4A0-110Q&As

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QUESTION 1

Which one of the following routes should be the best BGP route according to the Alcatel VPRN route selection criteria?

```
# show router 300 bgp routes

 Legend -
 Status codes  : s - suppressed, h - history, d - decayed, * - valid
 Origin codes  : i - IGP, e - EGP, ? - incomplete,

===============================================================================
BGP Routes
===============================================================================
Flag  Network                                Nexthop        LocalPref    MED
      VPN Label                              As-Path
-------------------------------------------------------------------------------
 *i   10.1.4.0/24                           30.1.2.2         none         200
                                            400

 *e   10.1.4.0/24                           30.1.3.2         none         none
                                            400 500

 *?   10.1.4.0/24                           30.1.4.2         none         none
                                            400

 *?   10.1.4.0/24                           30.1.5.2         none         100
                                            400

 *i   10.1.4.0/24                           30.1.6.2         none         100
                                            400 500
```

A. The 1st route

B. The 2nd route

C. The 3rd route

D. The 4th route

E. Node of the above

Correct Answer: D

QUESTION 2

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 3

Two routers are physically connected running ISIS. ISIS L2 adjacency is up and running but L1 adjacency is not up. Review the configuration information shown below: Which of the following statement best describe the cause of the problem? Select one answer only.

Pod-1

```
config>router>
        isis
        interface "toPod2"
        exit

# show router isis interface detail
===============================================================================
ISIS Interfaces
===============================================================================
-------------------------------------------------------------------------------
Interface      : toPod2                          Level Capability: L1L2
Oper State     : Up                              Admin State     : Up
Auth Type      : None
Circuit Id     : 2                               Retransmit Int. : 5
Type           : Broadcast                       LSP Pacing Int. : 100
Mesh Group     : Inactive                        CSNP Int.       : 10
Bfd Enabled    : No

  Level        : 1                               Adjacencies     : 0
  Desg. IS     : Pod1
  Auth Type    : None                            Metric          : 10
  Hello Timer  : 9                               Hello Mult.     : 3
  Priority     : 64                              Passive         : No

  Level        : 2                               Adjacencies     : 1
  Desg. IS     : Pod1
  Auth Type    : None                            Metric          : 10
  Hello Timer  : 9                               Hello Mult.     : 3
  Priority     : 64                              Passive         : No
```

Pod-2

```
config>router>
         isis
         interface "toPod1"
         exit

# show router isis interface detail

===============================================================================
ISIS Interfaces
===============================================================================
-------------------------------------------------------------------------------
Interface      : toPod1                          Level Capability: L1L2
Oper State     : Up                              Admin State     : Up
Auth Type      : None
Circuit Id     : 3                               Retransmit Int. : 5
Type           : Broadcast                       LSP Pacing Int. : 100
Mesh Group     : Inactive                        CSNP Int.       : 10
Bfd Enabled    : No

  Level        : 1                               Adjacencies     : 0
  Desg. IS     : Pod2
  Auth Type    : None                            Metric          : 10
  Hello Timer  : 9                               Hello Mult.     : 3
  Priority     : 64                              Passive         : No

  Level        : 2                               Adjacencies     : 1
  Desg. IS     : Pod1
  Auth Type    : None                            Metric          : 10
  Hello Timer  : 9                               Hello Mult.     : 3
  Priority     : 64                              Passive         : No
```

A. The ISIS interface level is not configured on both routers

B. The ISIS interface type should be configured as point-to-point interfaces

C. ISIS System IDs are not configured on both routers

D. ISIS Area addresses are not configured on both routers

E. ISIS level capacity are not configured on both routers

Correct Answer: D

QUESTION 4

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 5

Two routers are physically connected to each other over Ethernet port 1/1/1. Review the configuration information shown below. What state should the OSPF neighbor be in?

```
config> port 1/1/1
            no shutdown
        router interface toNode2
            address 10.1.5.1/24
            port 1/1/1
        router ospf
            area 0.0.0.0
                interface "toNode2"
                     hello-interval 15
                    dead-interval 40
```

Node 2

```
config> port 1/1/1
          no shutdown
        router interface toNode1
            address 10.1.5.2/24
            port 1/1/1
        router ospf
            area 0.0.0.0
                interface "toNode1"
```

A. INIT

B. EXCHANGE

C. EXSTART

D. FULL

E. No OSPF neighbor

Correct Answer: E