4A0-110^{Q&As}

Alcatel-Lucent Advanced Troubleshooting

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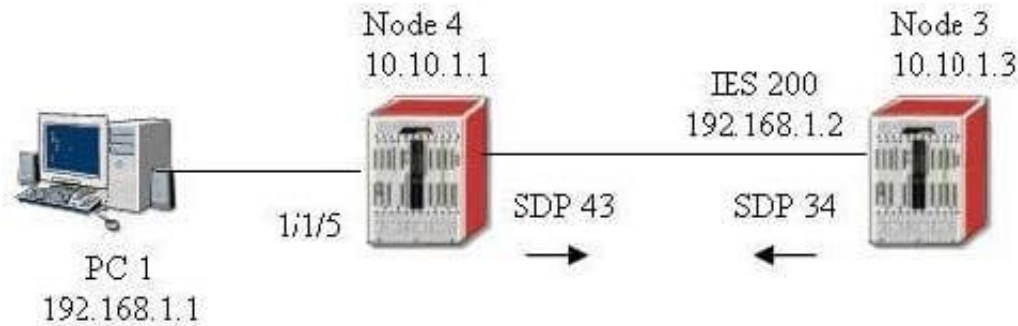⚙ **Instant Download** After Purchase

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QUESTION 1

A spoke-sdp terminated IES configured on Node 3 is down due on SDP serviceMTUMismatch error. The same error is found on the corresponding SDP on Node 4. The VPLS is using the default service MTU. Which MTU value should be modified to bring the SDP up on both Nodes?

A. IP MTU of the IES Interface on Node3

B. Port MTU on Node 3 and Node 4

C. SDP Path MTU on Node 3 and Node 4

D. Service MTU on Node 4

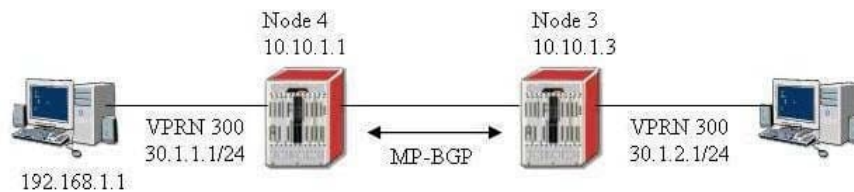E. Path MTU on Node 3 and Node 4

Correct Answer: A

QUESTION 2

Which one of the following CLI can be used to view all management VPLS configured on a 7x50?

A. Show service service-using m-vpls

B. Show service service-using

C. Show router vpls detail

D. Show service id base

E. There is no CLI command to display management VPLS

Correct Answer: B

QUESTION 3

VPRN 300 is configured on Node 4. BGP is being used as the PE-CE routing protocol. Node 2 is the CE router. The BGP session is not established between Node 4 and Node 2. What is missing in the configuration?

Node 4
10.10.1.1

Node 3
10.10.1.3

VPRN 300
30.1.1.1/24

MP-BGP

VPRN 300
30.1.2.1/24

192.168.1.1

```
Node 2

# config>router>bgp
          group "vrf"
              local-as 400
              neighbor 30.1.2.1
                  peer-as 100

# show router bgp neighbor 30.1.2.1


===============================================================================
BGP Neighbor
===============================================================================
-------------------------------------------------------------------------------
Peer   : 30.1.2.1
Group : vrf
-------------------------------------------------------------------------------
Peer AS              : 100          Peer Port          : 0
Peer Address         : 30.1.2.1
Local AS             : 400          Local Port         : 0
Local Address        : 0.0.0.0
Peer Type            : External
State                : Active       Last State         : Connect
Last Event           : openFail
Last Error           : Cease
Local Family         : IPv4
Remote Family        : Unused

Remote Family        : Unused
Hold Time            : 90           Keep Alive         : 30
Active Hold Time     : 0            Active Keep Alive  : 0
Cluster Id           : None
Preference           : 170          Num of Flaps       : 0
Recd. Paths          : 0
```

```
Node 4

# config>service>vprn 300
          route-distinguisher 200:200
          auto-bind ldp
          vrf-target target:100:100
          interface "toCPE4" create
              address 30.1.2.1/24
              sap 1/1/3 create
              exit
          exit
          static-route 40.1.1.1/32 next-hop 30.1.2.2
          bgp
              group "vrf"
                  type external
                  local-as 100
                  neighbor 30.1.2.2
                      peer-as 400
                  exit
              exit
          exit
          no shutdown
# show router 300 bgp neighbor 30.1.2.2


===============================================================================
BGP Neighbor
===============================================================================
-------------------------------------------------------------------------------
Peer : 30.1.2.2          Group : vrf
-------------------------------------------------------------------------------
Peer AS         : 400          Peer Port     : 0
Peer Address    : 30.1.2.2
Local AS        : 100          Local Port    : 0
Local Address   : 0.0.0.0
```
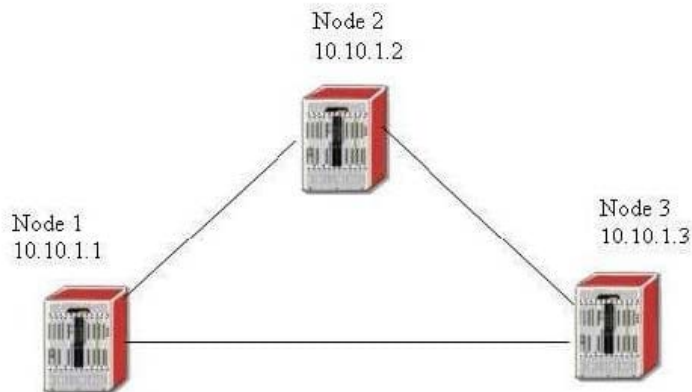
A. Type external has to be configured on Node 2 under group vrf

B. Autonomous-system has to be configured on Node 4 under vprn 300

C. Router-id has to be configured on Node 4 under vprn 300

D. Router-id has to be added under BGP on Node 2

E. EBGP will not work under VPRN

Correct Answer: B

QUESTION 4

Based on the configuration below, which statement best describes the reason why VPLS 101 is not up on all three nodes.

Node-1

```
config>service>
          vpls 101
          stp
              shutdown
          exit
          sap 1/1/5 create
          exit
          spoke-sdp 30:30 create
          exit
          no shutdown
          sdp 30
          far-end 10.10.1.2
          ldp
          keep-alive
              shutdown
          exit
          no shutdown
```

Node-2

```
config>service>
          vpls 101
          stp
```

```
                shutdown
        exit
        spoke-sdp 40:40 create
        exit
        spoke-sdp 50:50 create
        exit
        no shutdown
        sdp 40
        far-end 10.10.1.1
        ldp
        keep-alive
                shutdown
        exit
        no shutdown
        sdp 50
        far-end 10.10.1.3
        ldp
        keep-alive
                shutdown
        exit
        no shutdown
```

Node-3

```
config>service>
        vpls 101
        stp
                shutdown
        exit
        sap 1/1/5 create
        exit
        spoke-sdp 60:60 create
        exit
        no shutdown
        sdp 60
        far-end 10.10.1.2
        ldp
        keep-alive
                shutdown
        exit
        no shutdown
```

A. Service VC id has to match on all three nodes

B. SDP id has to match on all three nodes

C. STP has to be enabled on all three nodes

D. No SAP is configured on Node-2

E. Mesh-sdp has to be used on all three nodes

Correct Answer: A

QUESTION 5

VPRN 300 is configured on Node 3 and Node 4 with LDP and MP-BGP. No route can be found in the VPRN 300 routing table on both Nodes. What is the cause of the problem?

```
Node 3

config>service>vprn 300
        autonomous-system 100
        spoke-sdp 34
        vrf-target export target:100:101 import target:100:100
        interface "toCPE4" create
            address 30.1.2.1/24
            sap 1/1/3 create
            exit
        exit
        no shutdown
```

```
Node 4

config>service>vprn 300
        spoke-sdp 43
        vrf-target export target:100:100 import target:100:101
        interface "toCPE3" create
            address 30.1.1.1/24
            sap 1/1/7:3.4 create
            exit
        exit
        static-route 5.5.5.5/32 next-hop 30.1.1.2
        no shutdown
```

A. No static route configured on Node 4

B. No LDP defined in the VPRN configuration on both nodes

C. VRF-target does not match on Node 3 and Node 4

D. Route-distinguisher configuration is missing on Node 3 and Node 4

E. Encapsulation type on the SAP does not match on Node 3 and Node 4

Correct Answer: D