



Free Questions for 300-415

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Question 1

Question Type: MultipleChoice

An organization requires the use of integrated preventative engines, exploit protection, and the most updated and advanced signature-based antivirus with sandboxing and threat intelligence to stop malicious attachments before they reach users and get executed. Which Cisco SD-WAN solution meets the requirements?

Options:

- A- Cisco Trust Anchor module
- B- URL filtering and Umbrella DNS security
- C- Cisco AMP and Threat Grid
- D- Snort IPS

Answer:

D

Question 2

Question Type: MultipleChoice

Which SD-WAN component allows an administrator to manage and store software images for SD-WAN network elements?

Options:

- A- vGond controllers
- B- WAN Edge routers
- C- vSman controllers
- D- vManage NMS

Answer:

D

Question 3

Question Type: MultipleChoice

Which storage format is used when vManage is deployed as a virtual machine on a KVM hypervisor?

Options:

- A- .iso
- B- .qcow2
- C- .ova
- D- .tgz



Answer:

B

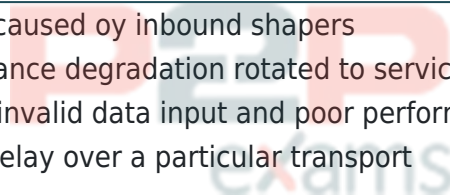
Question 4

Question Type: MultipleChoice

What does forward error correction addresses in Cisco SD-WAN?

Options:

- A- inefficient traffic forwarding caused by inbound shapers
- B- reduced application performance degradation related to service degradation
- C- applications with occasional invalid data input and poor performance
- D- traffic flows with increased delay over a particular transport



Answer:

B

Explanation:

Forward Error Correction (FEC) is a technique used in networking to enhance data reliability and performance, particularly over unreliable or lossy networks.

1. Forward Error Correction (FEC): In Cisco SD-WAN, FEC helps in mitigating the effects of packet

loss and service degradation by encoding redundant data, which can be used to reconstruct lost packets. This ensures that even if some packets are lost during transmission, the data can still be accurately reconstructed at the destination.

1.Addressing Performance Degradation: FEC specifically addresses reduced application performance degradation caused by packet loss and network impairments. By providing this error correction capability, FEC helps maintain the performance and reliability of critical applications over potentially unstable network paths.

1.Reference:

oCisco SD-WAN Security and Quality of Service Configuration Guide

oCisco SD-WAN Forward Error Correction Technical Whitepaper

Question 5

Question Type: MultipleChoice

An engineer creates a data policy to prevent communication from the 172.20.21.0/24 network to the 172.20.41.0/24 network. Which configuration accomplishes this task?

```
 policy
  lists
    vpn-list VPN1
    vpn 1
  !
  data-prefix-list LosAngeles-Net1
  ip-prefix 172.20.21.0/24
  data-prefix-list Rome-Net1
  ip-prefix 172.20.41.0/24
!
data-policy FILTER-POLICY
  vpn-list VPN1
  sequence 1
  match
    source-data-prefix-list  LosAngeles-Net1
  action drop
!
  sequence 11
  match
    source-data-prefix-list  Rome-Net1
  action drop
!
  default-action accept
```

```
○ policy
  lists
    vpn-list VPN1
    vpn 1
  !
  data-prefix-list LosAngeles-Net1
  ip-prefix 172.20.21.0/24
  data-prefix-list Rome-Net1
  ip-prefix 172.20.41.0/24
  !
  data-policy FILTER-POLICY
  vpn-list VPN1
  sequence 1
  match
    source-data-prefix-list LosAngeles-Net1
    destination-data-prefix-list Rome-Net1
  action drop
  !
  default-action accept
```

```
○ policy
  lists
    vpn-list VPN1
    vpn 1
  !
  data-prefix-list LosAngeles-Net1
  ip-prefix 172.20.0.0/16
  data-prefix-list Rome-Net1
  ip-prefix 172.20.0.0/16
  !
  data-policy FILTER-POLICY
  vpn-list VPN1
  sequence 1
  match
    source-data-prefix-list LosAngeles-Net1
    destination-data-prefix-list Rome-Net1
  action drop
  !
  default-action accept
```

```
○ policy
  lists
    vpn-list VPN1
    vpn 1
  !
  data-prefix-list LosAngeles-Net1
  ip-prefix 172.20.21.0/24
  data-prefix-list Rome-Net1
  ip-prefix 172.20.41.0/24
  !
  data-policy FILTER-POLICY
  vpn-list VPN1
  sequence 1
  match
    source-data-prefix-list LosAngeles-Net1
    destination-data-prefix-list Rome-Net1
  action accept
  !
  default-action drop
```

Options:

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

Answer:

B

Question 6

Question Type: MultipleChoice

An engineer is applying QoS policy for the transport-side tunnel interfaces to enable scheduling

and shaping for a WAN Edge cloud router Which command accomplishes the task?

Options:

- A- cloud-qos-service-side
- B- qos-scheduler QOS_0
- C- qos-map QOS
- D- rewrite-rule QOS-REWRITE

Answer:

C



Question 7

Question Type: MultipleChoice

What is the minimum Red Hat Enterprise Linux operating system requirement for a Cisco SD-WAN controller deployment via KVM?

Options:

- A- RHEL7.5
- B- RHEL 6.5
- C- RHEL4.4
- D- RHEL 6.7

Answer:

D



Question 8

Question Type: MultipleChoice

Which protocol runs between the vSmart controllers and WAN Edge routers when the vSmart controller acts like a route reflector?

Options:

- A- OMP outside the DTLS/TLS control connection
- B- BGP inside the DTLS/TLS
- C- IPsec inside the DTLS/TLS control connection
- D- OMP inside the DTLS/TLS control connection

Answer:

D



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