentration exams (choose one): |                                                                               |
| 300-410 ENARSI                    | Implementing Cisco Enterprise Advanced Routing and Services (ENARSI)          |
| 300-415 ENSDWI                    | Implementing Cisco SD-WAN Solutions (ENSDWI)                                  |
| 300-420 ENSLD                     | Designing Cisco Enterprise Networks (ENSLD)                                   |
| 300-425 ENWLSD                    | Designing Cisco Enterprise Wireless Networks (ENWLSD)                         |
| 300-430 ENWLSI                    | Implementing Cisco Enterprise Wireless Networks (ENWLSI)                      |
| 300-435 ENAUTO                    | Implementing Automation for Cisco Enterprise Solutions (ENAUTO)               |

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There are a lot of leading experts and professors in different field in our company. The first duty of these leading experts and professors is to compile the 300-435 exam questions. In order to meet the needs of all customers, the team of the experts in our company has done the research of the 300-435 study materials in the past years. As a result, they have gained an in-depth understanding of the fundamental elements that combine to produce world class 300-435 practice materials for all customers.

## Domain 3: Network Device Programmability (20%)

Within this subject area, the candidates need to demonstrate that they are able to manage and monitor device with the help of NetMiko; build a script in Python with the help of ncclient that utilizes NETCONF to handle IOS XE software; customize a device with the help of RESTCONF API; apply Ansible to customize IOS XE software; customize subscriptions for model-driven telemetry within IOS XE software (RESTCONF, CLI, NETCONF); differentiate subscription and publication telemetry models (on-change; periodic/cadence); determine the advantages and use cases of telemetry data in fixing the network; explain Day 0 provisioning approaches such as iPXE, ZTP, and PnP.

In order to pass the Cisco 300-435 exam, candidates must have a strong understanding of Python programming language and its use in network automation. They should also be familiar with Cisco DNA Center and its capabilities for automating network tasks. Additionally, candidates should have knowledge of REST APIs and how to use them to interact with Cisco devices. Overall, the exam tests a candidate's ability to automate and program Cisco enterprise solutions in a variety of scenarios, including network optimization, configuration management, and troubleshooting.

Cisco 300-435 Certification Exam is designed to test the competency of IT professionals in automating and programming Cisco enterprise solutions. 300-435 exam is intended for individuals who have experience in Cisco technologies and are looking to advance their knowledge and skills in automation and programming. Automating and Programming Cisco Enterprise Solutions certification exam focuses on the use of Cisco technologies to create solutions that automate and streamline enterprise networks.

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## Cisco Automating and Programming Cisco Enterprise Solutions Sample Questions (Q100-Q105):

### NEW QUESTION # 100

Refer to the exhibit.

```
- name: Create VRFs as defined by local_vrfs
  ios_vrf:
    vrfs: "{{ local_vrfs }}"
    state: 
  register: addvrf
```

An engineer creates an Ansible playbook to configure VRF information using a `local_vrfs` variable. The code must be completed so that it can be tested. Which string completes the code?

- A. active
- B. present
- C. up
- D. on

Answer: B

### NEW QUESTION # 101

Refer to the exhibit. What is the result when running the Python scripts?

```
neighbors = ['s1', 's2', 's3']
switch = {'hostname': 'nexus', 'os': '7.0.3', 'neighbors': neighbors}
print(switch['neighbors'][1])
```

- A. s2
- B. s3
- C. s1
- D. s1, s2, s3

Answer: A

Explanation:

```
1 neighbors = ['s1', 's2', 's3']
2 switch = {'hostname': 'nexus', 'os': '7.0.3', 'neighbors': neighbors}
3 print(switch['neighbors'][1])
```

**CISCO**

Execute Mode, Version, Inputs & Arguments

3.7.4

CommandLine Arguments

Result

CPU Time: 0.02 sec(s), Memory: 7604 kilobyte(s)

s2

#### NEW QUESTION # 102

Which two actions do Python virtual environments allow users to perform? (Choose two.)

- A. Quickly create any Python environment for testing and debugging purposes.
- B. Run and simulate other operating systems within a development environment.
- C. Quickly create an isolated Python environment with module dependencies.
- D. Simplify the CI/CD pipeline when checking a project into a version control system, such as Git.
- E. Efficiently port code between different languages, such as JavaScript and Python.

Answer: A,C

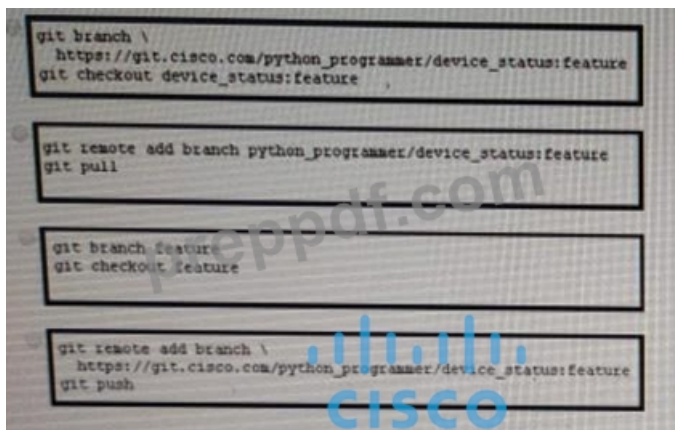
Explanation:

Section: Network Programmability Foundation

Explanation/Reference: <https://realpython.com/python-virtual-environments-a-primer/>

#### NEW QUESTION # 103

An engineer stored source code in a Git repository and is ready to develop a new feature. The production release is stored in the "master" branch. Which command create the new feature in a separate branch called "feature" and check out the new version?



- A. Option D
- B. Option B
- **C. Option C**
- D. Option A

**Answer: C**

#### NEW QUESTION # 104

Which setting is used for the dampening period when configuring an on-charge publication for YANG-push versus OpenConfig?

- A. null
- B. 0
- **C. 1**
- D. 2

**Answer: C**

#### NEW QUESTION # 105

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