

# Valid 300-415 Dumps & 300-415 Latest Questions



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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 300-415 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 300-415 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 300-415 practice materials for all customers.

Cisco 300-415 Exam is an essential certification for IT professionals who want to advance their careers in the field of network engineering and administration. With the increasing popularity of SD-WAN solutions, this certification is highly valued by employers and is a great way to demonstrate your proficiency in Cisco SD-WAN technologies. Implementing Cisco SD-WAN Solutions certification is also a prerequisite for other advanced Cisco certifications such as the CCIE Enterprise Infrastructure certification.

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## 300-415 Latest Questions - 300-415 Exam Dump

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To take the Cisco 300-415 Exam, candidates are required to have a strong understanding of networking concepts and technologies, including TCP/IP, routing protocols, and VPNs. They should also have experience with Cisco IOS XE software and Cisco SD-WAN technology, including vManage, vBond, and vSmart controllers. Candidates are expected to have a minimum of three to five years of experience in network architecture, design, and implementation.

## Controller Deployment

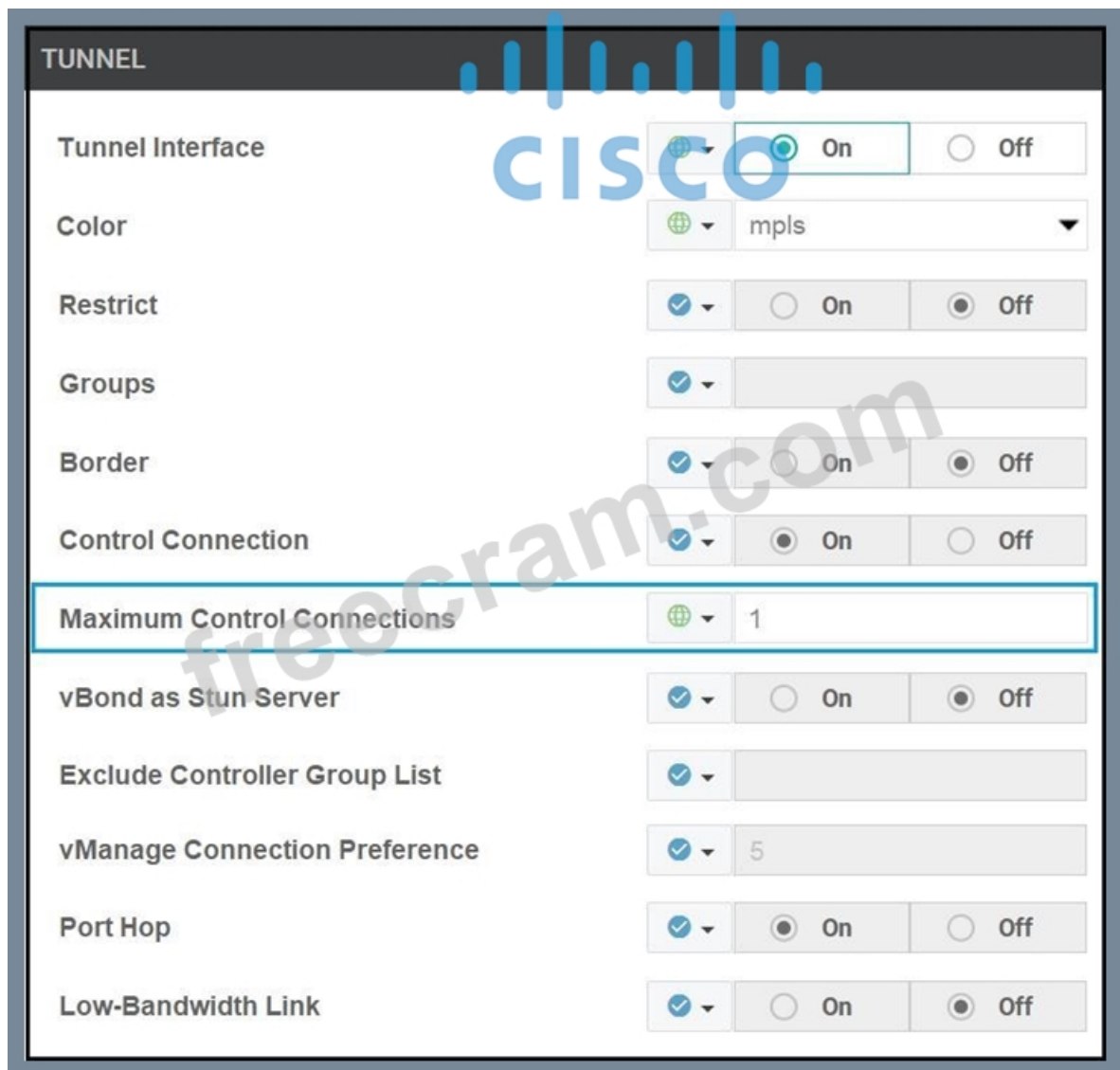
**This part covers 15% of the whole content and focuses on the skills and knowledge of the test takers in the following operations:**

- Explaining the on-premises deployment of the controller, including hosting platform, scalability & redundancy, and installing controllers;
- Explaining the Cloud deployment of the controller;
- Troubleshooting the control plane connectivity that exists between the controllers.
- Configuring the device lists & certificates;

## Cisco Implementing Cisco SD-WAN Solutions Sample Questions (Q54-Q59):

**NEW QUESTION # 54**

Company E wants to deploy Cisco SD-WAN with controllers in AWS. The company's existing WAN is on private MPLS without Internet access to controllers in AWS. An Internet circuit is added to a site in addition to the existing MPLS circuit. Which interface template establishes BFD neighbors over both transports?



The image shows a screenshot of the Cisco SD-WAN configuration interface for a Tunnel. The title bar at the top says "TUNNEL". The configuration is organized into several sections, each with a label on the left and controls on the right. A large "CISCO" watermark is visible across the center. A "freecram.com" watermark is also present diagonally. The "Maximum Control Connections" field is highlighted with a red rectangle.

Configuration Item	Value / State
Tunnel Interface	<input checked="" type="radio"/> On <input type="radio"/> Off
Color	mpls
Restrict	<input checked="" type="checkbox"/> <input type="radio"/> On <input checked="" type="radio"/> Off
Groups	<input checked="" type="checkbox"/> [Empty field]
Border	<input checked="" type="checkbox"/> <input type="radio"/> On <input checked="" type="radio"/> Off
Control Connection	<input checked="" type="checkbox"/> <input checked="" type="radio"/> On <input type="radio"/> Off
Maximum Control Connections	1
vBond as Stun Server	<input checked="" type="checkbox"/> <input type="radio"/> On <input checked="" type="radio"/> Off
Exclude Controller Group List	<input checked="" type="checkbox"/> [Empty field]
vManage Connection Preference	<input checked="" type="checkbox"/> 5
Port Hop	<input checked="" type="checkbox"/> <input checked="" type="radio"/> On <input type="radio"/> Off
Low-Bandwidth Link	<input checked="" type="checkbox"/> <input type="radio"/> On <input checked="" type="radio"/> Off

- A.
- B.

## TUNNEL

Tunnel Interface



On



Off

Color



mpls



Restrict



On



Off

Groups



Border



On



Off

Control Connection



On



Off

Maximum Control Connections



vBond as Stun Server



On



Off

Exclude Controller Group List



vManage Connection Preference



5

Port Hop



On



Off

Low-Bandwidth Link



On



Off

**TUNNEL**

Tunnel Interface	<input checked="" type="radio"/> On <input type="radio"/> Off
Color	<input type="radio"/> mpls
Restrict	<input type="radio"/> On <input checked="" type="radio"/> Off
Groups	<input checked="" type="checkbox"/>
Border	<input type="radio"/> On <input checked="" type="radio"/> Off
Control Connection	<input checked="" type="radio"/> On <input type="radio"/> Off
Maximum Control Connections	<input type="text" value="0"/>
vBond as Stun Server	<input checked="" type="checkbox"/> <input type="radio"/> On <input checked="" type="radio"/> Off
Exclude Controller Group List	<input checked="" type="checkbox"/>
vManage Connection Preference	<input checked="" type="checkbox"/> 5
Port Hop	<input checked="" type="checkbox"/> <input checked="" type="radio"/> On <input type="radio"/> Off
Low-Bandwidth Link	<input checked="" type="checkbox"/> <input type="radio"/> On <input checked="" type="radio"/> Off

- C.
- D.

**TUNNEL**

Tunnel Interface ☒ On ☐ Off

Color ☐ mpls

**Restrict** ☒ On ☐ Off

Groups ☒

Border ☒ On ☒ Off

Control Connection ☒ On ☐ Off

Maximum Control Connections ☒

vBond as Stun Server ☒ On ☒ Off

Exclude Controller Group List ☒

vManage Connection Preference ☒ 5

Port Hop ☒ On ☐ Off

Low-Bandwidth Link ☒ On ☒ Off

Answer: A

#### NEW QUESTION # 55

What is the purpose of "vpn 0" in the configuration template when onboarding a WAN edge node?

- A. It carries control out-of-band network management traffic among the Viptela devices in the overlay network.
- B. It carries control traffic over secure IPsec connections between vSmart controllers and vEdge routers, and between vSmart and vBond
- C. It carries control traffic over secure IPsec connections between vSmart controllers and vEdge routers, and between vSmart and vManager
- D. It carries control traffic over secure DTLS or TLS connections between vSmart controllers and vEdge routers, and between vSmart and vBond

Answer: D

Explanation:

- VPN 0 is the transport VPN. It carries control traffic over secure DTLS or TLS connections between vSmart controllers and vEdge routers, and between vSmart controllers and vBond orchestrators. Initially, VPN 0 contains all a device's interfaces except for the management interface, and all the interfaces are disabled. For the control plane to establish itself so that the overlay network can function, you must configure WAN transport interfaces in VPN 0.

### NEW QUESTION # 56

#### DRAG DROP

Drag and drop the actions from the left into the correct sequence on the right to create a data policy to direct traffic to the Internet exit.

Select and Place:

Apply data policy	Step 1
Enable NAT functionality	Step 2
Create centralized data policy	Step 3
Identify VPN and match criteria	Step 4

**Answer:**

Explanation:

Apply data policy	Create centralized data policy
Enable NAT functionality	Identify VPN and match criteria
Create centralized data policy	Enable NAT functionality
Identify VPN and match criteria	Apply data policy

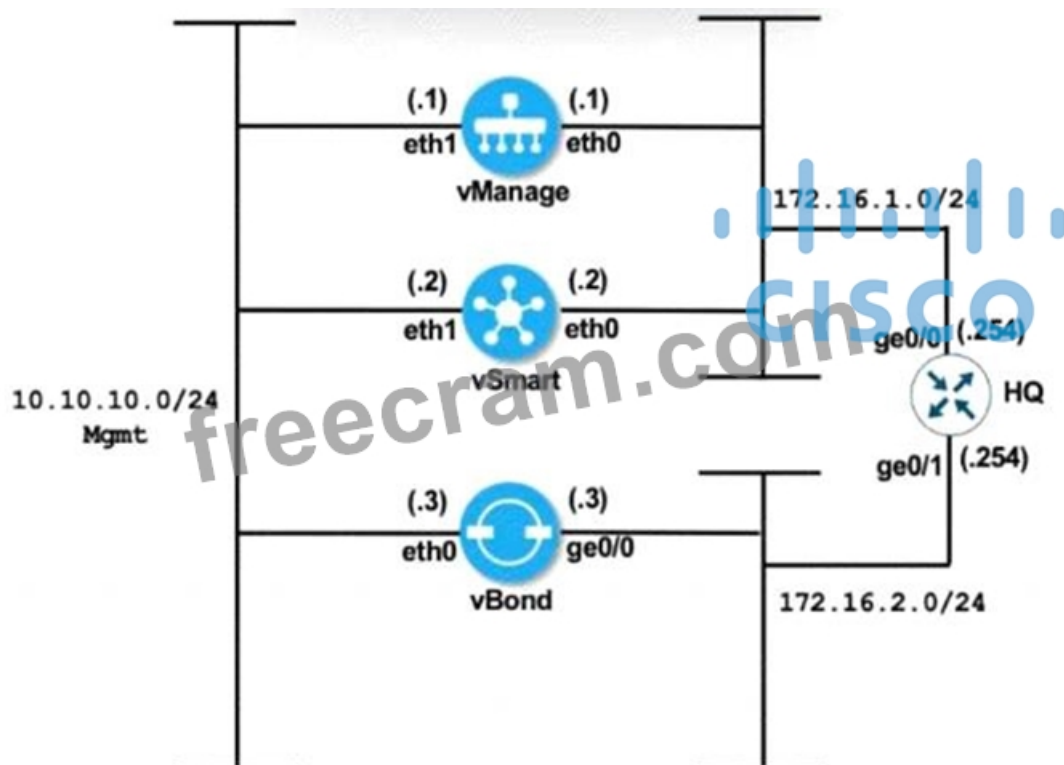
Section: Policies

Explanation/Reference: <https://www.cisco.com/c/en/us/td/docs/routers/sdwan/configuration/policies/vedge/policies-book/vEdge-as-NAT-device.html>

### NEW QUESTION # 57

Refer to the exhibit.





vManage	vBond
<pre> system   system-ip 10.10.10.101   host-name vManage   site-id 1   clock timezone Europe/London   vbond 172.16.2.1   organization-name Cisco.com ! vpn 0   interface eth1     ip address 172.16.1.1/24     no shut     tunnel-interface     allow-service all   ip route 0.0.0.0/0 172.16.1.254 ! commit </pre>	<pre> system   system-ip 10.10.10.103   host-name vBond   site-id 1   clock timezone Europe/Rome   vbond 172.16.2.1 local   organization-name Cisco.com ! vpn 0   interface ge0/0     ip address 172.16.2.1/24     no shut     tunnel-interface     encapsulation ipsec     allow-service all   ip route 0.0.0.0/0 172.16.1.254 ! commit </pre>

vManage and vBond have an issue establishing a connection to each other. Which configuration resolves the issue?

- A. Remove the encapsulation ipsec command under the tunnel interface of vBond.
- B. Configure the timezone on vBond to Europe/London.
- C. Configure the encapsulation ipsec command under the tunnel interface on vManage.
- **D. Configure a default route on vBond pointing to 172.16.2.254.**

**Answer: D**

#### NEW QUESTION # 58

If Smart Account Sync is not used, which Cisco SD-WAN component Is used to upload an authorized serial number file?

- A. WAN Edge
- **B. vManage**
- C. vSmart

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