

Umbrella	provides malware protection on endpoints
AMP4E	provides IPS/IDS capabilities
FTD	performs security analytics by collecting network flows
StealthWatch	protects against email threat vector
ESA	provides DNS protection

Correct Answer:

Umbrella	AMP4E
AMP4E	FTD
FTD	StealthWatch
StealthWatch	ESA
ESA	Umbrella

QUESTION 64

Refer to the exhibit. An engineer has configured an IP SLA for UDP echo's. Which command is needed to start the IP SLA to test every 30 seconds and continue until stopped?

```
ip sla 100
  udp-echo 10.10.10.15 6336
  frequency 30
```

- A. ip sla schedule 100 start-time now life forever
- B. ip sla schedule 30 start-time now life forever
- C. ip sla schedule 100 start-time now life 30
- D. ip sla schedule 100 life forever

Correct Answer: A

QUESTION 65

Refer to the exhibit. Which JSON syntax is derived from this data?

```
Person#1:
First Name is Johnny
Last Name is Table
Hobbies are:
• Running
• Video games

Person#2:
First Name is Billy
Last Name is Smith
Hobbies are:
• Napping
• Reading
```

- A. {{{'First Name': 'Johnny', 'Last Name': 'Table', 'Hobbies': ['Running', 'Video games']}, {'First Name': 'Billy', 'Last Name': 'Smith', 'Hobbies': ['Napping', 'Reading']}}}
- B. {'Person': [{'First Name': 'Johnny', 'Last Name': 'Table', 'Hobbies': 'Running', 'Video games'}, {'First Name': 'Billy', 'Last Name': 'Smith', 'Hobbies': 'Napping', 'Reading'}]}
- C. {{{'First Name': 'Johnny', 'Last Name': 'Table', 'Hobbies': 'Running', 'Hobbies': 'Video games'}, {'First Name': 'Billy', 'Last Name': 'Smith', 'Hobbies': 'Napping', 'Hobbies': 'Reading'}}}
- D. {'Person': [{'First Name': 'Johnny', 'Last Name': 'Table', 'Hobbies': ['Running', 'Video games']}, {'First Name': 'Billy', 'Last Name': 'Smith', 'Hobbies': ['Napping', 'Reading']}]}

Correct Answer: D

QUESTION 66

DRAG DROP

Drag and drop the characteristics from the left to the table types on the right.

used to make Layer 2 forwarding decisions	MAC Address Table
used to build IP routing tables	
records MAC address, port of arrival, VLAN and time stamp	TCAM Table
stores ACL, QoS, and other upper-layer information	

Correct Answer:

used to make Layer 2 forwarding decisions	MAC Address Table
used to build IP routing tables	
records MAC address, port of arrival, VLAN and time stamp	TCAM Table
stores ACL, QoS, and other upper-layer information	

QUESTION 67

Which statement about TLS is accurate when using RESTCONF to write configurations on network devices?

- A. It requires certificates for authentication
- B. It is provided using NGINX acting as a proxy web server
- C. It is used for HTTP and HTTPS requests
- D. It is not supported on Cisco devices

Correct Answer: B

QUESTION 68

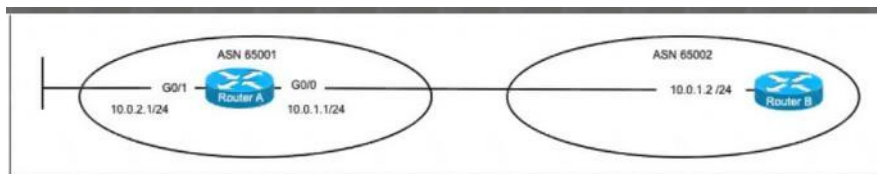
In a wireless Cisco SD-Access deployment, which roaming method is used when a user moves from one access point to another on a different access switch using a single WLC?

- A. Layer 3
- B. inter-xTR
- C. auto anchor
- D. fast roam

Correct Answer: D

QUESTION 69

Refer to the exhibit. An engineer must configure an eBGP neighborship to Router B on Router A. The network that is connected to G0/1 on Router A must be advertised to Router B. Which configuration should be applied?



- A.

```
router bgp 65001
neighbor 10.0.1.2 remote-as 65002
redistribute static
```
- B.

```
router bgp 65002
neighbor 10.0.1.2 remote-as 65002
network 10.0.2.0 255.255.255.0
```
- C.

```
router bgp 65001
neighbor 10.0.1.2 remote-as 65002
network 10.0.2.0 255.255.255.0
```
- D.

```
router bgp 65001
neighbor 10.0.1.2 remote-as 65002
network 10.0.1.0 255.255.255.0
```

Correct Answer: C

QUESTION 70

What is the differences between TCAM and the MAC address table?

- A. The MAC address table is contained in TCAM ACL and QoS information is stored in TCAM
- B. The MAC address table supports partial matches. TCAM requires an exact match
- C. Router prefix lookups happens in CAM. MAC address table lookups happen in TCAM.
- D. TCAM is used to make Layer 2 forwarding decisions CAM is used to build routing tables

Correct Answer: A

Explanation:

<https://community.cisco.com/t5/networking-documents/cam-content-addressable-memory-vs-tcam-ternary-content/ta-p/3107938>

When using Ternary Content Addressable Memory (TCAM) inside routers it's used for faster address lookup that enables fast routing.

In switches Content Addressable Memory (CAM) is used for building and lookup of mac address table that enables L2 forwarding decisions.

Besides Longest-Prefix Matching, TCAM in today's routers and multilayer Switch devices are used to store ACL, QoS and other things from upper-layer processing.

QUESTION 71

Which two solutions are used for backing up a Cisco DNA Center Assurance database? (Choose two)

- A. NFS share
- B. non-linux server
- C. local server
- D. remote server
- E. bare metal server

Correct Answer: AD

Explanation:

Cisco DNA Center creates the backup files and posts them to a remote server. Each backup is uniquely stored using the UUID as the directory name. To support Assurance data backups, the server must be a Linux-based NFS server that meets the following requirements: Support NFS v4 and NFS v3. Cisco DNA Center stores backup copies of Assurance data on an external NFS device and automation data on an external remote sync (rsync) target location. The remote share for backing up an Assurance database (NDP) must be an NFS share.

QUESTION 72

What is a VPN in a Cisco SD-WAN deployment?

- A. common exchange point between two different services
- B. attribute to identify a set of services offered in specific places in the SD-WAN fabric
- C. virtualized environment that provides traffic isolation and segmentation in the SD-WAN fabric
- D. virtual channel used to carry control plane information

Correct Answer: C

QUESTION 73

An engineer is configuring a GRE tunnel interface in the default mode. The engineer has assigned an IPv4 address on the tunnel and sourced the tunnel from an Ethernet interface. Which option also is required on the tunnel interface before it is operational?

- A. (config-if)#tunnel destination <ip address>
- B. (config-if)#keepalive <seconds retries>
- C. (config-if)#ip mtu <value>
- D. (config-if)#ip tcp adjust-mss <value>

Correct Answer: A

Explanation:

A GRE interface definition includes:

+ An IPv4 address on the tunnel + A tunnel source + A tunnel destination

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Below is an example of how to configure a basic GRE tunnel:

```
interface Tunnel 0 ip address 10.10.10.1 255.255.255.0 tunnel source fa0/0 tunnel destination 172.16.0.2
```

In this case the "IPv4 address on the tunnel" is 10.10.10.1/24 and "sourced the tunnel from an Ethernet interface" is the command "tunnel source fa0/0". Therefore it only needs a tunnel destination, which is 172.16.0.2.

Note:

A multiple GRE (mGRE) interface does not require a tunnel destination address.

QUESTION 74

Refer to the exhibit. An engineer entered the command `no spanning-tree bpduguard enable` on interface Fa 1/0/7. What is the effect of this command on Fa 1/0/7?

```
DSW2#sh spanning-tree vlan 10
VLAN0010
  Spanning tree enabled protocol ieee
  Root ID    Priority    20
            Address     0013.80f9.8880
            Cost        2
            Port        9 (FastEthernet1/0/7)
            Hello Time   2 sec  Max Age 20 sec  Forward Delay 15 sec

  Bridge ID  Priority    4106 (priority 4096 sys-id-ext 10)
            Address     0019.7363.4300
            Hello Time   2 sec  Max Age 20 sec  Forward Delay 15 sec
            Aging Time   300

Interface Role Sts Cost Prio.Nbr Type
-----
Fa1/0/7   Root FWD 2    128.9  P2p
Fa1/0/10  Desg FWD 4    128.12 P2p
Fa1/0/11  Desg FWD 2    128.13 P2p
Fa1/0/12  Desg FWD 2    128.14 P2p

DSW2#
*Mar 3 07:29:24.854: %SPANTREE-2-BLOCK_BPDUGUARD: Received BPDU on port Fa1/0/7
with BPDU Guard enabled. Disabling port.
*Mar 3 07:29:24.854: %PM-4-ERR_DISABLE: bpduguard error detected on Fa1/0/7, put
ting Fa1/0/7 in err-disabled state
*Mar 3 07:29:24.879: %SPANTREE-2-BLOCK_BPDUGUARD: Received BPDU on port Fa1/0/7
with BPDU Guard enabled. Disabling port.
*Mar 3 07:29:25.869: %LINEPROTO-5-UPDOWN: Line protocol on Interface FastEtherne
t1/0/7, changed state to down
*Mar 3 07:29:26.884: %LINE-3-UPDOWN: Interface FastEthernet1/0/7, changed state
to down
```

- A. It remains in err-disabled state until the shutdown/no shutdown command is entered in the interface configuration mode.
- B. It remains in err-disabled state until the errdisable recovery cause failed-port-state command is entered in the global configuration mode.
- C. It remains in err-disabled state until the no shutdown command is entered in the interface configuration mode.
- D. It remains in err-disabled state until the spanning-tree portfast bpduguard disable command is entered in the interface configuration mode.

Correct Answer: A

QUESTION 75

Refer to the exhibit. An engineer configures a trunk between SW1 and SW2 but tagged packets are not passing. Which action fixes the issue?