

Exam 300-435 Vce - 300-435 Latest Test Dumps



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Our 300-435 practice materials are high quality and high accuracy rate products. It is all about their superior concreteness and precision that helps. Every page and every points of knowledge have been written from professional experts who are proficient in this line and are being accounting for this line over ten years. Many exam candidates attach great credence to our 300-435 practice materials. Our 300-435 practice materials do not need any ads, their quality has propaganda effect themselves.

Topics of 300-435 ENAUTO : Automating and Programming Cisco Enterprise Solutions Exam

candidates must know the exam topics before they start of preparation. Because it will really help them in hitting the core. Our **300-435 exam dumps** will include the following topics:

1. Network Programmability Foundation (10%)

- Describe characteristics of API styles (REST and RPC)
- Describe the challenges encountered and patterns used when consuming APIs synchronously and asynchronously
- Utilize common version control operations with git (add, clone, push, commit, diff, branching, merging conflict)

2. Automate APIs and Protocols (10%)

- Interpret a YANG module tree generated per RFC8340
- Identify the JSON instance based on a YANG model
- Compare functionality, benefits, and uses of NETCONF and RESTCONF
- Compare functionality, benefits, and uses of OpenConfig, IETF, and native YANG models
- Identify the XML instance based on a YANG model

3. Network Device programmability (20%)

- ZTP
- Describe Day 0 provisioning methods
- Compare publication and subscription telemetry models
- PnP
- Periodic / cadence
- On-change
- Configure a subscription for model driven telemetry on an IOS XE device (CLI, NETCONF, and RESTCONF)

- iPXE
- Utilize Ansible to configure an IOS XE device
- Implement device management and monitoring using NetMiko

4. Cisco DNA Center (20%)

- Command Runner APIs
- Implement API requests for Cisco DNA Center to accomplish network management tasks using these APIs
- Multivendor support (3rd party SDKs)
- Events and notifications
- Describe the features and capabilities of Cisco DNA Center
- Network discovery and device APIs
- Intent APIs
- Network assurance APIs
- Site APIs

5. Cisco SD-WAN 20%

- Construct API requests for Cisco SD-WAN vManage Monitoring APIs (Including real-time)
- Troubleshoot a Cisco SD-WAN deployment using vManage APIs
- Implement a Python script to perform API requests for Cisco SD-WAN vManage Device Inventory APIs to retrieve and display data

6. Cisco Meraki (20%)

- WebHook Alert APIs
- Implement a Python script for Cisco Meraki Alert WebHooks
- Location Scanning APIs
- Create a network using Cisco Meraki APIs
- External Captive Portal APIs
- Configure a network using Cisco Meraki APIs

The Cisco 300-435 Exam covers a broad range of topics including network programmability foundation, APIs, automation protocols, network automation tools, and infrastructure automation. The Cisco 300-435 exam is a 90-minute test that consists of multiple-choice questions, drag-and-drop questions, and simulation-based questions. 300-435 exam is available in English and Japanese.

Cisco 300-435 certification exam is intended for network engineers, software developers, and IT professionals who are interested in automating and programming Cisco enterprise solutions. Automating and Programming Cisco Enterprise Solutions certification exam validates your knowledge and skills in using various automation tools and technologies to automate Cisco enterprise solutions. Passing this certification exam will help you stand out in a competitive job market and demonstrate your expertise in automation and programming.

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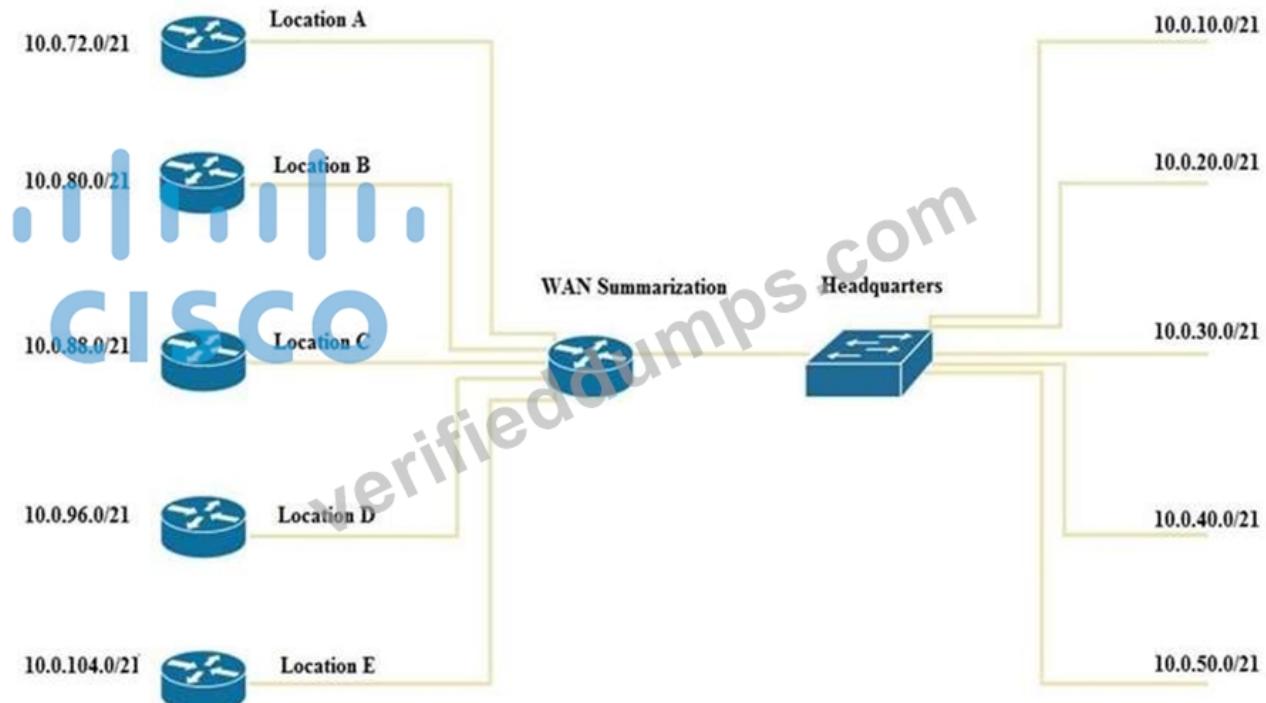
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Cisco Automating and Programming Cisco Enterprise Solutions Sample Questions (Q137-Q142):

NEW QUESTION # 137

Refer to the exhibit.



An engineer must apply IP addressing to five new WAN sites and chooses the new subnets pictured. The previous administrator applied the addressing at Headquarters. What is the minimum summary range to cover the existing WAN sites while also allowing for three additional WAN sites of the same size, for future growth?

- A. 10.0.0.0/17
- B. 10.0.60.0/18
- C. 10.0.64.0/18
- D. 10.0.64.0/17

Answer: D

NEW QUESTION # 138

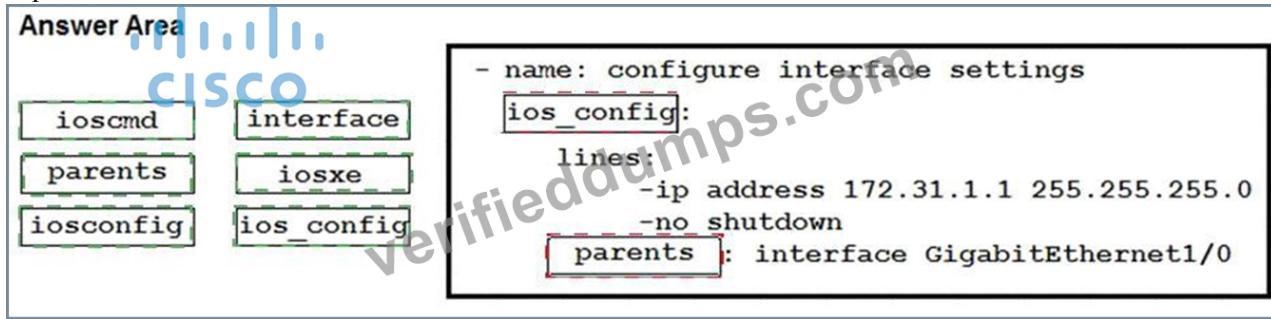
Drag and drop the commands to the Ansible playbook that applies configuration to an interface on a Cisco IOS XE device. Not all options are used.

Answer Area

ioscmd	interface	<pre> - name: configure interface settings <input type="text"/>: lines: - ip address 172.31.1.1 255.255.255.0 - no shutdown <input type="text"/>: interface GigabitEthernet1/0 </pre>	
parents	iosxe		
iosconfig	ios config		

Answer:

Explanation:



NEW QUESTION # 139

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. It is supported on more devices than SNMP.
- D. You can precisely define data subscriptions.
- E. It scales better than SNMP.

Answer: A,E

Explanation:

YANG-push telemetry data offers several benefits over traditional data collection methods such as SNMP polling. One significant advantage is that it uses less bandwidth because it sends updates only when there's a change in subscribed data, rather than repeatedly polling all devices at regular intervals regardless of changes.

This makes it more efficient and reduces unnecessary network traffic. Additionally, YANG-push telemetry scales better than SNMP because it can handle more frequent updates from a large number of devices without overwhelming the network or management systems. References := (Automating Cisco Enterprise Solutions Official Cert Guide)

NEW QUESTION # 140

Refer to the exhibit. A Python script must be created to deactivate vSmart Policy Cisco SD-WAN vManage Configuration APIs. The documentation states the URL is as shown in the exhibit for this REST call using POST, and that "policyId" is a required request parameter.

Which line of Python code makes this call, assuming the variable "s" is a valid Requests session object and the variable "policy-id" is the policyId?

- A. s.port('https://vmanage:8443/dataservice/template/policy/vsmart/activate?policyId=%s' % policy_id)
- B. s.port('https://vmanage:8443/dataservice/template/policy/vsmart/activate&policyId=%s' % policy_id)
- C. s.port('https://vmanage:8443/dataservice/template/policy/vsmart/activate', data = {'policyId':policy_id})
- D. s.port('https://vmanage:8443/dataservice/template/policy/vsmart/activate/%s' % policy_id)

Answer: D

NEW QUESTION # 141

Drag and drop the characteristic from the left onto the monitoring type described on the right

Answer:

Explanation:

□ Reference:

https://www.cisco.com/c/en/us/td/docs/iosxr/ncs5500/telemetry/70x/b-telemetry-cg-ncs5500-70x/b-telemetry-cg-ncs5500-70x_chapter_010.html

NEW QUESTION # 142

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