



5V0-41.20^{Q&As}

VMware SD-WAN Troubleshoot

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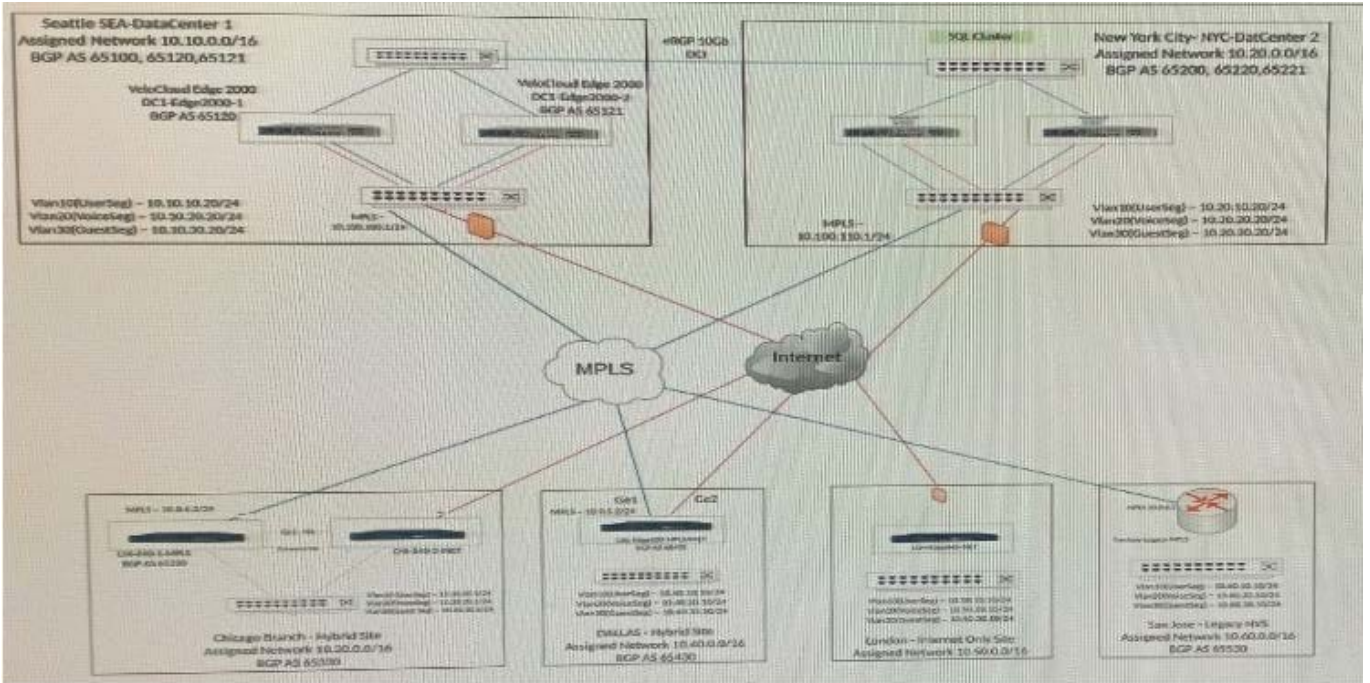


**QUESTION 1**

Scenario 1:

A network administrator is tasked with enabling SD-WAN at three branch locations. A topology has been provided for reference. For each site, the administrator is having issues bringing edges online, as another administrator has gone ahead and created a configuration ahead of time. The organization has several branch sites. One is an Internet-only site and two are Hybrid locations with both internet and MPLS. The last location is MPLS only. There are hub data center locations in this environment as well. Please refer to the topology.

Exhibit.



Interface Settings								
Actions		Interface	Mode	VLANs	Addressing	WAN Overlay	Segment	
Edit	<input checked="" type="checkbox"/>	LAN1	Access	1 - Corporate			Global Segment	
Edit	<input checked="" type="checkbox"/>	LAN2	Access	1 - Corporate			Global Segment	
Edit	<input checked="" type="checkbox"/>	LAN3	Access	1 - Corporate			Global Segment	
Edit	<input checked="" type="checkbox"/>	LAN4	Access	1 - Corporate			Global Segment	
Edit	<input checked="" type="checkbox"/>	LAN5	Trunk	1 - Corporate 10 - UserSeg 20 - VoiceSeg 30 - GuestSeg			Global Segment	
Edit	<input checked="" type="checkbox"/>	LAN6	Access	1 - Corporate			Global Segment	
Edit	<input checked="" type="checkbox"/>	LAN7	Access	1 - Corporate			Global Segment	
Edit	<input checked="" type="checkbox"/>	LAN8	Access	1 - Corporate			Global Segment	
Edit	<input checked="" type="checkbox"/>	GE1			Static IP: 10.40.0.1/24 Gateway: 10.40.0.1	User Defined	all segments	
Edit	<input checked="" type="checkbox"/>	GE2			DHCP	User Defined	all segments	
Edit	<input checked="" type="checkbox"/>	SFP1			DHCP	Auto Detect	all segments	
Edit	<input checked="" type="checkbox"/>	SFP2			DHCP	Auto Detect	all segments	
Edit	<input checked="" type="checkbox"/>	WLAN1	WiFi	1 - Corporate			Global Segment	
Edit	<input checked="" type="checkbox"/>	WLAN2	Interface disabled					

WAN Settings				
Type	Name	Interfaces	Link Type	Alerts
User Defined	INET	GE1	Public Wired	<input checked="" type="checkbox"/>
User Defined	MPLS	GE2	Private Wired	<input checked="" type="checkbox"/>

The network administrator determines the issue preventing the Dallas Branch from coming online.

Refer to the Exhibit(s).

What must the administrator do for the Edge to communicate with the Orchestrator and other branches?

- A. Reverse the WAN Overlay configurations
- B. Update the Orchestrator to the latest version as it enables "Auto WAN Swapping"
- C. Delete the User Defined WAN Overlays as the Orchestrator will discover these automatically on MPLS and Internet



D. Create a User-defined WAN Overlay to bond both interfaces

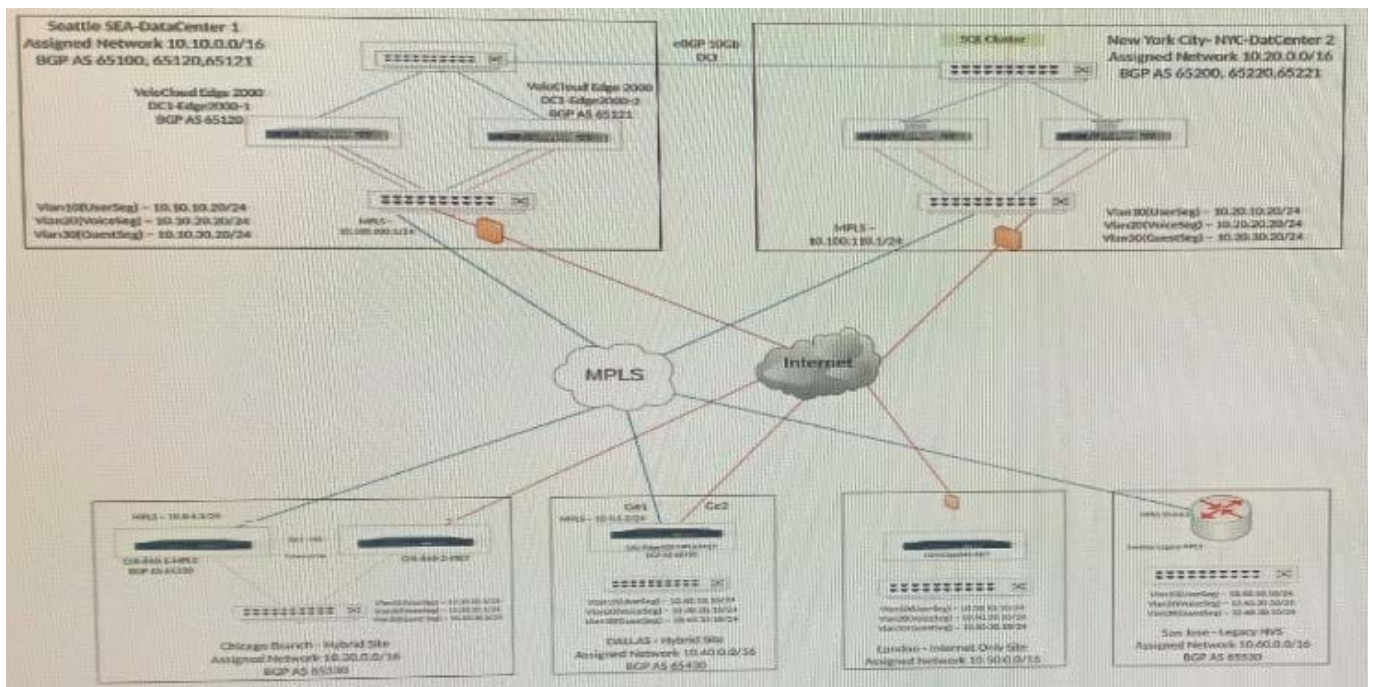
Correct Answer: A

QUESTION 2

Scenario 3:

After resolving numerous connectivity Issues throughout the various branch sites, connectivity between applications and users is finally present. The network administrator is informed that during certain tests, applications are not performing as they are expected to. Users report that call quality has not fully improved and that some of their calls either drop or have poor voice quality where the conversation is breaking up. Other users are noticing that file transfers are slower than expect. A group of users from a few sites have reported slowness in accessing internal and external applications.

Exhibit.



The network administrator has been made aware that Chicago is receiving traffic from non- SD-WAN sites, bottlenecking Chicago's interfaces. The network administrator's VMware SE has mentioned using the uplink feature to help resolve this.

What are two ways the uplink feature should be used in this scenario? (Choose two.)

- A. Set the uplink community to forward traffic to a group of neighbors.
- B. Direct all traffic to that neighbor designated as an uplink,
- C. Stop mutual redistribution of routes from underlay and overlay.
- D. Prevent the site in question from becoming a transit site.



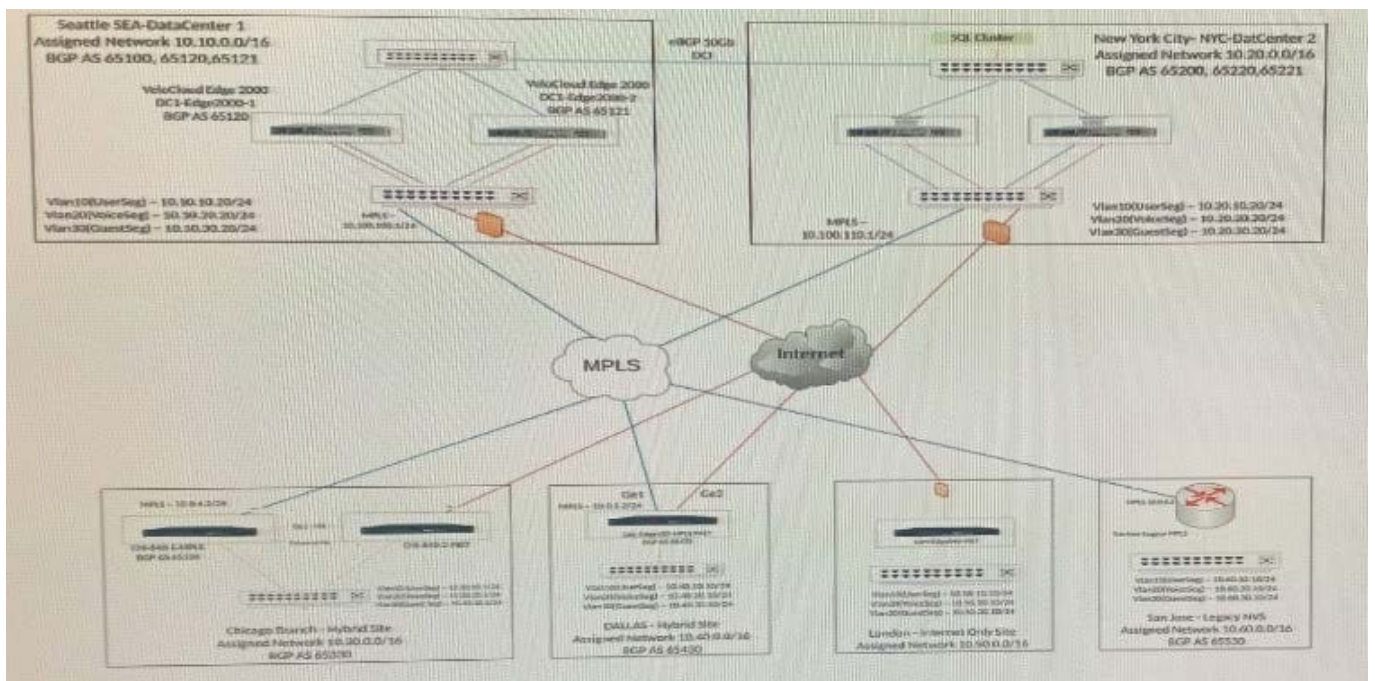
Correct Answer: BD

QUESTION 3

Scenario 3:

After resolving numerous connectivity Issues throughout the various branch sites, connectivity between applications and users is finally present- The network administrator is informed (hat during certain tests, applications are not performing as they are expected to. Users report that call quality has not fully improved and that some of their calls either drop or have poor voice quality where the conversation is breaking up. Other users are noticing that file transfers are slower than expect. A group of users from a few sites have reported slowness in accessing internal and external applications.

Exhibit.



Which metrics can a network administrator verify in the QoS screen to determine the overall health of Underlay and Overlay?

- A. Jitter Packet Loss, Speed.
- B. Jitter, Packet Loss, Latency.
- C. Jitter, Speed, Latency.
- D. Packet Loss, Latency, Speed.

Correct Answer: B

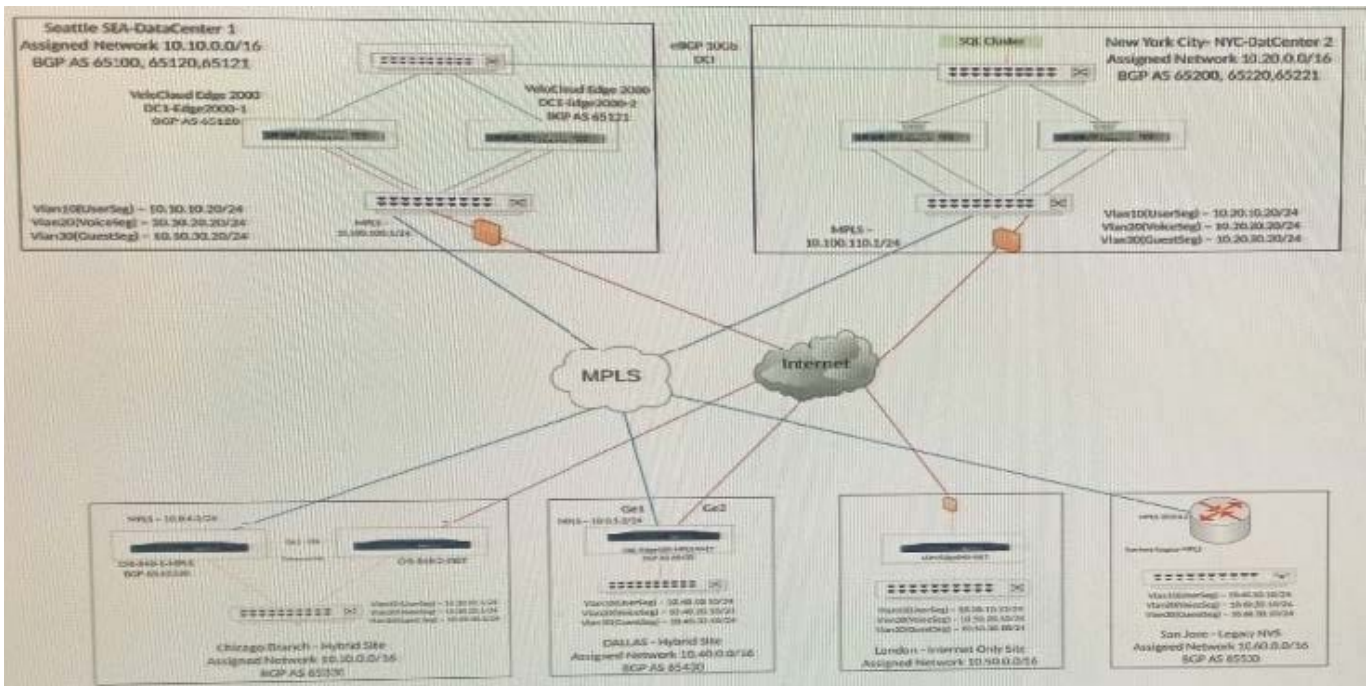


QUESTION 4

Scenario 2:

After completing the branch activation activities for all required branches, the network administrator attempts to test connectivity between the various branches and between the hubs and branches. The administrator notices a lack of connectivity despite being certain that configurations have been complete. The administrator also observed that several users are reporting intermittent connectivity to some of the applications they are accessing. Other users are reporting no access to these applications. Other users at some of the branches claim they cannot get to certain public resources. The administrator wants to ensure that all sites can talk to each other and all resources are accessible.

Exhibit.



When checking connectivity from the San Jose branch, all users report that they can reach certain resources at the main data center. They are unable to reach locations elsewhere. The network administrator investigates and first looks at the Overlay Flow Control (OFC) Table.

What should the network administrator look for next to determine what the issue might be?

- A. Check with the local network administrator to see if the routes for the SD-WAN sites are present in San Jose's branch router.
- B. Check Test and Troubleshoot and review a route table dump of the NY hub site.
- C. Check the Global Segment Configuration to see if it has the Routing Flag enabled.
- D. Determine if OSPF has been configured on the MPLS Routers at the hub.

Correct Answer: C



QUESTION 5

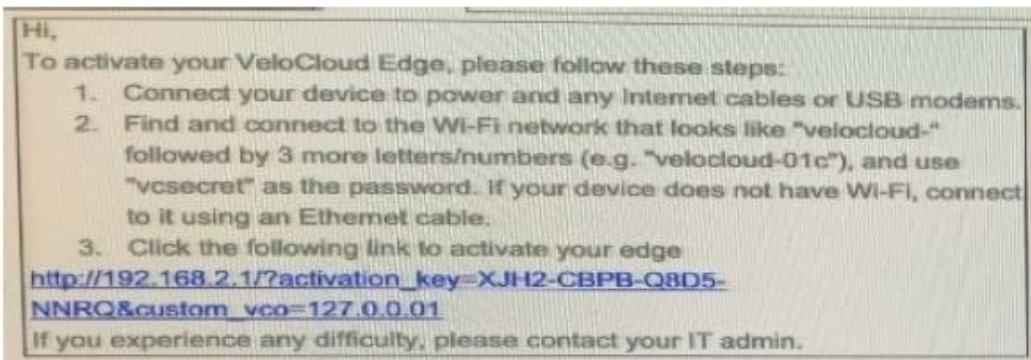
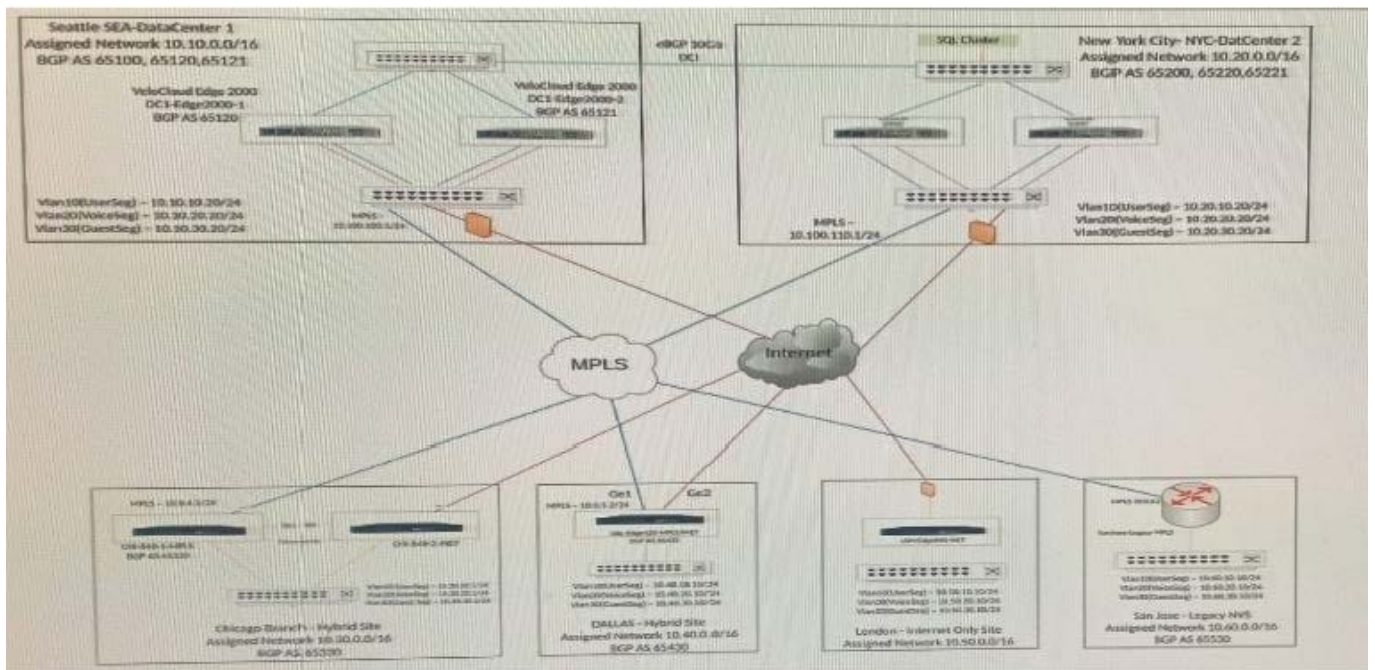
Scenario 1:

A network administrator is tasked with enabling SO-WAN at three branch locations. A topology has been provided for reference. For each site, the administrator is having issues bringing edges online, as another administrator has gone ahead and created a configuration ahead of time. The organization has several branch sites. One is an Internet-only site and two are Hybrid locations with both internet and MPLS. The last location is MPLS only. There are hub data center locations in this environment as well. Please refer to the topology.

After the network administrator has determined the problem with the Edge not being able to access the Internet, the administrator receives another error stating that the SD-WAN Orchestrator is still not reachable.

The VCO's address is Amer-vco01.velocloud.net.

Refer to the Exhibit(s).



What might be disallowing the Edge to communicate with the Orchestrator?

A. The SD-WAN Orchestrator specified is incorrect, and a new activation email needs to be sent.



- B. The local firewall that the Edge uses to reach externally is blocking UDP Port 53 in both directions.
- C. The SD-WAN Orchestrator has a limited 60-second window for the Edge to come online.
- D. The SD-WAN Orchestrator is not being resolved for DNS.

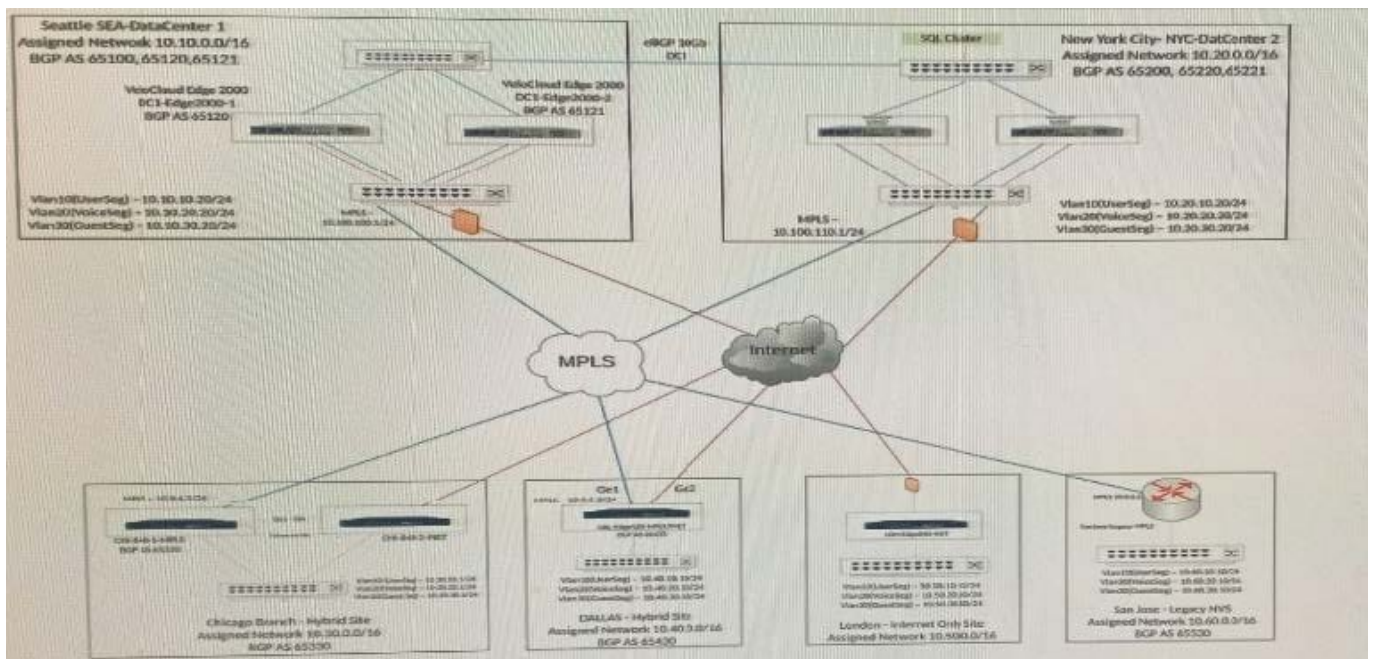
Correct Answer: C

QUESTION 6

Scenario 1:

A network administrator is tasked with enabling SD-WAN at three branch locations. A topology has been provided for reference. For each site, the administrator is having issues bringing edges online, as another administrator has gone ahead and created a configuration ahead of lime. The organization has several branch sites. One is an Internet- only site and two are Hybrid locations with both internet and MPLS. The last location is MPLS only. There are hub data center locations in this environment as well. Please refer to the topology.

Exhibit.



When attempting to activate an Edge, after clicking on the "activation link" in the email that was sent to the network administrator, the Edge's local UI shows as "Internet down". This is preventing the Edge from coming online and being activated. When referring to the output, the network administrator notices that the Edge has received DHCP addressing.

What could be preventing the Edge from coming online?

- A. The next hop does not respond to ICMP pings.
- B. Cloud VPN is not enabled in the AMER Branch profile.



- C. The subnet mask assigned to the Edge is incorrect.
- D. The Edge's profile does not specify the correct Edge Model.

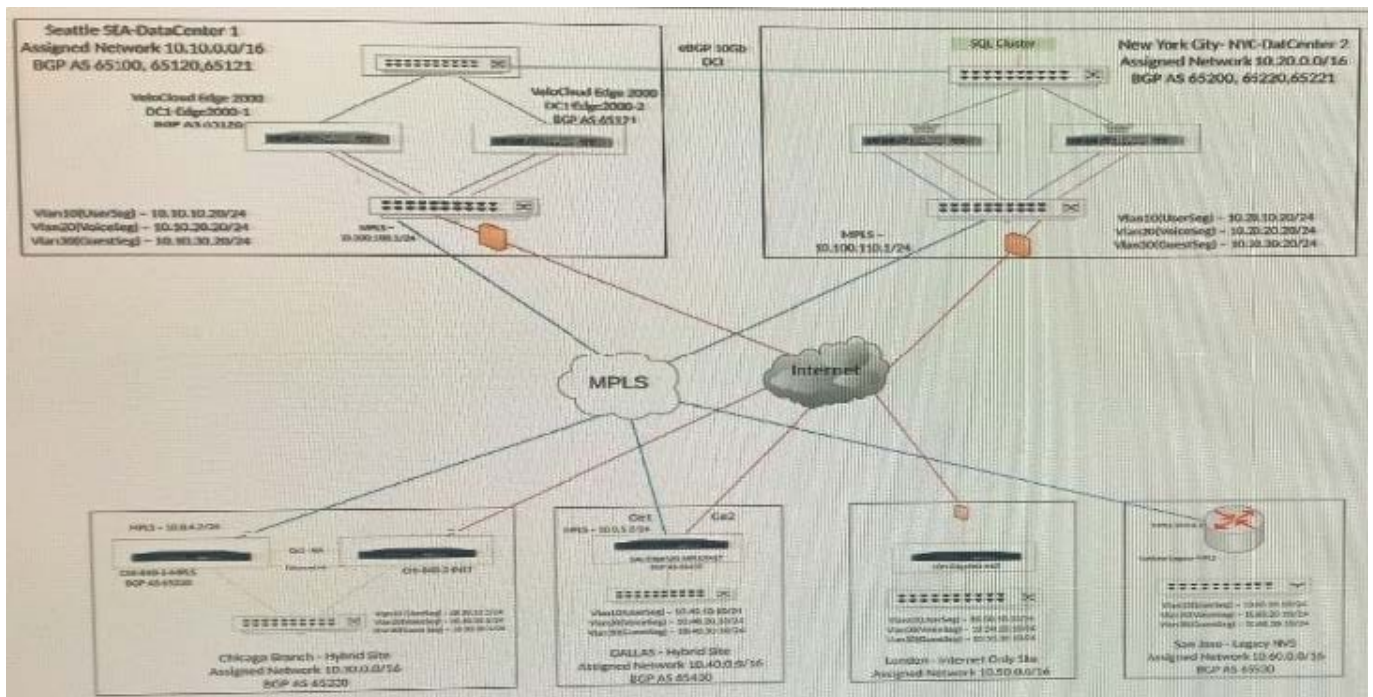
Correct Answer: A

QUESTION 7

Scenario 3:

After completing the branch activation activities for all required branches, the network administrator attempts to test connectivity between the various branches and between the hubs and branches. The administrator notices a lack of connectivity despite being certain that configurations have been complete. The administrator also observed that several users are reporting intermittent connectivity to some of the applications they are accessing. Other users are reporting no access to these applications. Other users at some of the branches claim they cannot get to certain public resources. The administrator wants to ensure that all sites can talk to each other and all resources are accessible.

Exhibit.



The network administrator determines that dynamic routes to SD-WAN sites are missing at the San Jose branch router. The network administrator decides to look into the configurations of hub Edges. All SD-WAN branch sites must use a hub to communicate with the San Jose site. Best practices have been implemented at these SD-WAN sites.

Where should the administrator check first to verify if the configuration is correct?

- A. Verify that the NVS feature is enabled in Cloud VPN.
- B. Verify that redistribution between the primary hub site and San Jose is enabled.
- C. Verify the static routes to San Jose from all Branches are configured.



D. Verify that redistribution at the Dallas Hybrid Site is enabled for San Jose to use as a peering point.

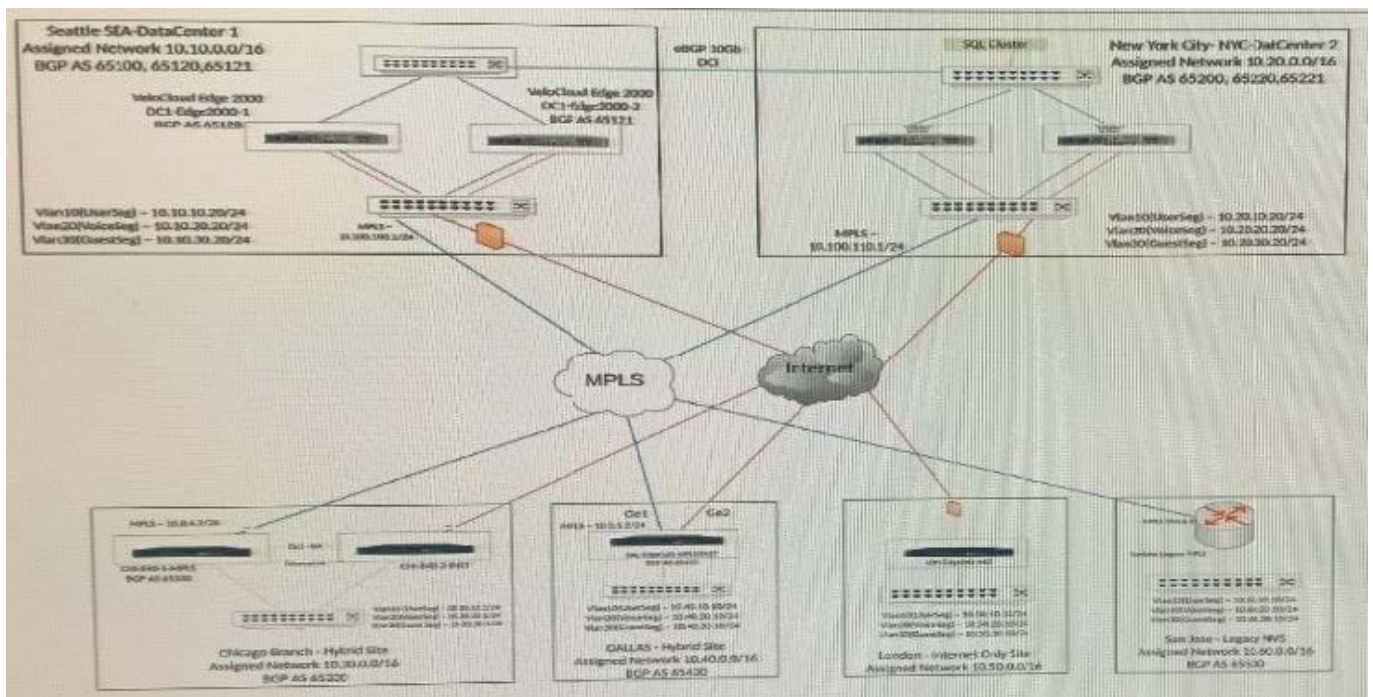
Correct Answer: C

QUESTION 8

Scenario 2:

After completing the branch activation activities for all required branches, the network administrator attempts to test connectivity between the various branches and between the hubs and branches. The administrator notices a lack of connectivity despite being cert configurations have been complete. The administrator also observed that several reporting intermittent connectivity to some of the applications they are accessing. Other users are reporting no access to these applications. Other users at some of the branches claim they cannot get to certain public resources. The administrator wants to ensure that all sites can talk to each other and all resources are accessible.

Exhibit.



A network administrator has been told that Dallas needs some high-availability in the event that the SDWAN Edge goes offline for whatever reason. There is limited budget so the administrator must use the other available CE router as a fallback mechanism. The administrator will use VRRP to provide HA. When configuring VRRP, the SD-WAN Edge service restarted.

What caused this behavior?

- A. The administrator failed to specify the Edge Type as a VeloCloud Cluster.
- B. This is an expected behavior.
- C. The device is faulty and will need a replacement.



D. The administrator failed to specify the Edge Type as a VeloCloud Active Standby Pair.

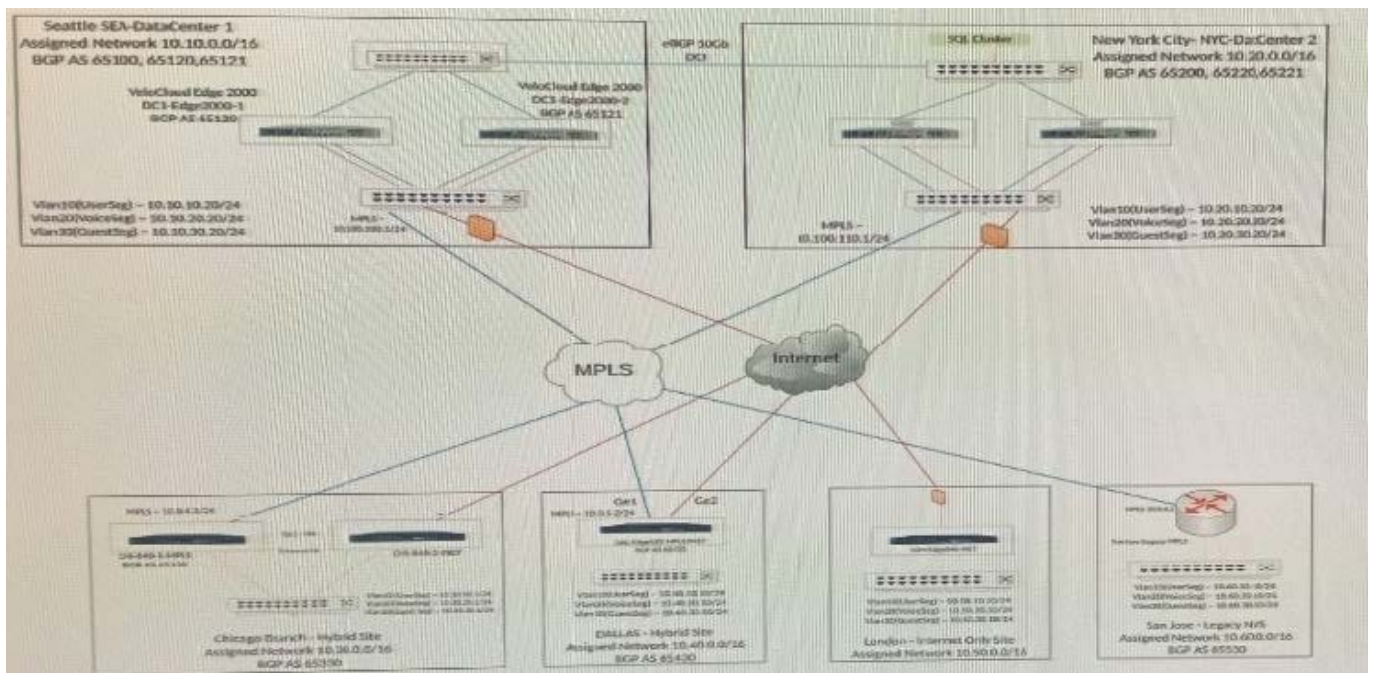
Correct Answer: B

QUESTION 9

Scenario 2:

After completing the branch activation activities for all required branches, the network administrator attempts to test connectivity between the various branches and between the hubs and branches. The administrator notices a lack of connectivity despite being certain that configurations have been complete. The administrator also observed that several users are reporting intermittent connectivity to some of the applications they are accessing. Other users are reporting no access to these applications. Other users at some of the branches claim they cannot get to certain public resources. The administrator wants to ensure that all sites can talk to each other and all resources are accessible.

Exhibit.



The tunnel from spoke to hub is not coming up. What are the two possible reasons? (Choose two.)

- A. Spoke Edge and hub Edge are two different Edge models.
- B. Spoke Edge and hub Edge have a mismatch certificate authentication mode.
- C. Hub WAN Interface might be behind the NAT Device or firewall.
- D. Dynamic Branch to Branch is not enabled.

Correct Answer: BC

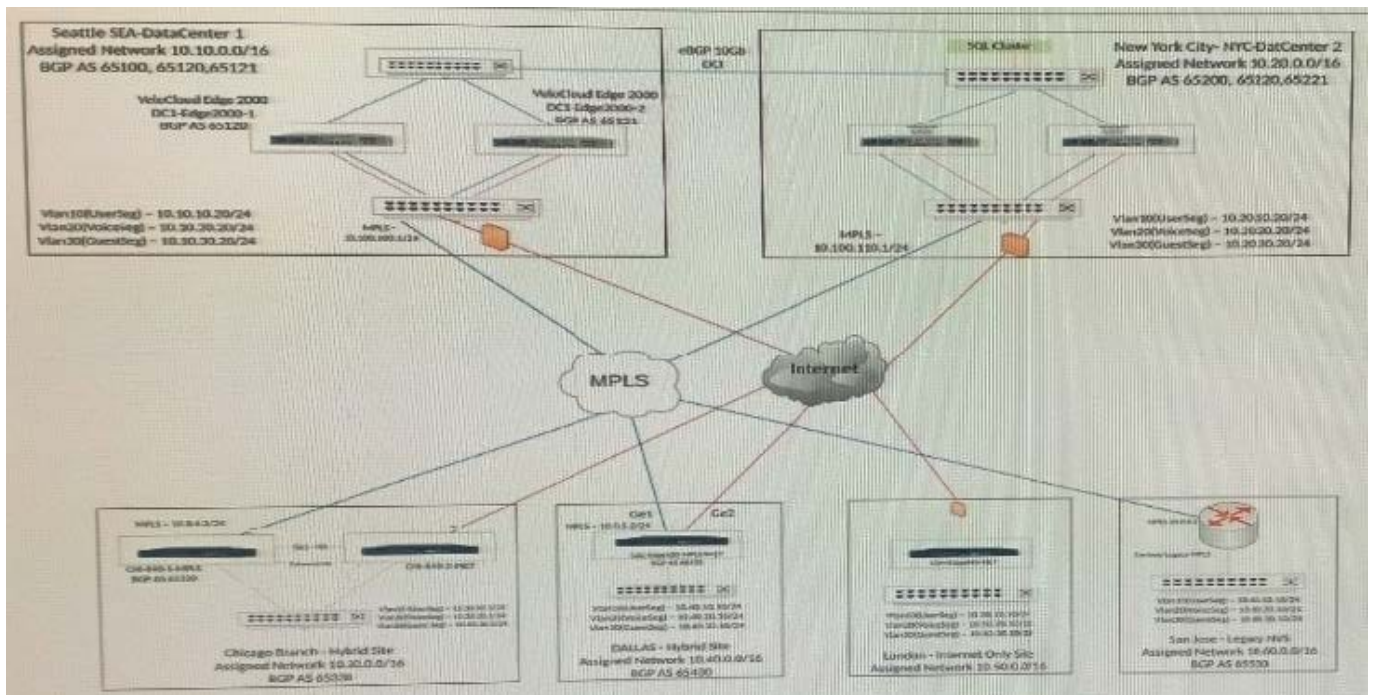


QUESTION 10

Scenario 3:

After resolving numerous connectivity issues throughout the various branch sites, connectivity between applications and users is finally present. The network administrator is informed that during certain tests, applications are not performing as they are expected to. Users report that call quality has not fully improved and that some of their calls either drop or have poor voice quality where the conversation is breaking up. Other users are noticing that file transfers are slower than expect. A group of users from a few sites have reported slowness in accessing internal and external applications.

Exhibit.



Users at a remote office are complaining about poor performance with certain applications. The network administrator has already configured Business Policies based on these requirements.

What is the sequence of parameters that the administrator can check to troubleshoot this problem? (Choose two.)

- A. Change the bandwidth measurement under WAN Overlay Advanced Settings.
- B. Check underlay network (bandwidth, latency, jitter, packet loss).
- C. Under Monitor, check Routing tab.
- D. Review Business Policies configuration and match them against the business requirements.

Correct Answer: BD