4A0-110Q&As

Alcatel-Lucent Advanced Troubleshooting

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QUESTION 1

Two routers are physically connected to each other with ISIS configured. No ISIS adjacency can be found on both routers. Ping works fine on the local and the remote interface addresses on both routers. Review the confguration information shown below. Which of the following statements best describe the cause of the problem? Select one answer only.

Node-1

```
# show router isis interface
===============================================================================
Interface                         Level CircID  Oper State    L1/L2 Metric
-------------------------------------------------------------------------------
to-Node-2                          L1    2        Up            10/-

===============================================================================
ISIS Status
===============================================================================
System Id             : 0100.1000.1001
Admin State           : Up
Ipv4 Routing          : Enabled
Last Enabled          : 12/14/2006 14:44:59
Level Capability      : L1L2
Authentication Check  : True
Authentication Type   : None
Adjacency Check       : loose
L1 Auth Type          : none
L2 Auth Type          : none
L1 CSNP-Authenticati*: Enabled
L1 HELLO-Authenticat*: Enabled
L1 PSNP-Authenticati*: Enabled
L1 Wide Metrics       : Disabled
L2 Wide Metrics       : Disabled
L1 LSPs               : 1
L2 LSPs               : 3
Last SPF              : 12/14/2006 14:47:16
SPF Wait              : 10 sec (Max)    1000 ms (Initial)    1000 ms (Second)
Export Policies       : None
Area Addresses        : None
```

Node-2

```
# show router isis interface
===============================================================================
Interface                         Level CircID  Oper State    L1/L2 Metric
-------------------------------------------------------------------------------
toPod1                            L1    3        Up            10/-
-------------------------------------------------------------------------------
Interfaces : 1

===============================================================================
ISIS Status
===============================================================================
System Id             : 0100.1000.1002
Admin State           : Up
Ipv4 Routing          : Enabled
Ipv6 Routing          : Disabled
Last Enabled          : 12/14/2006 09:57:41
Level Capability      : L1L2
Authentication Check  : True
Authentication Type   : None
Adjacency Check       : loose
L1 Auth Type          : none
L2 Auth Type          : none
L1 CSNP-Authenticati*: Enabled
L1 HELLO-Authenticat*: Enabled
L1 PSNP-Authenticati*: Enabled
L1 Wide Metrics       : Disabled
L2 Wide Metrics       : Disabled
L1 LSPs               : 1
L2 LSPs               : 3
Last SPF              : 12/14/2006 10:00:35
SPF Wait              : 10 sec (Max)    1000 ms (Initial)    1000 ms (Second)
Export Policies       : None
Area Addresses        : None
```

A. The ISIS interface level configured does not match the ISIS level capability supported on the routers

B. The ISIS authentication check is enabled but there is no authentication type and password configured

C. ISIS Area addresses are not configured on both routers

D. L1 wide Metrics are disabled on the routers

E. ISIS Circuit id does not match on Node-1 and Node-2

Correct Answer: C

QUESTION 2

A CSPF LSP with no bandwidth requirement is established from Node 1 (10.10.1.1) to Node 2 (10.10.1.2). OSPF-TE is enabled on all routers in the network. What commands can be used on Node 1 to determine if another LSP can be established to Node 2 with 400M bandwidth requirement? Choose all that apply.

A. Show router lsp detail

B. Show router ospf database detail

C. Show router ospf opaque-database detail

D. Tools perform router mpls cspf to 10.10.1.2 bandwidth 400

E. Tools dump router mpls lspinfo

Correct Answer: CD

QUESTION 3

If a router needs to support services offering of 1514 byte service payload over POS with MPLS FRR, what is the physical MTU size required on the network ports?

A. 1524

B. 1536

C. 1540

D. 1514

E. 1528

Correct Answer: E

QUESTION 4

L1 ISIS adjacency is up between two routers (Node-1 and Node-2) with MD5 authentication configured. During a maintenance window, an operator was planning to change one of the ISIS hello authentication key from admin to admin123. After removing the hello authentication key from Node-1 (no change on Node-2 side), the ISIS adjacency stayed up. The operator decided to fall back to the original configuration and called Alcatel for support. Which of the following statement best describe the cause of the problem? Select one answer only.

```
config>router>isis# info
----------------------------------------------
        area-id 49.0034
        authentication-key "aiNjJt.qIqWjt49Wre6rPk" hash2
        authentication-type message-digest
        lsp-lifetime 65535
        traffic-engineering
        interface "to-Node2"
            level-capability level-1
            hello-authentication-key "aiNjJt.qIqWjt49Wre6rPk" hash2
            hello-authentication-type message-digest
            interface-type point-to-point
```

Node-2

```
config>router>isis# info
----------------------------------------------
        area-id 49.0034
        authentication-key "aiNjJt.qIqWjt49Wre6rPk" hash2
        authentication-type message-digest
        lsp-lifetime 65535
        traffic-engineering
        interface "to-Node1"
            level-capability level-1
            hello-authentication-key "aiNjJt.qIqWjt49Wre6rPk" hash2
            hello-authentication-type message-digest
            interface-type point-to-point
```

A. The ISIS hello authentication key was not configured properly in the first place, that\\'s why removing the authentication key does not impact the adjacency

B. The ISIS authentication key is the same as the hello authentication key, therefore removing hello authentication key does not impact the adjacency

C. The system interface is missing from the ISIS configuration, therefore ISIS is not working properly even before the change

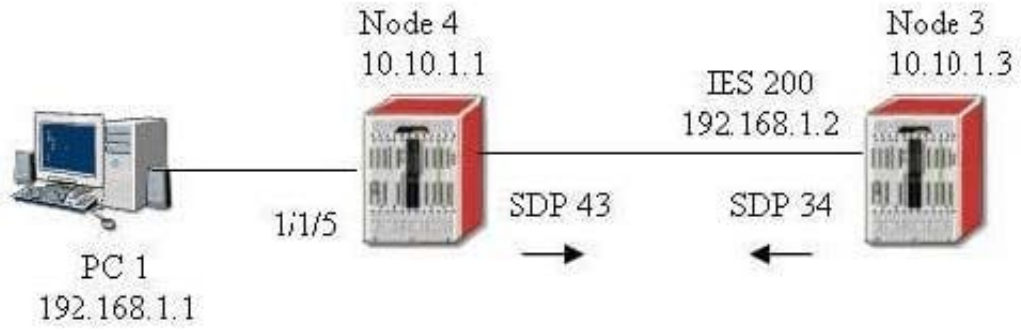
D. ISIS hello authentication key is only used for hello packet exchange. It does not affect ISIS adjacency

E. ISIS hello authentication key is not used to bring up ISIS adjacency when traffic-engineering is enabled on the routers

Correct Answer: B

QUESTION 5

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