



# 4A0-110<sup>Q&As</sup>

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

Node 1 and Node 2 are directly connected running LDP. The system ip address of Node 2 is 10.10.10.1.2. Based on the following display, why is the sdp down?

Node 1

```

show service sdp 40 detail
-----
Sdp Id 40  -(10.10.1.2)
-----
SDP Id           : 40
Admin Path MTU   : 0
Far End          : 10.10.1.2
Admin State      : Up
Signaling        : TLDP
Acct. Pol        : None
Last Status Change : 12/18/2006 16:29:39
Last Mgmt Change  : 12/15/2006 14:49:51
Flags            : TransportTunnDown

Oper Path MTU    : 0
Delivery         : LDP
Oper State       : Down
VLAN VC Etype   : 0x8100
Collect Stats    : Disabled
Adv. MTU Over.   : No

Keepalive Information :
Admin State        : Disabled
Hello Time         : 10
Hello Timeout      : 5
Max Drop Count     : 3
Tx Hello Msgs     : 0

Oper State        : Disabled
Hello Msg Len     : 0
Unmatched Replies : 0
Hold Down Time    : 10
Rx Hello Msgs    : 0
  
```

```

LDP Sessions
-----
Peer LDP Id      Adj Type State      Msg Sent  Msg Recv  Up Time
-----
10.10.1.2:0     Targeted Established  31285     116633    3d 04:25:55
  
```

- A. Local SDP id does not match with the remote sdp id.
- B. Far End IP address is not reachable.
- C. Keepalive has to be enable on the SDP.
- D. LDP is not enable on the remote node's interface.
- E. Targeted LDP session is disabled on the remote node.

Correct Answer: A

### QUESTION 2

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 configuration



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

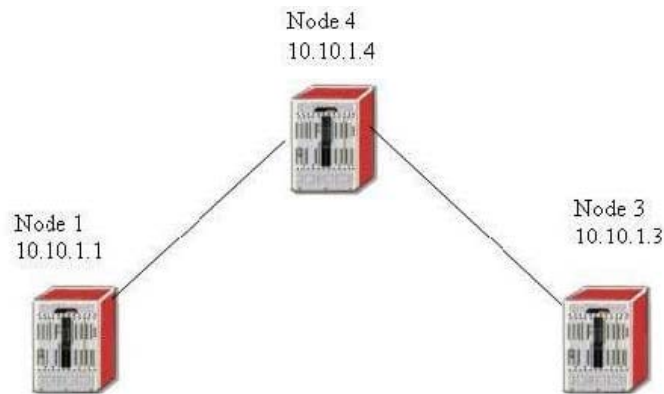


- C. ISIS Area addresses are not configured on both routers
- D. L1 wide Metrics are disabled on the routers
- E. ISIS Circuit id does not match on Node-1 and Node-2

Correct Answer: C

### QUESTION 3

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 ToDestination. 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 4

VPRN 300 is configured on Node 3 and Node 4 with LDP as the transport. No VPN routes are exchanged between Node 3 and Node 4. What is the cause of the problem?

Node 3

```
Route Table (Service: 300)
=====
Dest Address      Next Hop          Type   Proto   Age           Metric  Pref
-----
30.1.1.0/24       toCPE3            Local  Local   00h07m42s 0      0
```

Node 4

```
Route Table (Service: 300)
=====
Dest Address      Next Hop          Type   Proto   Age           Metric  Pref
-----
30.1.2.0/24       toCPE4            Local  Local   00h00m05s 0      0
40.1.1.1/32       30.1.2.2          Remote Static  00h00m05s 1      5
```

Node 3

```
community "VPRN300IN" members "target:100:100"
community "VPRN300OUT" members "target:100:100" "target:200:200"
policy-statement "VPRN300IN"
  entry 10
    from
      community "VPRN300IN"
    exit
    action accept
  exit
exit
policy-statement "VPRN300OUT"
  entry 10
    action accept
    community add "VPRN300OUT"
  exit
exit
exit
```

Node 3



```
# show service id 300 base
=====
Service Basic Information
=====
Service Id       : 300                Vpn Id           : 0
Service Type    : VPRN
Customer Id     : 1
Last Status Change: 04/28/2007 10:20:08
Last Mgmt Change  : 04/30/2007 12:13:01
Admin State     : Up                 Oper State       : Up

Route Dist.     : 100:100
AS Number       : None               Router Id        : 10.10.1.3
ECMP            : Enabled            ECMP Max Routes  : 1
Max Routes      : No Limit           Auto Bind       : LDP
Vrf Target      : target:100:101
Vrf Import      : VPRN300IN
Vrf Export      : VPRN300OUT

SAP Count       : 1                 SDP Bind Count   : 0
-----
Service Access & Destination Points
-----
Identifier      Type      AdmMTU  OprMTU  Adm    Opr
-----
sap:1/1/7:3.4  qinq     1522    1522    Up     Up
```

Node 4

```
# show service id 300 base
=====
Service Basic Information
=====
Service Id       : 300                Vpn Id           : 0
Service Type    : VPRN
```

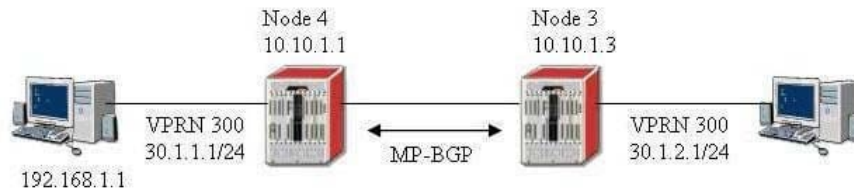
- A. VRF policy configured on Node 3 does not match with vrf-target configured on Node 4
- B. No SDP defined in the VPRN configuration on both nodes
- C. VRF-target mismatch on Node 3 and Node 4
- D. Route-distinguisher mismatch on Node 3 and Node 4
- E. Encapsulation type mismatch on SAPs on Node 3 and Node 4

Correct Answer: A

### QUESTION 5

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 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

Hold Time    : 30          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 lip
  vrf-target target:100:100
  interface "toCPE4" create
    address 30.1.2.1/24
    ssp 1/1/3 create
  exit
  static-routes 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
  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
  
```



- 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

[Latest 4A0-110 Dumps](#)

[4A0-110 PDF Dumps](#)

[4A0-110 Practice Test](#)