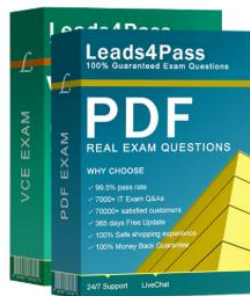


<https://www.leads4pass.com/300-415.html>

Home > Cisco > CCNP Enterprise > 300-415



Cisco 300-415 Exam Preparation Materials

Vendor: Cisco

Exam Code: 300-415

Exam Name: Implementing and Verifying Cisco SD-WAN (ENSDWI)

Certification: CCNP

Total Questions: 498 Q&A ([View Details](#))

Updated on: Jan 24, 2026

Note: Product instant download. Please sign in and click My account to download your product.

Single & Multiple Choice: 473

Drag Drop: 22

Simulation Labs: 3

Question 1:

The network administrator is configuring a QoS scheduling policy on traffic received from transport side tunnels on WAN Edge 5000 routers at location 406141498 Which command must be configured on these devices?

- A. cloud-qos
- B. service qos
- C. cloud-mis qos
- D. mis qos

Correct Answer: A

Question 2:

How must the application-aware enterprise firewall policies be applied within the same WAN Edge router?

- A. within zone pair
- B. within and between zones
- C. between two VPN tunnels
- D. between two VRFs

Correct Answer: B

Zones in this context refer to logical groupings of network interfaces or subnets on the WAN Edge router. By applying firewall policies within a zone, you control the traffic within that zone, and by applying policies between zones, you can control the traffic that flows between different zones. This allows for fine-grained control over network traffic and security.

Question 3:

What is the BFD multiplier in application-aware routing?

- A. 6
- B. 7
- C. 8
- D. 9

Correct Answer: B

Question 4:

Which Cisco SD-WAN configuration provides the advantages of day-zero deployment and reusable configuration components?

- A. configuration groups
- B. configuration via the vBond controller
- C. configuration through a Cisco Prime server
- D. CLI-based templates

Correct Answer: A

Question 5:

An engineer is configuring a list that matches all IP prefixes with lengths from /1 to /16 in a centralized control policy. Which list accomplishes this task?

- A. 0.0.0.0/1 le 16
- B. 0.0.0.0/0 ge 1
- C. 0.0.0.0/0 le 16
- D. 0.0.0.0/16 ge 1

Correct Answer: A

0.0.0.0/0 le length - Match any IP prefix whose length is less than or equal to length. For example, ip-prefix 0.0.0.0/0 le 16 matches all IP prefixes with lengths from /1 through /16.

Question 6:

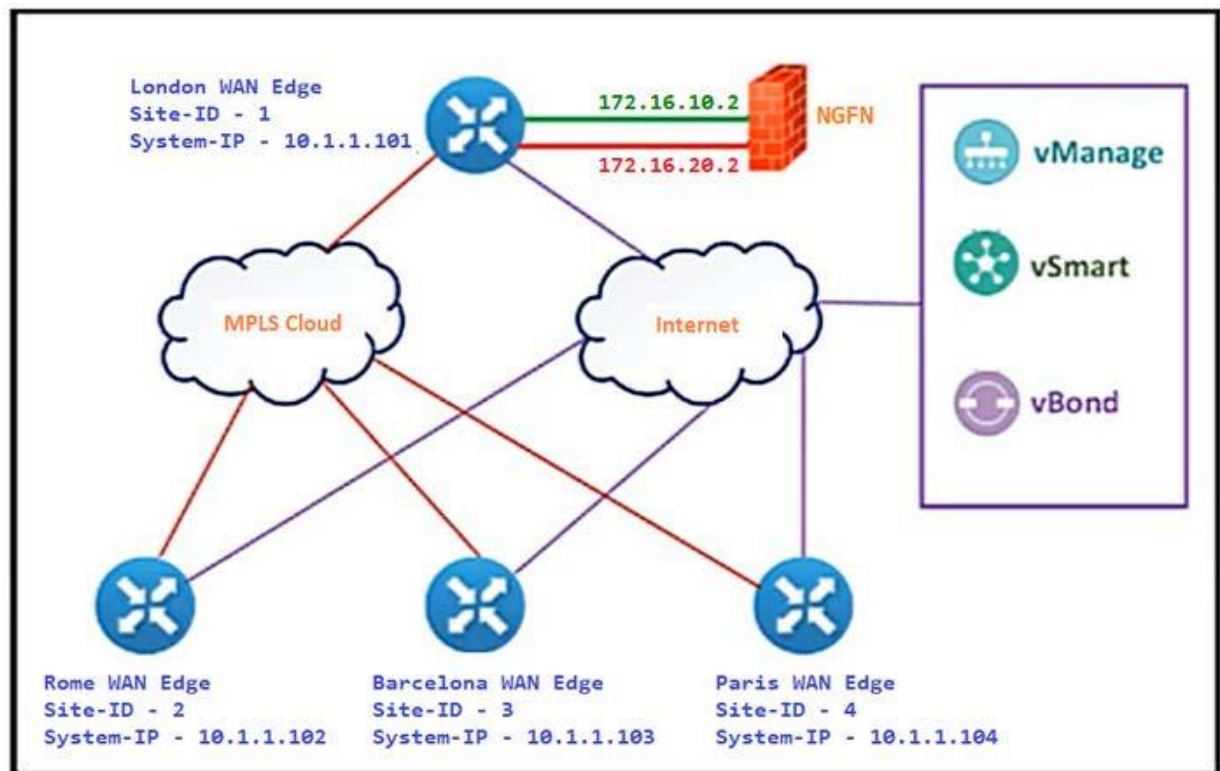
An engineer is adding a tenant with location ID 123456789 in vManage. What is the maximum number of alphanumeric characters that is accepted in the tenant name field?

- A. 64
- B. 128
- C. 256
- D. 8

Correct Answer: B

Question 7:

Refer to the exhibit.



The Cisco SD-WAN is deployed using the default topology. The engineer wants to configure a service insertion policy such that all data traffic between Rome to Paris is forwarded through the NGFW located in London. Which configuration fulfills this requirement, assuming that the Service VPN ID is 1?

A.

London WAN Edge

vpn 1

service netsvc1 address 172.16.10.2

service netsvc2 address 172.16.20.2

vSmart Policy

policy

lists

site-list ROME

site-id 2

site-list PARIS

site-id 4

control-policy NGFW-SI

sequence 1

match route

site-id ROME

action accept

sequence 2

match route

site-id PARIS

action accept

default-action accept

!

apply-policy

site-list ROME control-policy NGFW-SI out

B.

ROME WAN Edge

service FW address 10.1.1.101

PARIS WAN Edge

service FW address 10.1.1.101

vSmart Policy

policy

lists

site-list ROME

site-id 2

site-list PARIS

site-id 4

control-policy NGFW-SI

C.

London WAN Edge

vpn 1

service netsvc1 address 172.16.10.2

service netsvc2 address 172.16.20.2

vSmart Policy

policy

lists

site-list ROME

site-id 2

site-list PARIS

site-id 4

control-policy NGFW-SI

sequence 1

match route

site-id ROME

action accept

set service netsvc1 vpn 1

sequence 2

match route

site-id PARIS

action accept

set service netsvc2 vpn 1

default-action accept

!

apply-policy

site-list ROME

control-policy NGFW-SI out

!

site-list PARIS

control-policy NGFW-SI out

D.

ROME WAN Edge

service FW address 10.1.1.101

PARIS WAN Edge

service FW address 10.1.1.101

vSmart Policy

policy

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

Correct Answer: C

Question 8:

What is a requirement for deployment of on-premises vBond controllers through the Cisco Plug and Play Connect process?

- A. a defined controller profile
- B. a DNS name that identifies vBond
- C. Internet connectivity from vManage
- D. a CSV file that contains all controllers

Correct Answer: B

Question 9:

Which two requirements must be met for DNS inspection when integrating with Cisco Umbrella? (Choose two.)

- A. Attach security policy to the device template.
- B. Create and attach a System feature template with the Umbrella registration credentials.
- C. Register and configure the vManage public IP and serial number in the Umbrella portal.
- D. Upload the WAN Edge serial allow list to the Umbrella portal.
- E. Configure the Umbrella token on the vManage.

Correct Answer: AE

<https://www.connection.com/~media/pdfs/brands/c/cisco/security/cnrxn-cisco-sd-wan-and-umbrella.pdf?la=en>

Question 10:

An administrator wants to create a policy to add a traffic policer called "politer-ccnp" to police data traffic on the WAN Edge.

Which configuration accomplishes this task in vSmart?

- A.

```
vpn 1
interface ge 0/4
policer policer-ccnp in
```
- B.

```
policy
data-policy policy-ccnp
vpn-list list-ccnp
sequence number
action accept
set policer policer-ccnp
```
- C.

```
policy
access-list list-ccnp
sequence number
action accept
policer policer-ccnp
```
- D.

```
vpn 1
interface ge 0/4
policer policer-ccnp out
```

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

Correct Answer: B

The correct syntax is to Apply a Policer in Centralized Data Policy

On vSmart controllers only. policy data-policy policy-name vpn-list list-name sequence number action accept

set policer policer-name

Question 11:

Refer to the exhibit.

```
from-vsmart data-policy_1_ServiceInsertionIPSec
direction from-service
vpn-list 1
  sequence 1
  match destination-ip 64.102.6.247/32
  action accept
  set
  service netsvc1
  service local
  default-action accept
```

Which configuration configures IPsec tunnels in active and standby?

- A. `vpn 1`
`service netsvcl interface ipsec1 ipsec2`

`vpn-list 1`
`count ServicePSec1_275676046`
`from-vsmart lists vpn-list 1`
`vpn 1`
- B. `vpn 0`
`service netsvcl interface ipsec1 ipsec2`

`from-vsmart lists vpn-list 0`
`vpn 0`
- C. `vpn 1`
`service netsvcl interface ipsec1 ipsec2`

`from-vsmart lists vpn-list 1`
`vpn 1`
- D. `vpn 0`
`service netsvcl interface ipsec1 ipsec2`

`vpn-list 1`
`count ServicePSec1_275676046`
`from-vsmart lists vpn-list 0`
`vpn 0`

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

Correct Answer: C

Question 12:

Which protocol advertises WAN Edge routes on the service side?

- A. OSPF
- B. BGP
- C. ISIS

D. EIGRP

Correct Answer: A

OMP automatically redistributes the following types of routes that it learns either locally or from its routing peers:

1.

Connected

2.

Static

3.

OSPF intra-area routes

4.

OSPF interarea routes

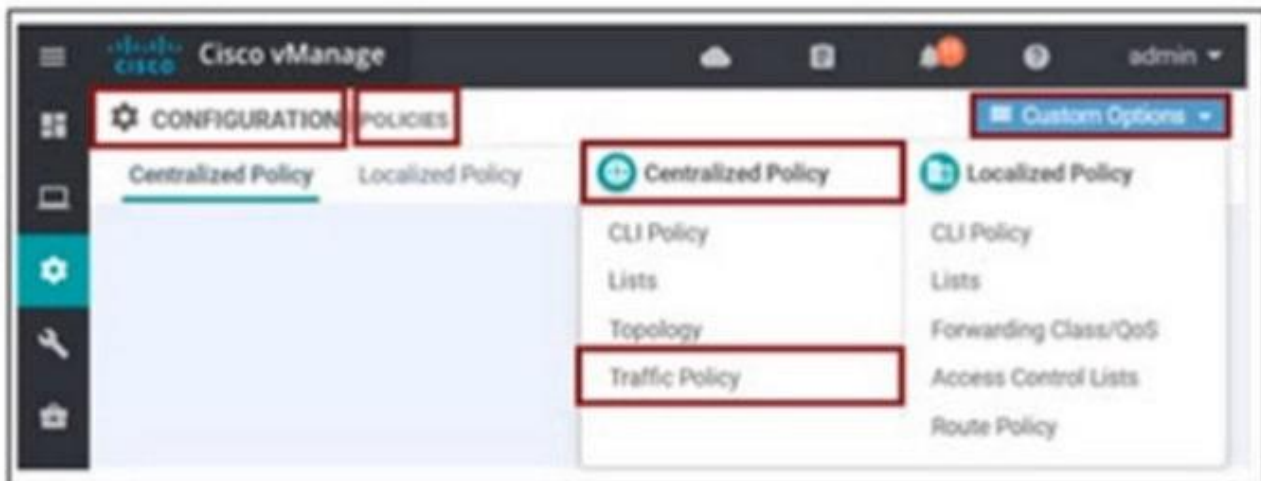
All other routing protocols require explicit configuration to enable redistribution.

Question 13:

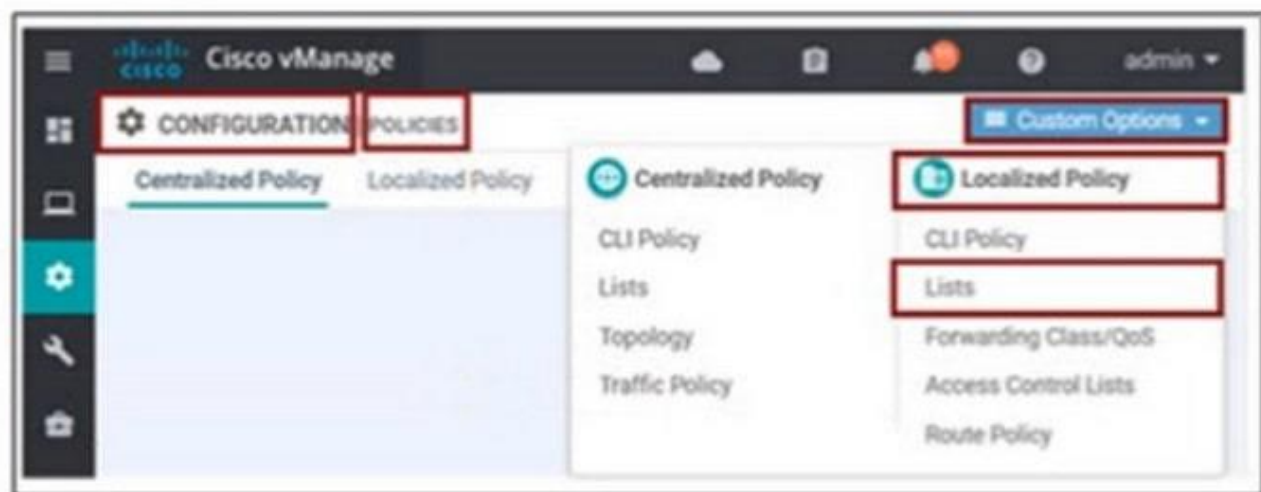
An engineer must create a QoS policy by creating a class map and assigning it to the LLQ queue on a WAN Edge router.

Which configuration accomplishes the task?

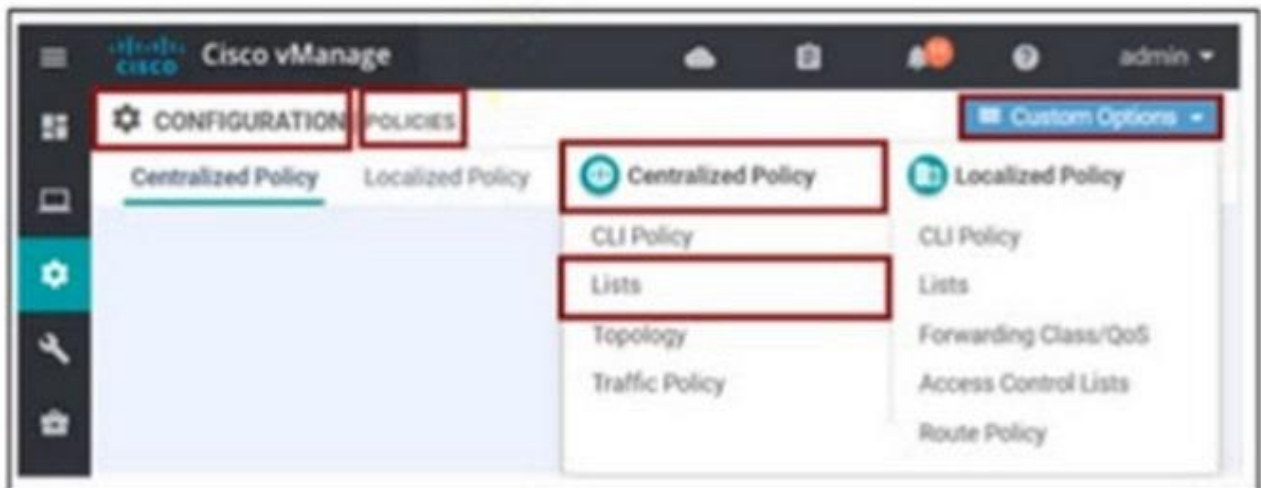
A.



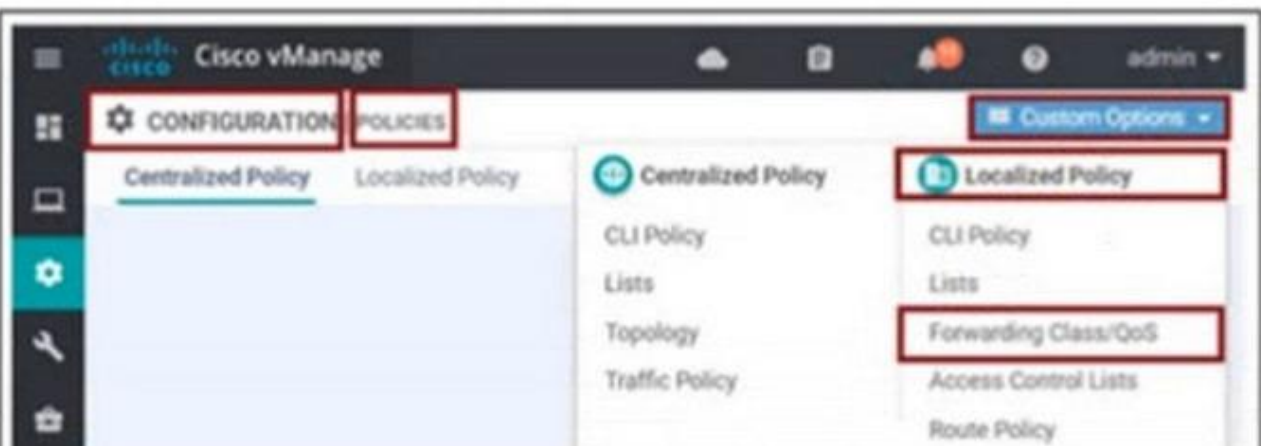
B.



C.



D.



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

Correct Answer: D

Question 14:

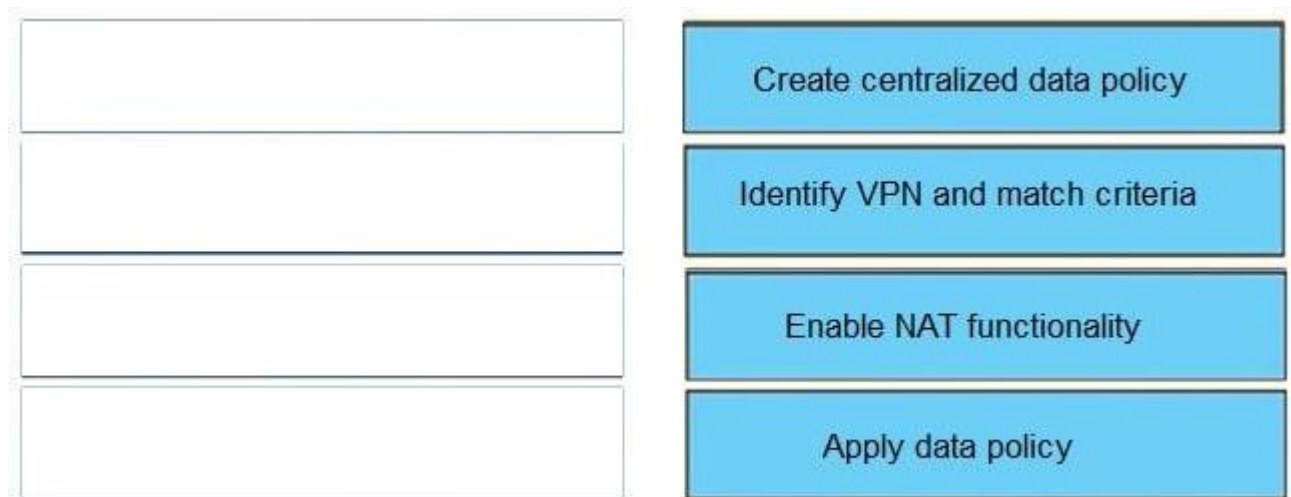
DRAG DROP

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

Correct Answer:



Reference:

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

Question 15:

Which port is used for vBond under controller certificates if no alternate port is configured?

- A. 12345
- B. 12347
- C. 12346
- D. 12344

Correct Answer: C