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Question 1

Question Type: MultipleChoice

Refer to the exhibit

A)

```
policy
route-policy BGP-AS-PREPEND
sequence 10
action accept
set
  as-path prepend 10, 20
!
default-action accept

vpn 10
router
ospf
  route-policy BG-AS-PREPEND in
```

B)

```
policy
route-policy BGP-AS-PREPEND
sequence 10
action accept
set
as-path prepend 10, 20
!
default-action accept

vpn 10
router
ospf
route-policy BG-AS-PREPEND in
```

C)

```
policy
route-policy BGP-AS-PREPEND
sequence 10
action accept
set
as-path prepend 10, 20
!
default-action accept

vpn 10
router
bgp
route-policy BG-AS-PREPEND out
```

D)

```
policy
route-policy BGP-AS-PREPEND
sequence 10
action deny
set
  as-path prepend 10, 20
!
default-action accept

vpn 10
router
bgp
  route-policy BG-AS-PREPEND out
```

Options:

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

Answer:

C

Question 2

Question Type: MultipleChoice

How many subnets are necessary in Azure VNet for a WAN Edge device to function in the cloud deployment?

Options:

- A-** CSR is the WAN Edge device that is supported in the Microsoft cloud. The Microsoft underlay cloud fabric performs the management function.
- B-** There must be three subnets in VNet: management, public, and services.
- C-** One public subnet is required in VNet. The Microsoft underlay cloud fabric performs all of the routing functions for WAN Edge.
- D-** Public and services subnets are required in VNet. The Microsoft underlay cloud fabric performs the management function.

Answer:

D

Question 3

Question Type: MultipleChoice

Which two sets of identifiers does OMP carry when it advertises TLOC routes between WAN Edge routers? (Choose two.)

Options:

- A- TLOC public and private address, carrier, and preference
- B- source and destination IP address, MAC, and site ID
- C- system IP address, link color, and encapsulation
- D- VPN ID, local site network, and BGP next-hop IP address
- E- TLOC public and private address, tunnel ID, and performance

Answer:

A, C

Question 4

Question Type: MultipleChoice

Refer to the exhibit.

```
vEdge1# show control connections
```

PEER TYPE	PEER PROT	PEER SYSTEM IP	SITE ID	DOMAIN ID	PEER PRIVATE IP	PEER PORT	PEER PUBLIC IP	
vsmart	dtls	10.2.2.2	1	1	10.50.0.5	12446	10.50.0.5	
vsmart	dtls	10.2.2.2	1	1	10.50.0.5	12446	10.50.0.5	
vbond	dtls	0.0.0.0	0	0	10.50.0.9	12346	10.50.0.9	
vbond	dtls	0.0.0.0	0	0	10.50.0.9	12346	10.50.0.9	up
vmanage	dtls	10.1.1.1	1	0	10.50.0.1	12446	10.50.0.1	

An organization is testing a Cisco SD-WAN solution and decided to have the control plane established first and not the data plane at the time of migration. Which configuration achieves this goal?

CONFIGURATION | CERTIFICATES

WAN Edge List Controllers

[Send to Controllers](#) Click **Send to Controllers** to sync the WAN Edge list on all controllers

Search Options Total Rows: 20

State	Device Model	Chassis Number	Hostname	IP Address	Serial No./Token	Validate		
	vEdge Cloud	9a0cfea0-a463-7dec-c5...	vEdge1	10.10.10.1	BC42AE30	Invalid	Staging	Valid
	vEdge Cloud	cc5daa8e-9bb1-7c9d-f5...	vEdge2	10.10.10.2	E1F0754E	Invalid	Staging	Valid
	vEdge Cloud	d7b14bb6-f718-b111-8...	vEdge3	10.10.10.3	F5DA0A8D	Invalid	Staging	Valid
	vEdge Cloud	92b4f92b-daff-7ce2-c3...	vEdge4	10.10.10.4	BD992059	Invalid	Staging	Valid
	vEdge Cloud	0183a420-e93e-41f7-4f...	vEdge5	10.10.10.5	FA460EE6	Invalid	Staging	Valid

A.

CONFIGURATION | DEVICES

WAN Edge List Controllers

[Change Mode](#) [Upload WAN Edge List](#) [Export Bootstrap Configuration](#) [Sync Smart Account](#)

[CLI mode](#) Search Options Total Rows: 20

[vManage mode](#)

State	Device Model	Chassis Number	Serial No./Token	Hostname	System IP	Site ID	Mode
	vEdge Cloud	9a0cfea0-a463-7dec-c586-857d29cd54e	BC42AE30	vEdge1	10.10.10.1	1	vManage
	vEdge Cloud	cc5daa8e-9bb1-7c9d-f545-1a9657a2bb6...	E1F0754E	vEdge2	10.10.10.2	2	vManage
	vEdge Cloud	d7b14bb6-f718-b111-86df-535f4c968a2	F5DA0A8D	vEdge3	10.10.10.3	3	vManage
	vEdge Cloud	92b4f92b-daff-7ce2-c3da-622673be0339	BD992059	vEdge4	10.10.10.4	4	vManage
	vEdge Cloud	0183a420-e93e-41f7-4f6c-f74bb8754881	FA460EE6	vEdge5	10.10.10.5	4	vManage

B.

C.

CONFIGURATION | CERTIFICATES

WAN Edge List Controllers

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Search Options

State	Device Model#	Chassis Number	Hostname	IP Address	Serial No./Token	Validate
	vEdge Cloud	9a0cfea0-a463-7dec-c5...	vEdge1	10.10.10.1	BC42AE30	Invalid Staging Valid
	vEdge Cloud	cc5daa8e-9bb1-7c9d-f5...	vEdge2	10.10.10.2	E1F0754E	Invalid Staging Valid
	vEdge Cloud	d7b14bb6-f718-b111-8...	vEdge3	10.10.10.3	F5DA0A8D	Invalid Staging Valid
	vEdge Cloud	92b4f92b-daff-7ce2-c3...	vEdge4	10.10.10.4	BD992059	Invalid Staging Valid
	vEdge Cloud	0183a420-e93e-41f7-6f...	vEdge5	10.10.10.5	FA460EE6	Invalid Staging Valid

D.

CONFIGURATION | CERTIFICATES

WAN Edge List Controllers

[Send to Controllers](#) Click **Send to Controllers** to sync the WAN Edge list on all controllers

Search Options

Total Rows: 20

State	Device Model#	Chassis Number	Hostname	IP Address	Serial No./Token	Validate
	vEdge Cloud	9a0cfea0-a463-7dec-c5...	vEdge1	10.10.10.1	BC42AE30	Invalid Staging Valid
	vEdge Cloud	cc5daa8e-9bb1-7c9d-f5...	vEdge2	10.10.10.2	E1F0754E	Invalid Staging Valid
	vEdge Cloud	d7b14bb6-f718-b111-8...	vEdge3	10.10.10.3	F5DA0A8D	Invalid Staging Valid
	vEdge Cloud	92b4f92b-daff-7ce2-c3...	vEdge4	10.10.10.4	BD992059	Invalid Staging Valid
	vEdge Cloud	0183a420-e93e-41f7-6f...	vEdge5	10.10.10.5	FA460EE6	Invalid Staging Valid

Options:

A- Option A

B- Option B

C- Option C

D- Option D

Answer:

A

Question 5

Question Type: MultipleChoice

Which policy tracks path characteristics such as loss, latency, and jitter in vManage?

Options:

A- VPN

B- control

C- app-route

D- data

Answer:

C

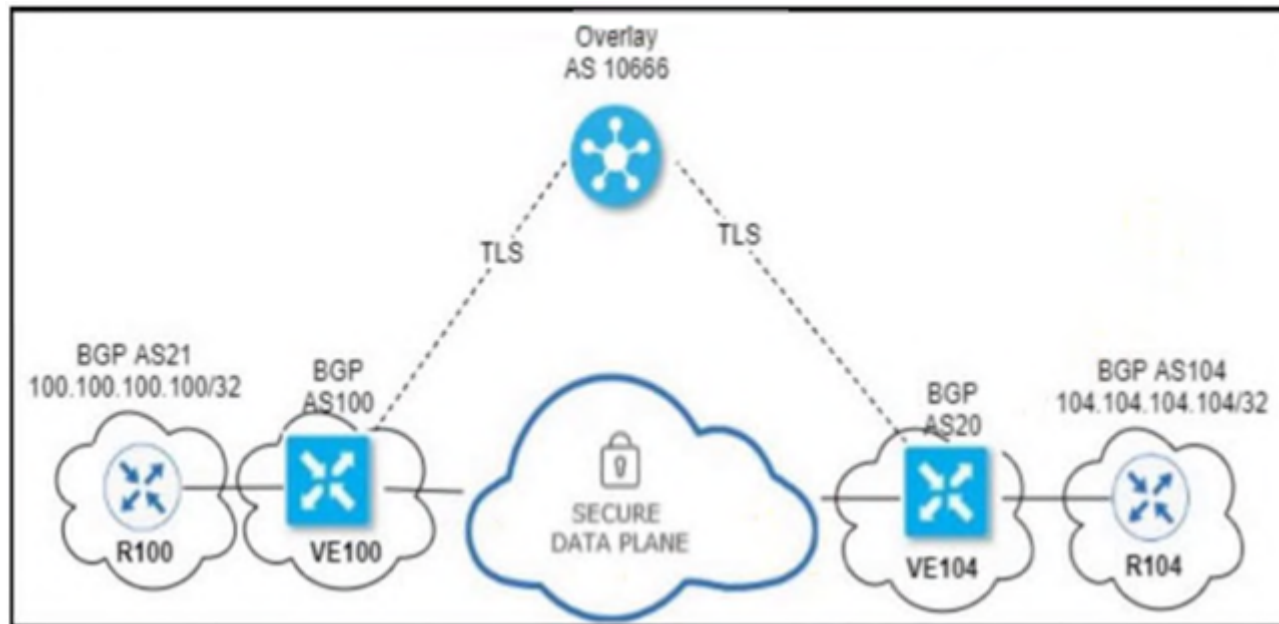
Explanation:

<https://www.cisco.com/c/en/us/td/docs/routers/sdwan/configuration/policies/ios-xe-17/policies-book-xe/application-aware-routing.html>

Question 6

Question Type: MultipleChoice

Refer to the exhibit.



An engineer configured OMP with an overlay-as of 10666. What is the AS-PATH for prefix 104.104.104.104/32 on R100?

Options:

- A- 100 10666
- B- 100 20 104
- C- 100 10666 20 104
- D- 100 10666 104

Answer:

A

Question 7

Question Type: MultipleChoice

Which table is used by the vSmart controller to maintain service routes of the WAN Edge routers in the hub and local branches?

Options:

A- RIB

B- FIB

C- OMP

D- TLOC

Answer:

C

Question 8

Question Type: MultipleChoice

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
```

Options:

A- Option A

B- Option B

C- Option C

D- Option D

Answer:

B

Question 9

Question Type: MultipleChoice

Which protocol is configured on tunnels by default to detect loss, latency, jitter, and path failures in Cisco SD-WAN?

Options:

A- TLS

B- BFD

C- OMP

D- BGP

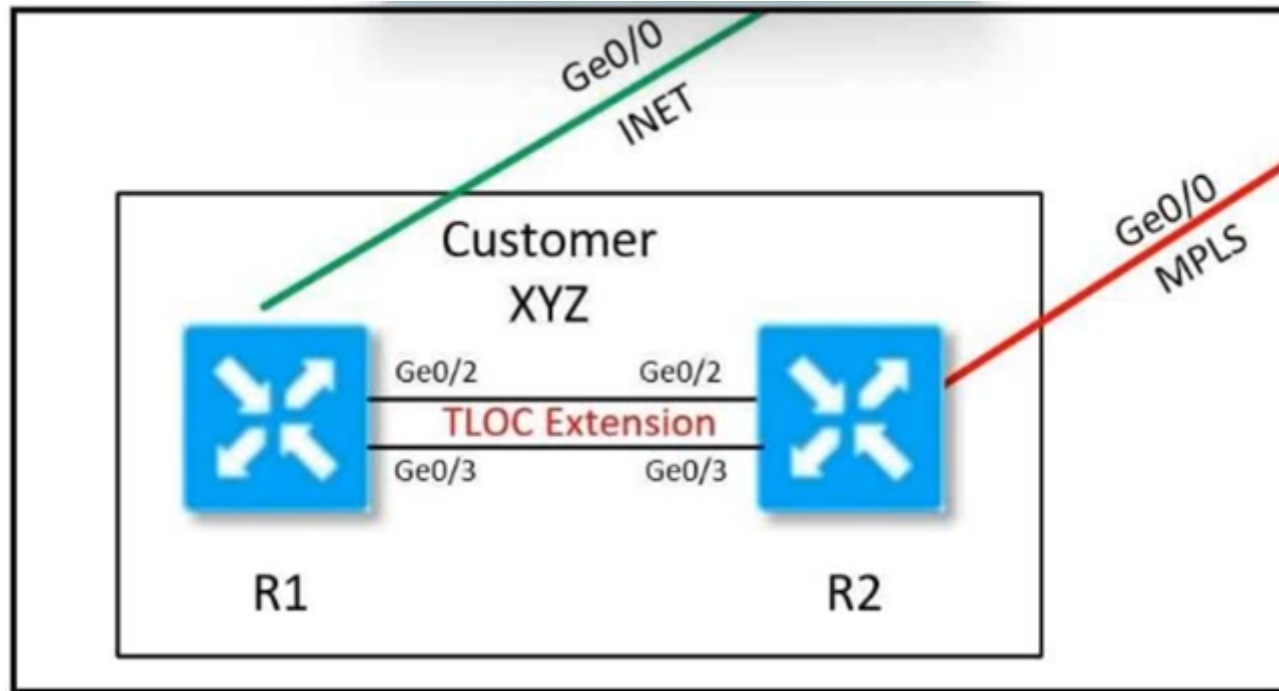
Answer:

B

Question 10

Question Type: MultipleChoice

Refer to the exhibit.



Customer XYZ cannot provision dual connectivity on both of its routers due to budget constraints but wants to use both R1 and R2 interfaces for users behind them for load balancing toward the hub site. Which configuration achieves this objective?

```
R1
interface ge0/2
 ip address 43.43.43.2/30
 tloc-extension ge0/0
```

```
interface ge0/3
 ip address 34.34.34.1/30
 tunnel-interface
 color mpls
```

A.

```
R2
interface ge0/2
 ip address 43.43.43.1/30
 tunnel-interface
 color public-internet
```

```
interface ge0/3
 ip address 34.34.34.2/30
 tloc-extension ge0/0
```

```
R1
interface ge0/2
 ip address 43.43.43.2/30
 tloc-extension ge0/0
```

```
interface ge0/3
 ip address 34.34.34.2/30
 tloc-extension ge0/0
```

B.

```
R2
interface ge0/2
 ip address 43.43.43.1/30
 tunnel-interface
 color public-internet
```

```
interface ge0/3
 ip address 34.34.34.1/30
```

```
R1
interface ge0/2
 ip address 43.43.43.2/30
 tloc-extension ge0/0

interface ge0/3
 ip address 34.34.34.2/30
 tloc-extension ge0/0
C.

R2
interface ge0/2
 ip address 43.43.43.1/30

interface ge0/3
 ip address 34.34.34.1/30

R1
interface ge0/2
 ip address 43.43.43.2/30
 tloc-extension ge0/0

interface ge0/3
 ip address 34.34.34.1/30
 tunnel-interface
 color mpls
D.

R2
interface ge0/2
 ip address 43.43.43.1/30
 tunnel-interface
 color public-internet

interface ge0/3
 ip address 34.34.34.2/30
 tloc-extension ge0/2
```

Options:

A- Option A

B- Option B

C- Option C

D- Option D

Answer:

A

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