



Free Questions for 300-415

Shared by Arnold on 09-08-2024

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Question 1

Question Type: MultipleChoice

Refer to the exhibit.

The screenshot shows a configuration window for a policy named 'eBGP_Community_Policy'. The settings are as follows:

- Address Family:** Set to 'On' (radio button selected).
- Address Family:** Set to 'ipv4-unicast' (dropdown menu).
- Maximum Number of Prefixes:** Set to a value (dropdown menu).
- Route Policy In:** Set to 'Off' (radio button selected).
- Route Policy Out:** Set to 'On' (radio button selected).
- Policy Name:** Set to 'eBGP_Community_Policy' (text input).

Refer to the exhibit The engineering must assign tags to 3 Of its 74 server networks as soon as they are advertised to peers These server network must not be advertised AS which configuration fulfil the requirement?

A)

```

policy
route-policy eBGP_Community_Policy
sequence 1
match
address Community_Prefix
action accept
set
community 999:65000 no-advertise
default-action reject
lists
prefix-list Community_Prefix
ip-prefix 20.20.20.0/24
ip-prefix 21.21.21.0/24
ip-prefix 22.22.22.0/24

```

B)

```

policy
route-policy eBGP_Community_Policy
sequence 1
match
address Community_Prefix
action accept
set
community 999:65000 local-as
default-action reject
lists
prefix-list Community_Prefix
ip-prefix 20.20.20.0/24
ip-prefix 21.21.21.0/24
ip-prefix 22.22.22.0/24

```

C)

```

policy
route-policy eBGP_Community_Policy
sequence 1
match
address Community_Prefix
action accept
set
community 999:65000 no-export
default-action accept
lists
prefix-list Community_Prefix
ip-prefix 20.20.20.0/24
ip-prefix 21.21.21.0/24
ip-prefix 22.22.22.0/24

```

D)

```

policy
route-policy eBGP_Community_Policy
sequence 1
match
address Community_Prefix
action accept
set
community 999:65000 no-advertise
default-action accept
lists
prefix-list Community_Prefix
ip-prefix 20.20.20.0/24
ip-prefix 21.21.21.0/24
ip-prefix 22.22.22.0/24

```

Options:

- A- Option A
- B- Option B
- C- Option C

D- Option D

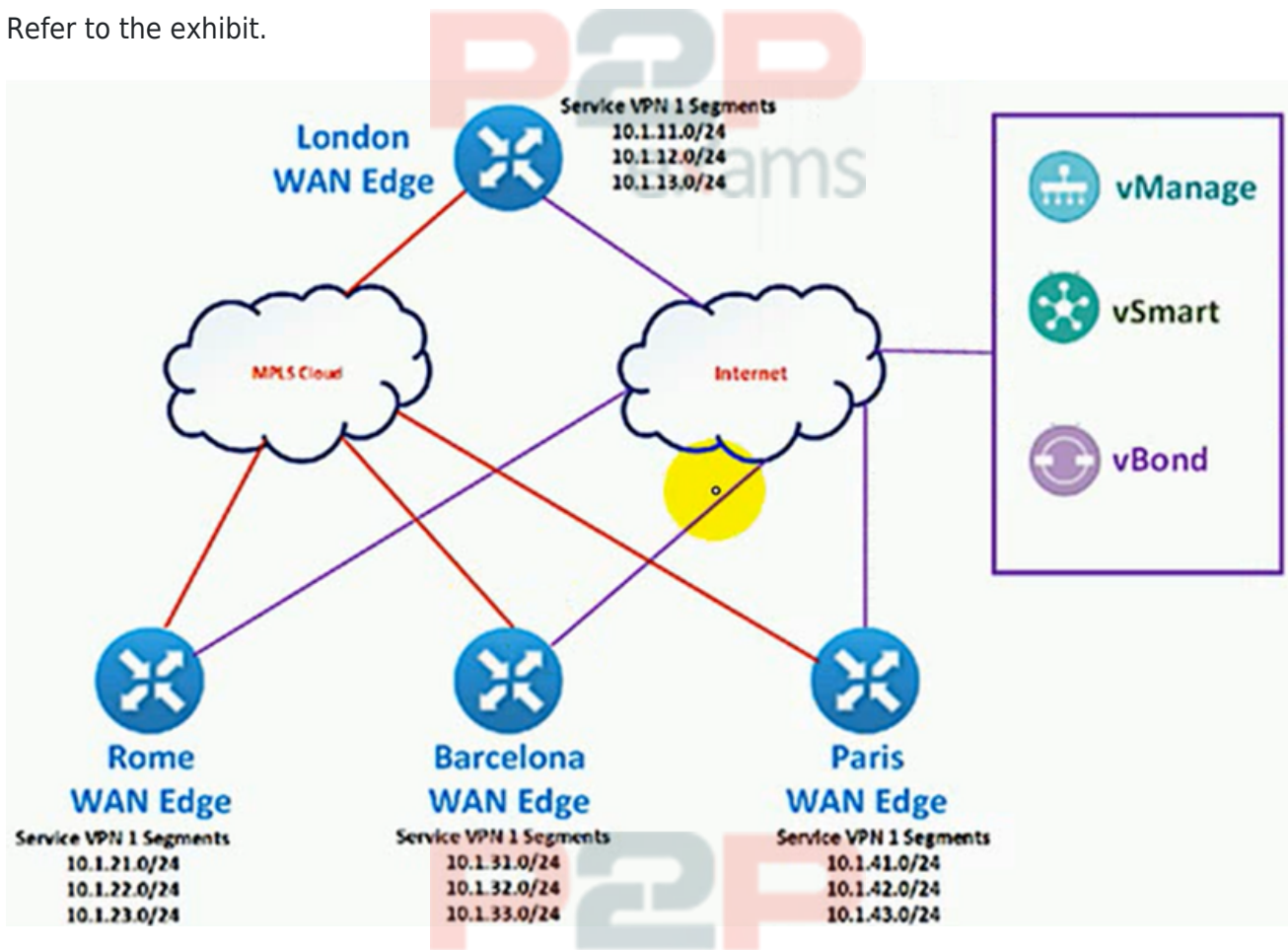
Answer:

D

Question 2

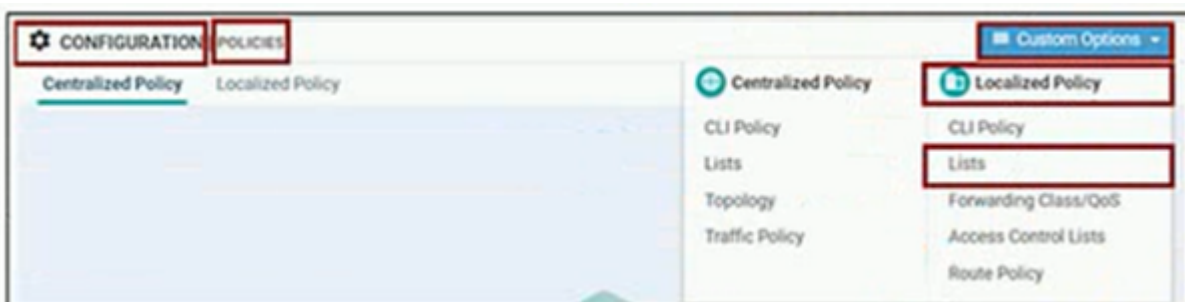
Question Type: MultipleChoice

Refer to the exhibit.

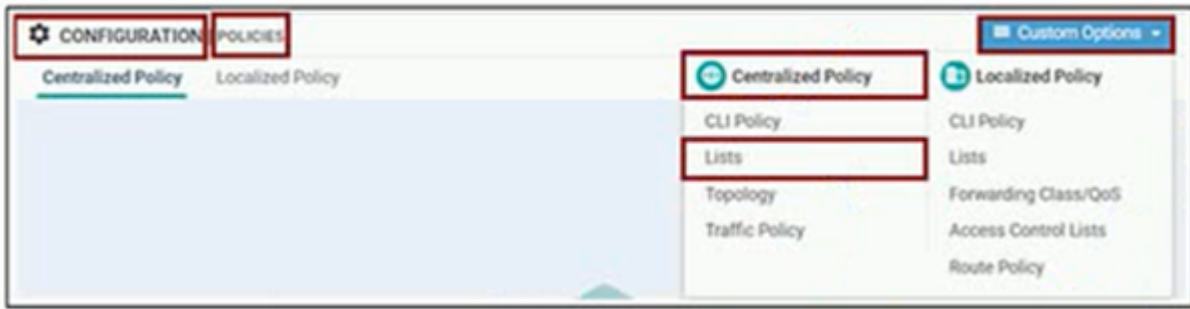


The Cisco SD-WAN network is configured with a default full-mesh topology. An engineer wants Paris WAN Edge to use the Internet HOC as the preferred TLOC for MSN Messenger and AOL Messenger traffic. Which policy achieves this goal?

A)



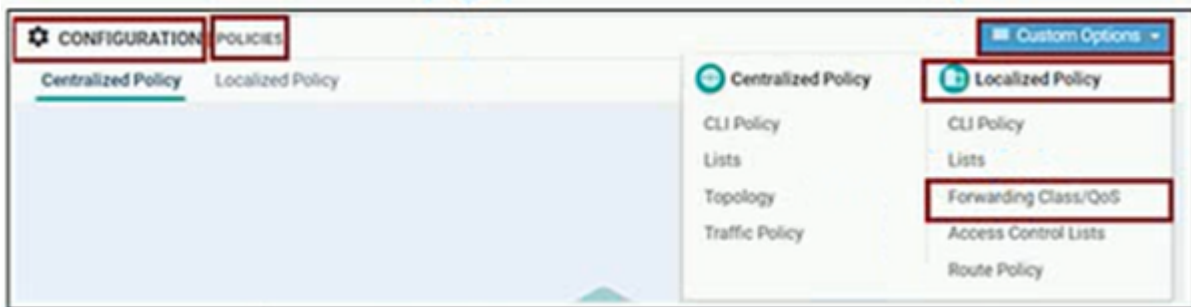
B)



C)



D)



Options:

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

Answer:

A

Question 3

Question Type: MultipleChoice

What are two benefits of installing Cisco SD-WAN controllers on cloud-hosted services? (Choose two.)

Options:

- A- utilizes well-known cloud services such as Azure, AWS, and GCP
- B- accelerates Cisco SD-WAN deployment
- C- allows integration of the WAN Edge devices in the cloud
- D- installs the controllers in two cloud regions in a primary and backup setup
- E- automatically implements zone-based firewalling on the controllers

Answer:

B, D

Question 4

Question Type: MultipleChoice

Which two metrics must a cloud Edge router use to pick the optimal path for a SaaS application reachable via a gateway site? (Choose two.)

Options:

- A- HTTP loss and latency metrics to the SaaS application
- B- ICMP loss and latency metrics to the SaaS application
- C- BFD loss and latency metrics to the gateway site
- D- BFD loss and latency metrics to the SaaS application
- E- HTTP loss and latency metrics to the gateway site

Answer:

A, C

Explanation:

-The gateway vEdge uses HTTP to obtain SaaS application performance information - The client vEdge will use BFD over the IPsec tunnel to the gateway site to obtain client>gateway path performance information

<https://www.cisco.com/c/dam/en/us/td/docs/solutions/CVD/SDWAN/CVD-SD-WAN-Cloud-onRamp-f>

Question 5

Question Type: MultipleChoice

Which control policy assigned to Drenches in the out direction establishes a strict hub-and-spoke topology for VPN2?

A)

```
policy
lists
vpn-list VPN2
vpn 2
!
site-list hub_sites
site-id 1-2
!
!
control-policy vpn_multi-topology
sequence 10
match route
site-list hub_sites
vpn-list VPN2
!
action accept
!
sequence 20
match route
vpn-list VPN2
!
action reject
!
default-action accept
```



B)

```
policy
lists
vpn-list VPN2
vpn 2
!
site-list hub_sites
site-id 1-2
!
!
control-policy vpn_multi-topology
sequence 10
match route
site-list branch_sites
vpn-list VPN2
!
action accept
set
tloc 1.1.1.1 color red
!
!
default-action accept
```



C)

```

policy
lists
vpn-list VPN2
!
site-list
site-id hub_sites
!
!
control-policy vpn_multi-topology
sequence 10
match route
site-list hub_sites
vpn-list VPN2
!
action
!
!
sequence 20
!
!
action
!
!
default-action accept

```

D)

```

policy
lists
vpn-list VPN2
vpn 2
!
site-list branch_sites
site-id 1-100
!
!
control-policy vpn_multi-topology
sequence 10
match route
site-list branch_sites
vpn-list VPN2
!
action accept
set
tloc 100.1.1.1 color mpls
!
!
!
default-action accept

```

Options:

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

Answer:

A

Explanation:

To establish a strict hub-and-spoke topology in Cisco SD-WAN for a specific VPN, such as VPN2, a control policy must be configured. This control policy dictates how traffic flows between sites, ensuring that all branch traffic is routed through the hub site.

1.Control Policy Components:

oSite Lists: Define which sites are considered hubs and which are branches.

oVPN Lists: Identify the VPNs to which the policy applies.

oControl Policy: Use sequences to match routes and specify actions to accept or reject traffic based on the defined topology.

1.Policy Analysis:

oOption A: Correctly defines site lists for hub sites (site-id 1-2) and creates a control policy that matches routes for VPN2, accepting routes from hub sites and rejecting routes from others. This ensures that traffic from branches (other sites) is only accepted if it routes through the hubs.

oOther options either incorrectly define the site lists or do not properly match and set the routes to enforce the strict hub-and-spoke topology.

1.Policy Configuration:

```
policy
```

```
lists
```

```
vpn-list VPN2
```

```
vpn 2
```

```
site-list hub_sites
```

```
site-id 1-2
```

```
!
```

```
control-policy vpn_multi_topology
```

```
sequence 10
```

```
match route
```

```
site-list hub_sites
```

```
vpn-list VPN2
```

```
!
```

```
action accept
```

```
!
```

```
sequence 20
```

```
match route
```

vpn-list VPN2

!

action reject

!

default-action accept

1.Reference:

oCisco SD-WAN Control Policy Configuration Guide

oCisco SD-WAN Hub-and-Spoke Topology Deployment Guide

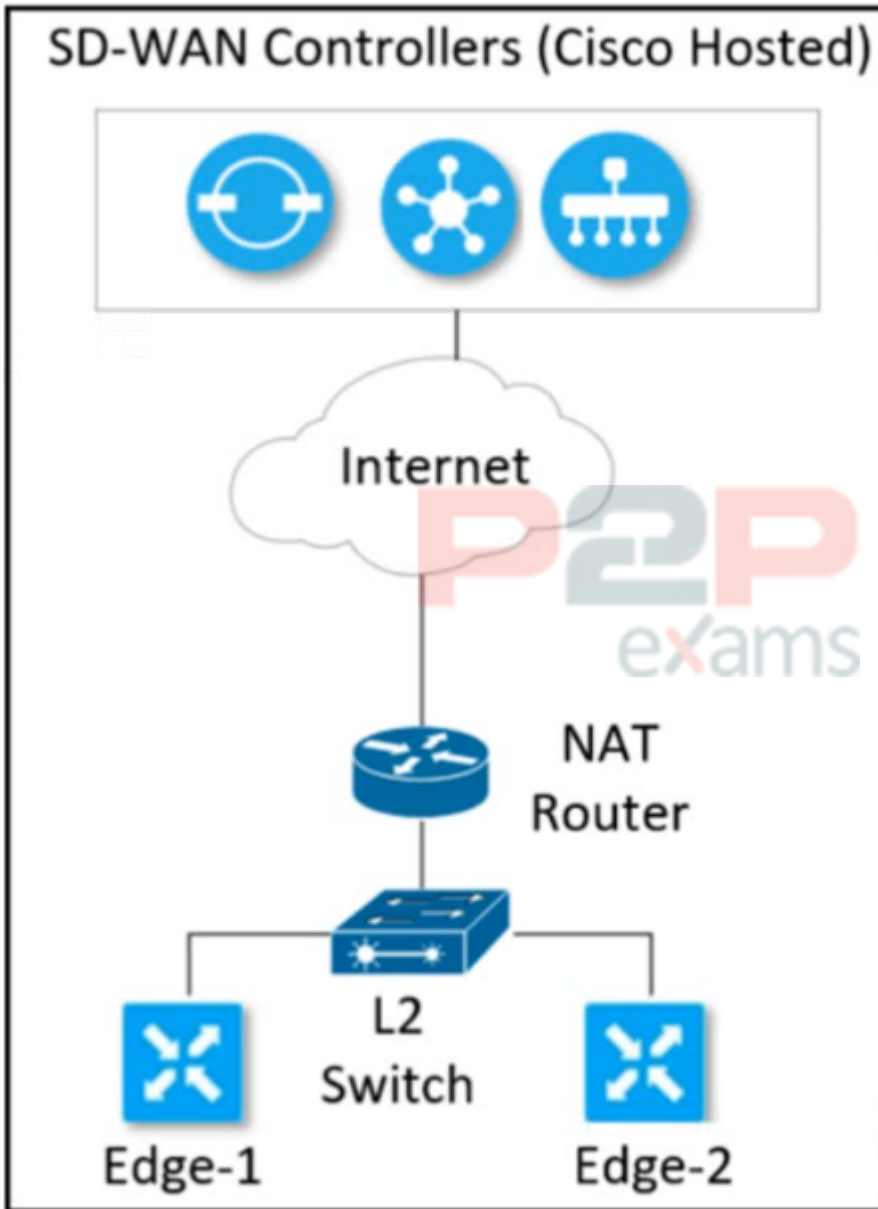


Question 6

Question Type: MultipleChoice

Refer to the exhibit.





Refer to the exhibit Which configuration must the engineer use to form underlay connectivity for the Cisco SD-WAN network?

A)

```
R1
vpn 512
interface eth0
ip address 10.0.0.21/24
no shutdown
!
ip route 0.0.0.0/0 10.0.0.254
```

```
R2
vpn 512
interface eth0
ip address 10.0.0.2/24
no shutdown
!
ip route 0.0.0.0/0 10.0.0.254
```

B)

```
R1
vpn 10
interface ge0/2
ip address 10.10.10.9/29
no shutdown
!
ip route 0.0.0.0/0 10.10.10.11
```

```
R2
vpn 10
interface ge0/2
ip address 10.10.10.10/29
no shutdown
!
ip route 0.0.0.0/0 10.10.10.11
```



C)

```
R1
vpn 0
interface 10ge0/0
ip address 10.50.0.2/29
no shutdown
!
ip route 0.0.0.0/0 10.50.0.3
```

```
R2
vpn 0
interface 10ge0/0
ip address 10.50.0.1/29
no shutdown
!
ip route 0.0.0.0/0 10.50.0.3
```

D)

```
R1
vpn 0
interface ge0/0
ip address 10.50.0.2/30
tunnel-interface
!
ip route 0.0.0.0/0 10.50.0.4
```

```
R2
vpn 0
interface ge0/0
ip address 10.50.0.3/30
tunnel-interface
!
ip route 0.0.0.0/0 10.50.0.4
```



Options:

- A- Option A
- B- Option B
- C- Option C

D- Option D

Answer:

C



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