

Exam Name:	Alcatel-Lucent Advanced Troubleshooting		
Exam Type:	Alcatel-Lucent		
Exam Code:	4A0-110	Total Questions:	40

**Question: 1**

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

**Answer: E**

**Question: 2**

Which of the following debug statements can be used to troubleshoot if the OSPF adjacency is staying at xstart state? Select two answers.

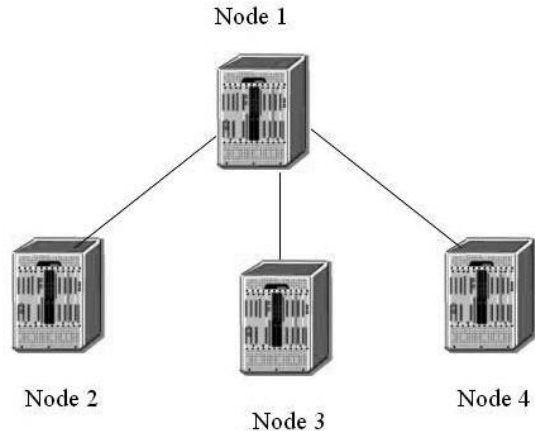
- A. Debug router ospf rtm
- B. Debug router ospf packet dbdescr
- C. Debug router ospf neighbor
- D. Debug router ospf packet hello
- E. Debug router ospf spf

**Answer: B, C**

**Question: 3**

Based on the following configuration, which of the following statements are true? Choose all that apply.

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```

Node-1
config>router>ospf#
  area 0.0.0.0
    interface "to-Node-2"
      metric 50
      authentication-key "DoGpEhE4333mNp52Iug6Z82" hash2
    interface "to-Node-3"
      metric 50
  area 0.0.0.1
    nssa
      originate-default-route
    interface "to-Node-4"
      metric 50

```

```

Node-2
config>router>ospf#
  area 0.0.0.0
    interface "to-Node-1"
      authentication-key " Sb77iS4bPCeH2Arm5iaFuHAXNbniAg82" hash2

```

```

Node-3
config>router>ospf#
  area 0.0.0.0
    interface "to-Node-1"
      hello-interval 15

```

```

Node-4
config>router>ospf#
  area 0.0.0.1
    interface "to-Node-1"
      metric 50

```

- A. No OSPF adjacency found on Node 1
- B. Full OSPF adjacency between Node-1 and Node-2
- C. Full OSPF adjacency between Node-1 and Node-3
- D. Full OSPF adjacency between Node-1 and Node-4
- E. OSPF is enabled on Node 1

**Answer: B, E**

**Question: 4**

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