

CCNP(300-135) dumps V2.0

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QUESTION 1

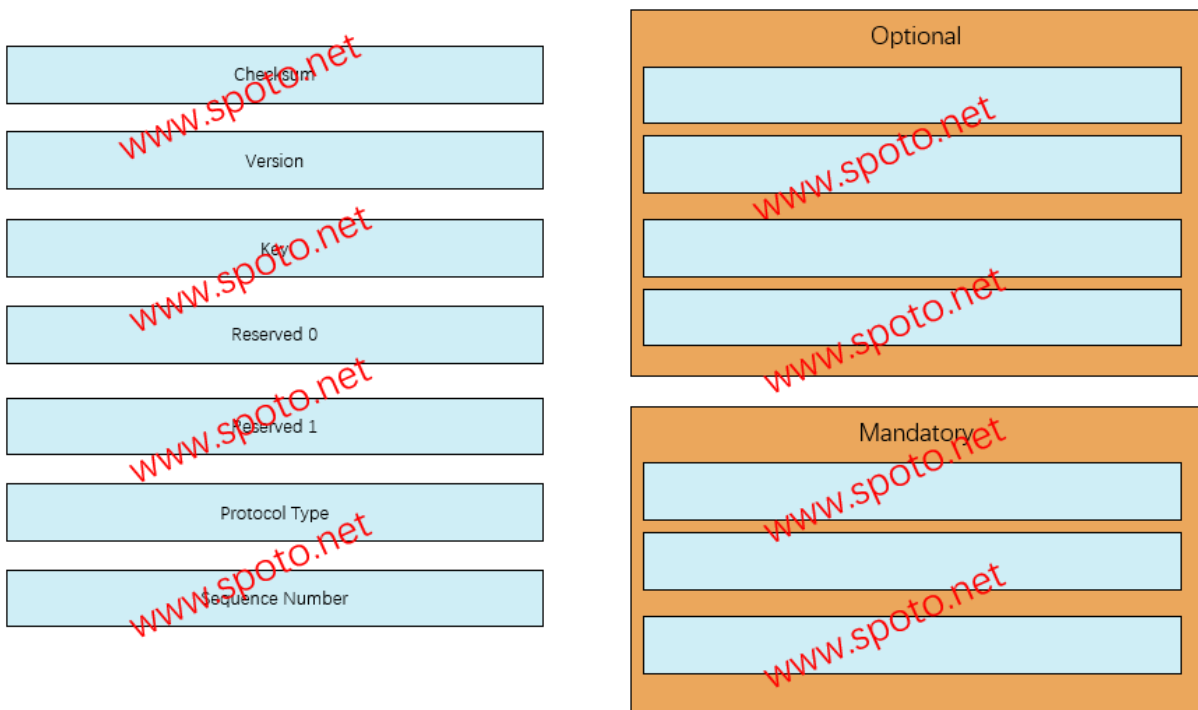
What can you modify in an extended ping?

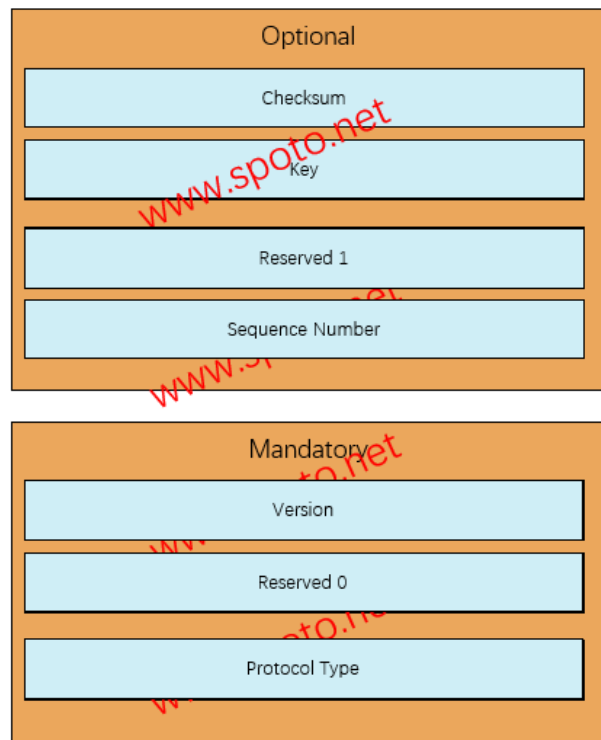
- A. Value
- B. Strict
- C. Record
- D. Timestamp
- E. TTL

Correct Answer: BCD

QUESTION 2

Gre Tunnel Header Mandatory and Optional





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QUESTION 1

On Which device is the fault condition located?

- A. R1
- B. R2
- C. R3
- D. R4
- E. DSW1
- F. DSW2
- G. ASW1
- H. ASW2

Correct Answer: G

QUESTION 2

The Fault Condition is related to which technology?

- A. NTP
- B. Switch to Switch Connectivity
- C. Access Vlans
- D. Port Security
- E. VLAN ACL / Port ACL
- F. Switch Virtual Interface

Correct Answer: B

QUESTION 3

What is the solution of the fault condition?

- A. In Configuration mode, using the interface port-channel 13 commands, then configure switchport trunk allowed vlan none followed by switport trunk allowed vlan 10,200 commands.
- B. In Configuration mode, using the interface port-channel 13, port-channel 23, then configure switchport trunk allowed vlan none followed by switport trunk allowed vlan 10,200 commands.
- C. In Configuration mode, using the interface port-channel 23 commands, then configure switchport trunk allowed vlan none followed by switport trunk allowed vlan 10,200 commands.
- D. In Configuration mode, using the interface port-channel 23, port-channel 24, the configure switchport trunk allowed vlan

none followed by switport trunk allowed vlan 10,20,200 commands.

Correct Answer: B

Ticket 10 EIGRP AS

TROUBLE TICKET STATEMENT:

The implementation group has been using the test bed to do a 'proof-of-concept' that required both client 1 and client 2 to access the Web Server at 209.65.200.241. After several changes to interface status, network addressing, routing schemes and layer 2 connectivity, a trouble ticket has been opened indicating that client 1 cannot ping the 209.65.200.241 (internet Server).

以下信息需要自己 show run 获得：

Client 1 is not able to reach the WebServer. Initial troubleshooting shows that DSW1 can ping the Fa0/1 interface of R4 but not the s0/0/0/0.34 interface.

Configuration on DSW1

```
router eigrp 10
network 10.1.4.4 0.0.0.0
network 10.2.1.1 0.0.0.0
network 10.2.4.13 0.0.0.0
```

no auto-summary

Configuration on DSW2

```
router eigrp 10
network 10.1.4.8 0.0.0.0
network 10.2.2.1 0.0.0.0
network 10.2.4.14 0.0.0.0
no auto-summary
```

Configuration on R4

```
router eigrp 1
network 10.1.4.5 0.0.0.0
no auto-summary
redistribute ospf 1
```

QUESTION 1

On which device is the fault condition located?

- A. R1
- B. R2
- C. R3
- D. R4
- E. DSW1
- F. DSW2
- G. ASW1
- H. ASW2

Correct Answer: D

QUESTION 2

The Fault Condition is related to which technology?

- A. NTP
- B. IP DHCP Server
- C. IPv4 OSPF Routing
- D. IPv4 EIGRP Routing
- E. IPv4 Route Redistribution
- F. IPv6 RIP Routing
- G. IPv6 OSPF Routing
- H. IPv4 and IPv6 Interoperability
- I. IPv4 layer 3 security

Correct Answer: D

QUESTION 3

What is the solution of the fault condition?

- A. Disable auto summary on the EIGRP process
- B. Enable EIGRP on the FastEthernet0/0 and FastEthernet0/1 interface using the no passive-interface.
- C. Change the AS number on the EIGRP routing process from 1 to 10 to match the AS number used on DSW1 and DSW2
- D. Under the EIGRP process, delete the network 10.1.4.0 0.0.0.255 command and enter the network 10.1.4.4 0.0.0.252 and 10.1.4.8 0.0.0.252 commands.

Correct Answer: C

Ticket 11 EIGRP redistribute

TROUBLE TICKET STATEMENT:

The implementation group has been using the test bed to do a 'proof-of-concept' that required both client 1 and client 2 to access the

Web Server at 209.65.200.241. After several changes to interface status, network addressing, routing schemes and layer 2 connectivity, a trouble ticket has been opened indicating that client 1 cannot ping the 209.65.200.241 (internet Server).

以下信息需要自己 show run 获得：

Client 1 is not able to reach the WebServer. Initial troubleshooting shows that DSW1 can ping the Fa0/1 interface of R4 but not the s0/0/0/0.34 interface.

Configuration on DSW1

```
router eigrp 10
network 10.1.4.4 0.0.0.0
CertKiller.com
network 10.2.1.1 0.0.0.0
network 10.2.4.13 0.0.0.0
```

no auto-summary

Configuration on DSW2

```
router eigrp 10
```



```
network 10.1.4.8 0.0.0.0
```

```
network 10.2.2.1 0.0.0.0
```

```
network 10.2.4.14 0.0.0.0
```

```
no auto-summary
```

Configuration on R4

```
router eigrp 10
```

```
network 10.1.4.5 0.0.0.0
```

```
no auto-summary
```

```
redistribute ospf 1 metric 100 10 255 1 1500 route-map OSPF->EIGRP
```

```
router ospf 1
```

```
network 10.1.1.8 0.0.0.0 area 34
```

```
redistribute eigrp 10 subnets
```

```
!
```

```
route-map OSPF_to_EIGRP
```

```
match ip address 1
```

```
!
```

```
access-list 1 permit 10.0.0.0 0.255.255.255
```

```
access-list 1 permit 209.0.0.0 0.255.255.255
```

QUESTION 1

On Which device is the fault condition located?

A. R1

B. R2

- C. R3
- D. R4
- E. DSW1
- F. DSW2
- G. ASW1
- H. ASW2

Correct Answer: D

Section: TROUBLE TICKET

Explanation

Explanation/Reference:

Explanation:

Since Client 1 is able to ping the near-end interface of the router R4 but not the far-end interface, we can be reasonably certain that the fault condition is with R4.

QUESTION 2

The Fault Condition is related to which technology?

- A. NTP
- B. IP DHCP Server
- C. IPv4 OSPF Routing
- D. IPv4 EIGRP Routing
- E. IPv4 Route Redistribution
- F. IPv6 RIP Routing

G. IPv6 OSPF Routing

H. IPv4 and IPv6 Interoperability

I. IPv4 layer 3 security

Correct Answer: E

Section: TROUBLE TICKET

Explanation

Explanation/Reference:

Explanation:

Client 1 is able to ping the Fa0/1 interface, which means that connectivity throughout the EIGRP 10 network is working. However, pings fail when using the s0/0/0/0.34 interface. This is the interface where OSPF is configured. This should be our first clue that the problem is with EIGRP to OSPF route redistribution. Upon closer examination of the redistribution configuration, we can see that the route-map name does not match that of the route-map referred to in the redistribution statement. These names need to match exactly.

QUESTION 3

What is the solution of the fault condition?

A. Under the EIGRP process, delete the redistribute ospf 1 router-map OSPF->EIGRP command enter the redistribute ospf 1

route-map OSPF_to_EIGRP command.

B. Under the EIGRP process, delete the redistribute ospf 1 router-map OSPF_to_EIGRP command enter the redistribute ospf 6 route-map OSPF_to_EIGRP command.

C. Under the OSPF process, delete the redistribute eigrp 10 subnets router-map EIGRP_>OSPF command enter the redistribute eigrp 10 route-map OSPF_>EIGRP command.

D. Under the OSPF process, delete the redistribute eigrp 10 subnets router-map EIGRP_>OSPF command enter the redistribute eigrp 10 subnets route-map EIGRP_>OSPF metric 20 command.

E. Under the EIGRP process, delete the redistribute ospf 1 router-map OSPF_to_EIGRP command enter the redistribute ospf 1 metric 100000 100 100 1 1500 route-map OSPF_to_EIGRP command.

Correct Answer: A

Ticket 12 DHCP

TROUBLE TICKET STATEMENT:

The implementation group has been using the test bed to do a 'proof-of-concept' that required both client 1 and client 2 to access the

Web Server at 209.65.200.241. After several changes to interface status, network addressing, routing schemes and layer 2 connectivity, a trouble ticket has been opened indicating that client 1 cannot ping the 209.65.200.241 (internet Server).

以下信息需要自己 show run 获得：

Client 1 and Client 2 are getting a 169.x.x.x IP address and are not able to ping DSW1 or the FTP Server.

They are able to ping each other.

Configuration on R4

```
!  
no ip domain lookup  
ip dhcp excluded-address 10.2.1.1 10.2.1.253  
  
ip dhcp excluded-address 10.2.1.254  
  
!  
ip dhcp pool TSHOOT  
network 10.2.1.0 255.255.255.0  
default-router 10.2.1.254  
  
!
```

QUESTION 1

On Which device is the fault condition located?

A. R1

- B. R2
- C. R3
- D. R4
- E. DSW1
- F. DSW2
- G. ASW1
- H. ASW2

Correct Answer: D

QUESTION 2

The fault condition is related to which technology?

- A. NTP
- B. IP DHCP Server
- C. IPv4 OSPF Routing
- D. IPv4 EIGRP Routing
- E. IPv4 Route Redistribution
- F. IPv6 RIP Routing
- G. IPv6 OSPF Routing
- H. IPV4 and IPV6 Interoperability
- I. IPV4 layer 3 security

Correct Answer: B

QUESTION 3

What is the solution to the fault condition ?

- A. Under the global configuration, delete the `no ip dhcp use vrf connected` command
- B. Under IP DHCP pool configuration, delete the `default-router 10.2.1.254` command and enter the `default-router 10.1.4.5` command.
- C. Under IP DHCP pool configuration, delete the `network 10.2.1.0 255.255.255.0` command and enter the `network 10.1.4.0 255.255.255.0` command.
- D. Under the global configuration, issue the `no ip dhcp excluded-address 10.2.1.1 10.2.1.253` command and enter the `ip dhcp excluded-address 10.2.1.1 10.2.1.2` command.

Correct Answer: D

Ticket 13 EIGRP Passive interface

TROUBLE TICKET STATEMENT:

The implementation group has been using the test bed to do a 'proof-of-concept' that required both client 1 and client 2 to access the Web Server at 209.65.200.241. After several changes to interface status, network addressing, routing schemes and layer 2 connectivity, a trouble ticket has been opened indicating that client 1 cannot ping the 209.65.200.241 (internet Server).

以下信息需要自己 `show run` 获得：

the neighborship between R4 and DSW1 wasn't established. Client 1

can' t ping R4

Configuration on R4

```
router eigrp 10
```

```
passive-interface default
```

```
redistribute ospf 1 route-map OSPF->EIGRP
```

```
network 10.1.4.4 0.0.0.3
```

```
network 10.1.4.8 0.0.0.3
```

```
default-metric 10000 100 255 1 10000
```

```
no auto-summary
```

QUESTION 1

On Which device is the fault condition located?

A. R1

B. R2

C. R3

D. R4

E. DSW1

F. DSW2

G. ASW1

H. ASW2

Correct Answer: D

QUESTION 2

The fault condition is related to which technology?

- A. NTP
- B. IP DHCP Server
- C. IPv4 OSPF Routing
- D. IPv4 EIGRP Routing
- E. IPv4 Route Redistribution
- F. IPv6 RIP Routing
- G. IPv6 OSPF Routing
- H. IPV4 and IPV6 Interoperability
- I. IPV4 layer 3 security

Correct Answer: D

QUESTION 3

What is the solution to the fault condition ?

- A. Remove "Passive interface" in Interface f0/1 and f0/0
- B. Disable auto summary on the EIGRP process
- C. Change the AS number on the EIGRP routing process from 1 to 10 to match the AS number used on DSW1 and DSW2
- D. Under the EIGRP process, delete the network 10.1.4.0 0.0.0.255 command and enter the network 10.1.4.4 0.0.0.252 and 10.1.4.8 0.0.0.252 commands.

Correct Answer: A