4A0-110^{Q&As}

Alcatel-Lucent Advanced Troubleshooting

Pass Alcatel-Lucent 4A0-110 Exam with 100% Guarantee

Free Download Real Questions & Answers **PDF** and **VCE** file from:

https://www.geekcert.com/4a0-110.html

100% Passing Guarantee
100% Money Back Assurance

Following Questions and Answers are all new published by Alcatel-Lucent Official Exam Center

⚙ **Instant Download** After Purchase

⚙ **100% Money Back** Guarantee

⚙ **365 Days** Free Update

⚙ **800,000+** Satisfied Customers

QUESTION 1

LSP toNode3 is configured on Node1, all hops configured in the lsp path and lsp destination address are reachable via IGP. Both primary and secondary LSP paths are down with failure code equal toRoute ToDestionation. What is the potential cause of this problem?
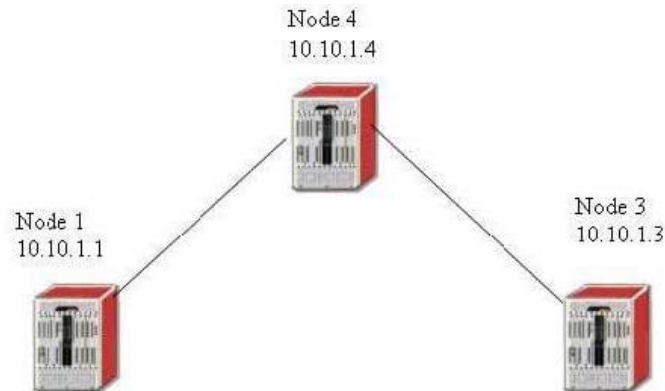

```
config>router>
        mpls
        interface "system"
        exit
        interface "toPod4"
        exit
        interface "toPod3"
        exit
        path "toNode3-strict"
            hop 1 10.10.1.4  strict
            hop 2 10.10.1.3  strict
            no shutdown
        exit
        path "toNode3-loose"
            no shutdown
        exit
        lsp "toNode3"
            to 10.10.1.3
            cspf
            primary "toPod3-strict"
            exit
            secondary "toPod3-loose"
                standby
            exit
            no shutdown
        exit
        no shutdown
```

A. A loose hop has to be configured in path toNode3-loose

B. The secondary path should not be configured as standby path

C. No traffic engineering information is exchanged by the IGP protocol

D. CSPF cannot be enabled with strict hop path

E. MPLS should not be enabled on interface toPod3

Correct Answer: C

QUESTION 2

VPRN 300 is configured between Node 3 and Node 4. Node 4 receives VPN routes from Node 3 and imports them into the VRF. The entire route-table is displayed below for VPRN 300 on Node

4. When attempting a ping from VPRN 300 on Node 4 to 30.1.1.1 the ping fails. A ping from Node 3 within VPRN 300 to 30.1.1.1 is successful. What is the cause of the problem?

```
   Node 4
# show router 300 route-table

=============================================================
Route Table (Service: 300)
=============================================================
Dest Address      Next Hop      Type    Proto    Age         Metric    Pref
-------------------------------------------------------------
5.5.5.5/32        10.10.1.3     Remote  BGP VPN  00h35m52s 0           170
30.1.1.0/24       10.10.1.3     Remote  BGP VPN  01h03m11s 0           170

# ping router 300 30.1.1.1
MINOR: CLI No route to destination "30.1.1.1".
```

A. No local interface existed in VPRN 300 route-table on Node 4

B. Syntax problem in the ping command

C. Prefix 30.1.1.1 does not exist on the far-end

D. Source address has to be specified in the ping command

E. Next-hop address has to be specified in the ping command

Correct Answer: A

QUESTION 3

Node 1 receives some VPRN routes from Node 2, but Node 2 is not receiveing any VPRN routes from Node 1. Routes in VPRN 400 route table are found on Node 1 as follows: Based on the configuration below, why is Node 2 not receiving BGP VPN routes from Node 1?

```
Route Table (Service: 400)
===========================================================
Dest Address      Next Hop       Type    Proto    Age        Metric   Pref
-----------------------------------------------------------
192.168.40.0/24   to-CPE1        Local   Local    01h39m36s 0          0
192.168.1.1/32    192.168.40.2   Remote  Static   01h27m24s 1          5
192.168.41.0/24   10.10.1.4      Remote  BGP VPN  00h35m37s 0          170
```

```
Node 1
        policy-options
            begin
            prefix-list "exportVPRN100"
                prefix 192.168.0.0/16 longer
            exit
            community "exportVPRN100" members "target:65535:100" "target:65535:101"
            community "importVPRN100" members "target:65535:101"
            policy-statement "export-VPRN100"
                entry 10
                    from
                        prefix-list "exportVPRN100"
                    exit
                    action accept
                        community add "target:65535:101"
                    exit
                exit
            policy-statement "import-VPRN100"
                entry 10
                    from
                        community "importVPRN100"
                    exit
                    action accept
                exit
        vprn 400 customer 1 create
            vrf-import "import-VPRN400"
            vrf-export "export-VPRN400"
            route-distinguisher 65535:400
            spoke-sdp 10 create
            interface "to-CPE1" create
                address 192.168.40.1/24
                sap 1/1/3:4 create
            exit
            no shutdown
```

```
Node 2
        vprn 400 customer 1 create
            vrf-target target:65535:101
            route-distinguisher 65535:400
            spoke-sdp 10 create
            interface "to-CPE2" create
                address 192.168.41.1/24
                sap 1/1/3:4 create
            exit
            no shutdown
```

A. VRF import and export policies defined on Node 1 do not match with vrf-target defined on Node 2

B. Prefix-list exportVPRN100 is applied on Node 1 but not on Node 2

C. More than one import route targets are defined on Node 1 and only one defined on Node 2

D. VRF target has to be defined on Node 1 as well

E. Community target:65535:101 is not defined on Node 1

Correct Answer: E

QUESTION 4

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 5

What MPLS tunnel label(s) will be used in the data packet traveling on LSP toR4 FRR leaving from Node 3 to Node 4?

```
Node 3

# show router mpls lsp toR4FRR path detail

=================================================================
MPLS LSP toR4FRR Path   (Detail)
=================================================================
Legend :
    @ - Detour Available        # - Detour In Use
    b - Bandwidth Protected     n - Node Protected
=================================================================
-----------------------------------------------------------------
LSP toR4FRR Path toPod4
-----------------------------------------------------------------
LSP Name    : toR4FRR          Path LSP ID     : 17
From        : 10.10.1.3        To              : 10.10.1.4
Adm State   : Up               Oper State      : Up
Path Name   : toPod4           Path Type       : Primary
Path Admin  : Up               Path Oper       : Up
OutInterface: n/a              Out Label       : n/a
Path Up Time: 0d 00:06:15      Path Dn Time    : 0d 00:00:00
Retry Limit : 0                Retry Timer     : 30 sec
RetryAttempt: 3                Next Retry In   : 6 sec
Bandwidth   : No Reservation   Oper Bandwidth  : 0 Mbps
Hop Limit   : 255
Record Route: Record           Record Label    : Record
Oper MTU    : 9198             Negotiated MTU  : 9198
Adaptive    : Enabled          MBB State       : N/A
Include Grps:                  Exclude Grps    :
None                           None
Path Trans  : 19               CSPF Queries    : 6
Failure Code: badNode          Failure Node    : 10.1.5.1
ExplicitHops:
    10.10.1.4
Actual Hops :
    10.1.5.2(10.10.1.3) @ #
 -> 10.1.4.2(10.10.1.4)        Record Label    : 131068
=================================================================

# show router mpls bypass-tunnel

-----------------------------------------------------------------
MPLS Bypass Tunnels
=================================================================
To              State   Out I/F   Out Label   Reserved    Protected
                                               BW (Kbps)   LSP Count
-----------------------------------------------------------------
10.1.4.2        Active  1/1/6     131069      0           2
-----------------------------------------------------------------
Bypass Tunnels : 1
```

A. 131069 131068

B. 131068 3

C. 131069

D. 131068

E. No label is used in the data packet

Correct Answer: A