

➤ **Vendor: Cisco**

➤ **Exam Code: 350-401**

➤ **Exam Name: Implementing and Operating Cisco Enterprise Network Core Technologies (ENCOR)**

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#### QUESTION 205

Refer to the exhibit. A network engineer configures a GRE tunnel and enters the show Interface tunnel command. What does the output confirm about the configuration?

```
Tunnel100 is up, line protocol is up
Hardware is Tunnel
Internet address is 192.168.200.1/24
MTU 17912 bytes, BW 100 Kbit/sec, DLY 50000 usec,
  reliability 255/255, txload 1/255, rxload 1/255
Encapsulation TUNNEL, loopback not set
Keepalive set (10 sec), retries 3
Tunnel source 209.165.202.129 (GigabitEthernet0/1)
Tunnel Subblocks:
  src-track:
    Tunnel100 source tracking subblock associated with GigabitEthernet0/1
    Set of tunnels with source GigabitEthernet0/1, 1 members (includes iterators), on interface <OK>
Tunnel protocol/transport GRE/IP
Key disabled, sequencing disabled
Checksumming of packets disabled
Tunnel TTL 255, Fast tunneling enabled
Tunnel transport MTU 1476 bytes
```

- A. The keepalive value is modified from the default value.
- B. Interface tracking is configured.
- C. The tunnel mode is set to the default.
- D. The physical interface MTU is 1476 bytes.

**Answer: C**

#### QUESTION 206

Refer to the exhibit. An engineer is using XML in an application to send information to a RESTCONF-enabled device. After sending the request, the engineer gets this response message and a HTTP response code of 400. What do these responses tell the engineer?

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```
<errors xmlns="urn:ietf:params:xml:ns:yang:ietf-restconf">
  <error>
    <error-message>End-of-file reached in XML
stream</error-message>
    <error-path>/ietf-interfaces:interfaces/interface=Gigabi
tEthernet2</error-path>
    <error-tag>malformed-message</error-tag>
    <error-type>application</error-type>
  </error>
</errors>
```

- A. The Accept header sent was application/xml
- B. POST was used instead of PUT to update
- C. The Content-Type header sent was application/xml.
- D. JSON body was used

**Answer: C**

**Explanation:**

External RESTful services return common HTTP response codes as described in the tables below. In addition to the status codes returned in the response header, each response may have additional content (in JSON format) according to the nature of the request.

This response can have several causes, and here are some common ones:

- The content-type header is missing
- Content-type does not match the submitted body data
- Submitted body data does not respect the JSON or XML format

#### QUESTION 207

Refer to the exhibit. An engineer attempts to configure a router on a stick to route packets between Clients, Servers, and Printers; however, initial tests show that this configuration is not working.

```
interface Vlan10
ip vrf forwarding Clients
ip address 192.168.1.1 255.255.255.0
!
interface Vlan20
ip vrf forwarding Servers
ip address 172.16.1.1 255.255.255.0
!
interface Vlan30
ip vrf forwarding Printers
ip address 10.1.1.1 255.255.255.0
-- output omitted for brevity --
router eigrp 1
10.0.0.0
172.16.0.0
192.168.1.0
```

Which command set resolves this issue?

A. 

```
router eigrp 1
network 10.0.0.0 255.255.255.0
network 172.16.0.0 255.255.255.0
network 192.168.1.0 255.255.255.0
```

B. 

```
interface Vlan10
no ip vrf forwarding Clients
!
interface Vlan20
no ip vrf forwarding Servers
!
interface Vlan30
no ip vrf forwarding Printers
```



- C.
- ```

interface Vlan10
no ip vrf forwarding Clients
ip address 192.168.1.2 255.255.255.0
!
interface Vlan20
no ip vrf forwarding Servers
ip address 172.16.1.2 255.255.255.0
!
interface Vlan30
no ip vrf forwarding Printers
ip address 10.1.1.2 255.255.255.0

```
- D.
- ```

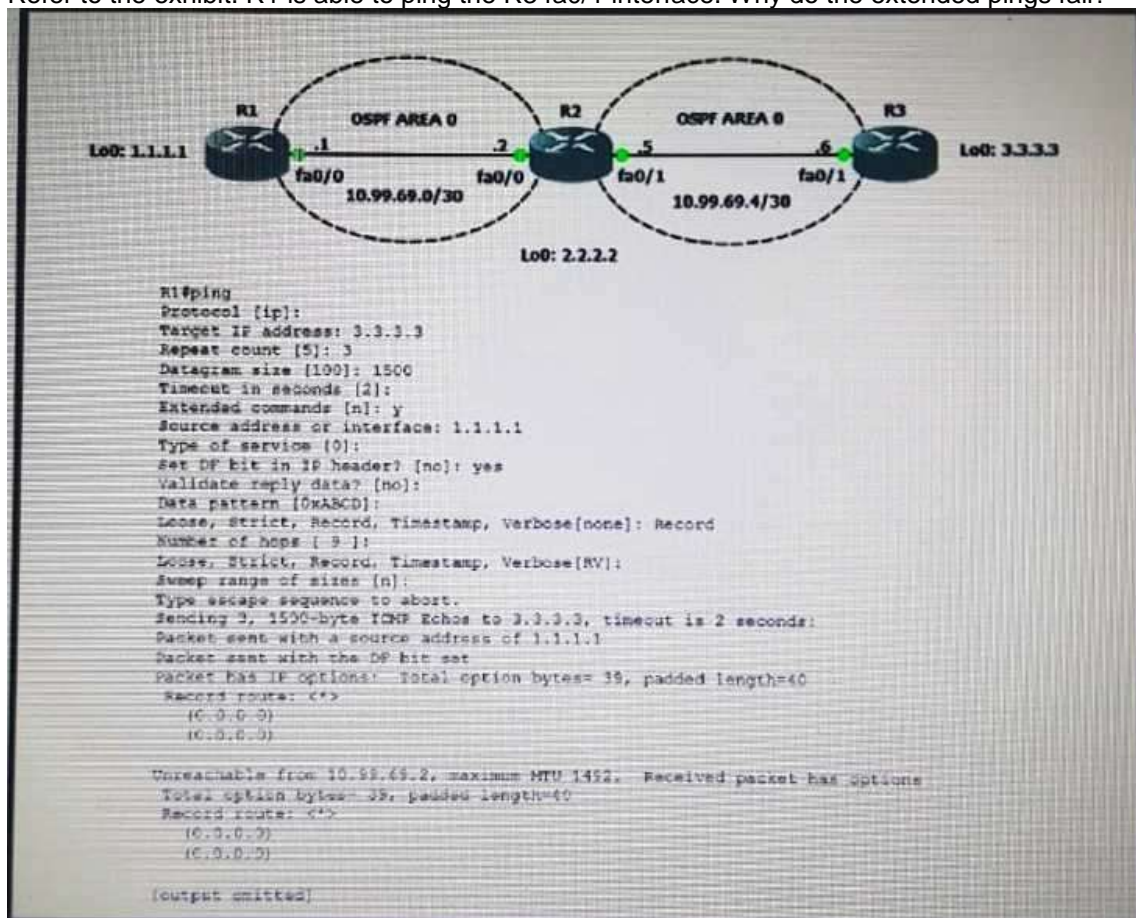
router eigrp 1
network 10.0.0.0 255.0.0.0
network 172.16.0.0 255.255.0.0
network 192.168.1.0 255.255.0.0

```

Answer: C

#### QUESTION 208

Refer to the exhibit. R1 is able to ping the R3 fa0/1 interface. Why do the extended pings fail?



- A. The maximum packet size accepted by the command is 1476 bytes.

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- B. R3 is missing a return route to 10.99.69.0/30
- C. R2 and R3 do not have an OSPF adjacency
- D. The DF bit has been set

**Answer:** D

**QUESTION 209**

How does SSO work with HSRP to minimize network disruptions?

- A. It enables HSRP to elect another switch in the group as the active HSRP switch.
- B. It ensures fast failover in the case of link failure.
- C. It enables data forwarding along known routes following a switchover, while the routing protocol reconverges.
- D. It enables HSRP to failover to the standby RP on the same device.

**Answer:** A

**Explanation:**

SSO enables the standby RP to take over if the active RP fails.

**QUESTION 210**

Refer to the exhibit. Which command allows hosts that are connected to FastEthernet0/2 to access the Internet?

```
!
interface FastEthernet0/1
 ip address 209.165.200.225 255.255.255.224
 ip nat outside
!
interface FastEthernet0/2
 ip address 10.10.10.1 255.255.255.0
 ip nat inside
!
access-list 10 permit 10.10.10.0 0.0.0.255
!
```

- A. ip nat inside source list 10 interface FastEthernet0/1 overload
- B. ip nat inside source list 10 interface FastEthernet0/2 overload
- C. ip nat outside source list 10 interface FastEthernet0/2 overload
- D. ip nat outside source static 209.165.200.225 10.10.10.0 overload

**Answer:** A

**QUESTION 211**

An engineer configures monitoring on SW1 and enters the show command to verify operation. What does the output confirm?

```
SW1#sh monitor session all
Session 1
-----
Type                : Remote Destination Session
Source RSPAN VLAN   : 50

Session 2
-----
Type                : Local Session
Source Ports        :
  Both              : Fa0/14
Destination Ports   : Fa0/15
Encapsulation       : Native
Ingress             : Disables
```

- A. SPAN session 1 monitors activity on VLAN 50 of a remote switch
- B. SPAN session 2 only monitors egress traffic exiting port FastEthernet 0/14.
- C. SPAN session 2 monitors all traffic entering and exiting port FastEthernet 0/15.
- D. RSPAN session 1 is incompletely configured for monitoring

**Answer: C**

#### QUESTION 212

Which outbound access list, applied to the WAN interface of a router, permits all traffic except for http traffic sourced from the workstation with IP address 10.10.10.1?

- A. 

```
ip access-list extended 100
deny tcp host 10.10.10.1 any eq 80
permit ip any any
```
- B. 

```
ip access-list extended 200
deny tcp host 10.10.10.1 eq 80 any
permit ip any any
```
- C. 

```
ip access-list extended NO_HTTP
deny tcp host 10.10.10.1 any eq 80
```
- D. 

```
ip access-list extended 10
deny tcp host 10.10.10.1 any eq 80
permit ip any any
```

**Answer: A**

#### QUESTION 213

Which two characteristics define the Intent API provided by Cisco DNA Center? (Choose two.)

- A. northbound API
- B. business outcome oriented
- C. device-oriented
- D. southbound API
- E. procedural

**Answer: AB**

**Explanation:**

The Intent API is a *Northbound* REST API that exposes specific capabilities of the Cisco DNA Center platform.

The Intent API provides policy-based abstraction of business intent, allowing focus on an outcome rather than struggling with individual mechanisms steps.

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**QUESTION 214**

Refer to the exhibit. An engineer must create a configuration that executes the show run command and then terminates the session when user CCNP logs in.

Which configuration change is required?

```
aaa new-model
aaa authentication login default local-case enable
aaa authentication login ADMIN local-case
username CCNP secret Str0ngP@ssw0rd!
line 0 4
  login authentication ADMIN
```

- A. Add the access-class keyword to the username command
- B. Add the access-class keyword to the aaa authentication command
- C. Add the autocmd keyword to the username command
- D. Add the autocmd keyword to the aaa authentication command

**Answer: C**

**QUESTION 215**

Refer to the exhibit. What is the effect of the configuration?

```
aaa new-model
aaa authentication login authorizationlist tacacs+
tacacs-server host 192.168.0.202
tacacs-server key ciscotestkey
line vty 0 4
  login authentication authorizationlist
```

- A. The device will allow users at 192.168.0.202 to connect to vty lines 0 through 4 using the password ciscotestkey
- B. The device will allow only users at 192.168.0.202 to connect to vty lines 0 through 4
- C. When users attempt to connect to vty lines 0 through 4, the device will authenticate them against TACACS+ if local authentication fails
- D. The device will authenticate all users connecting to vty lines 0 through 4 against TACACS+

**Answer: D**

**QUESTION 216**

How is a data modeling language used?

- A. To enable data to be easily structured, grouped, validated, and replicated
- B. To represent finite and well-defined network elements that cannot be changed.
- C. To model the flows of unstructured data within the infrastructure.
- D. To provide human readability to scripting languages

**Answer: D**

**Explanation:**

replacing the process of manual configuration. Data models are written in a standard, industry-defined language. Although configurations using CLIs are easier (more human-friendly), automating the configuration using data models results in scalability.