

➤ **Vendor: Cisco**➤ **Exam Code: 200-301**➤ **Exam Name: CCNA - Cisco Certified Network Associate**➤ **New Updated Questions from [Braindump2go](#) (Updated in [May/2020](#))****Visit Braindump2go and Download Full Version 200-301 Exam Dumps****QUESTION 96**

Refer to the exhibit. An engineer configured NAT translations and has verified that the configuration is correct.

Pro	Inside global	Inside local	Outside local	Outside global
tcp	172.23.104.3:43268	10.4.4.4:43268	172.23.103.10:23	172.23.103.10:23
tcp	172.23.104.4:45507	10.4.4.5:45507	172.23.103.10:80	172.23.103.10:80

Which IP address is the source IP?

- A. 10.4.4.4
- B. 10.4.4.5
- C. 172.23.103.10
- D. 172.23.104.4

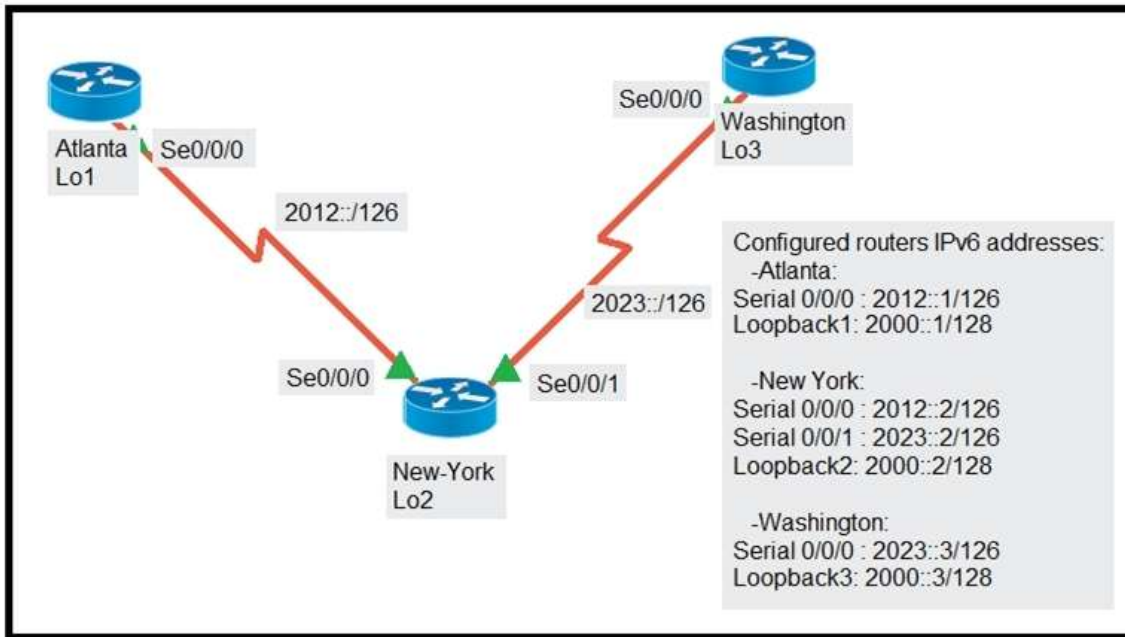
**Answer: A**

**Explanation:**

The source IP address is the IP address of the sending packets so it is the "inside local" address.

**QUESTION 97**

Refer to the exhibit. The New York router is configured with static routes pointing to the Atlanta and Washington sites. Which two tasks must be performed so that the Serial0/0/0 interfaces on the Atlanta and Washington routers can reach one another? (Choose two.)



- A. Configure the ipv6 route 2012::/126 2023::1 command on the Washington router
- B. Configure the ipv6 route 2023::/126 2012::1 command on the Atlanta router.
- C. Configure the Ipv6 route 2012::/126 s0/0/0 command on the Atlanta router
- D. Configure the ipv6 route 2023::/126 2012::2 command on the Atlanta router
- E. Configure the ipv6 route 2012::/126 2023::2 command on the Washington router

**Answer: DE**

**Explanation:**

The short syntax of static IPv6 route is:

ipv6 route <destination-IPv6-address> {next-hop-IPv6-address | exit-interface}

#### QUESTION 98

A user configured OSPF and advertised the Gigabit Ethernet interface in OSPF. By default, which type of OSPF network does this interface belong to?

- A. point-to-multipoint
- B. point-to-point
- C. broadcast
- D. nonbroadcast

**Answer: C**

**Explanation:**

The Broadcast network type is the default for an OSPF enabled ethernet interface (while Point-to-Point is the default OSPF network type for Serial interface with HDLC and PPP encapsulation).

Reference: <https://www.oreilly.com/library/view/cisco-ios-cookbook/0596527225/ch08s15.html>

#### QUESTION 99

An engineer is asked to protect unused ports that are configured in the default VLAN on a switch. Which two steps will fulfill the request? (Choose two)

- A. Configure the ports in an EtherChannel.
- B. Administratively shut down the ports
- C. Configure the port type as access and place in VLAN 99
- D. Configure the ports as trunk ports

E. Enable the Cisco Discovery Protocol

**Answer:** BC

**QUESTION 100**

Which output displays a JSON data representation?

- A.
- ```
{
  "response",{
    "taskId",{
      "url","string"
    };
    "version", "string"
  }
}
```
- B.
- ```
{
  "response":{
    "taskId",{
      "url","string"
    };
    "version"; "string"
  }
}
```
- C.
- ```
{
  "response"- {
    "taskId"- {};
    "url"- "string"
  },
  "version"- "string"
}
```
- D.
- ```
{
  "response":{
    "taskId":{
      "url": "string"
    },
    "version": "string"
  }
}
```

- A. Option A  
B. Option B  
C. Option C  
D. Option D

**Answer:** D

**Explanation:**

JSON data is written as name/value pairs.

A name/value pair consists of a field name (in double quotes), followed by a colon, followed by a value:

"name": "Mark"

JSON can use arrays. Array values must be of type string, number, object, array, boolean or null. For example:

```
{
  "name": "John",
```

```
"age":30,  
"cars":["Ford", "BMW", "Fiat" ]  
}  
JSON can have empty object like "taskId":{}
```

**QUESTION 101**

An engineer must configure a WLAN using the strongest encryption type for WPA2-PSK. Which cipher fulfills the configuration requirement?

- A. WEP
- B. RC4
- C. AES
- D. TKIP

**Answer: C**

**Explanation:**

Many routers provide WPA2-PSK (TKIP), WPA2-PSK (AES), and WPA2-PSK (TKIP/AES) as options. TKIP is actually an older encryption protocol introduced with WPA to replace the very-insecure WEP encryption at the time. TKIP is actually quite similar to WEP encryption. TKIP is no longer considered secure, and is now deprecated. In other words, you shouldn't be using it. AES is a more secure encryption protocol introduced with WPA2 and it is currently the strongest encryption type for WPA2-PSK/

**QUESTION 102**

When configuring an EtherChannel bundle, which mode enables LACP only if a LACP device is detected?

- A. Passive
- B. Desirable
- C. On
- D. Auto
- E. Active

**Answer: A**

**Explanation:**

The LACP is Link Aggregation Control Protocol. LACP is an open protocol, published under the 802.3ad. The modes of LACP are active, passive or on. The side configured as "passive" will waiting the other side that should an Active for the Etherchannel to be established.

PAGP is Port-Aggregation Protocol. It is Cisco proprietary protocol. The mode are On, Desirable or Auto. Desirable – Auto will establish a EtherChannel.

An example of how to configure an Etherchannel:

```
SwitchFormula1>enable
```

```
SwitchFormula1#configure terminal
```

```
SwitchFormula1(config)# interface range f0/5 -14
```

```
SwitchFormula1(config-if-range)# channel-group 13 mode ?
```

```
active Enable LACP unconditionally
```

```
auto Enable PAGP only if a PAGP device is detected
```

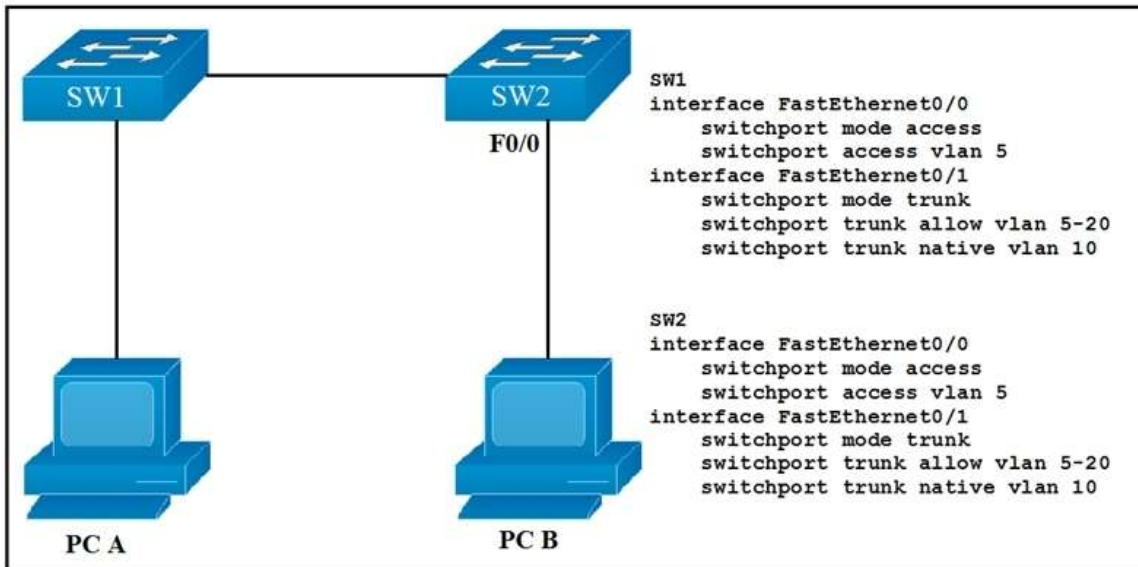
```
desirable Enable PAGP unconditionally
```

```
on Enable Etherchannel only
```

```
passive Enable LACP only if a LACP device is detected
```

**QUESTION 103**

Refer to the exhibit. Which VLAN ID is associated with the default VLAN in the given environment?



- A. VLAN 1
- B. VLAN 5
- C. VLAN 10
- D. VLAN 20

**Answer:** A

#### QUESTION 104

Which two VLAN IDs indicate a default VLAN? (Choose two.)

- A. 0
- B. 1
- C. 1005
- D. 1006
- E. 4096

**Answer:** BC

#### Explanation:

VLAN 1 is a system default VLAN, you can use this VLAN but you cannot delete it. By default VLAN 1 is use for every port on the switch.

Standard VLAN range from 1002-1005 it's Cisco default for FDDI and Token Ring. You cannot delete VLANs 1002-1005. mostly we don't use VLAN in this range.

#### QUESTION 105

Refer to the exhibit. Which statement about the interface that generated the output is true?

```
Port Security          : Enabled
Port Status           : Secure-up
Violation Mode        : Shutdown
Aging Time            : 0 mins
Aging Type            : Absolute
SecureStatic Address Aging : Disabled
Maximum MAC Addresses : 5
Total MAC Addresses   : 1
Configured MAC Addresses : 1
Sticky MAC Addresses  : 0
Last Source Address : Vlan : 0001.0fAA.33BB:1
Security Violation Count : 0
```

- A. A syslog message is generated when a violation occurs.
- B. One secure MAC address is manually configured on the interface.
- C. One secure MAC address is dynamically learned on the interface.
- D. Five secure MAC addresses are dynamically learned on the interface.

**Answer: B**

#### **QUESTION 106**

Which command should you enter to view the error log in an EIGRP for IPv6 environment?

- A. show ipv6 eigrp neighbors
- B. show ipv6 eigrp topology
- C. show ipv6 eigrp traffic
- D. show ipv6 eigrp events

**Answer: D**