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# 642-831

Cisco Internetwork Troubleshooting (CIT)

DEMO

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**QUESTION NO: 1**

An administrator is experiencing consistent problems with dropped packets caused by congestion on the PVC. Which command will indicate that the ISP is dropping frames?

- A. show frame-relaypvc
- B. debug frame-relay dlci
- C. show frame-relaydlci
- D. debug frame-relay routing
- E. show frame-relaylmi
- F. debug frame-relay pvc

**Answer: A**

**QUESTION NO: 2**

Refer to the exhibit. R1 can ping the serial interface of R2, but R2 does not appear in the CDP neighbor table of R1. Why?



```

R1#show interfaces s0/1
Serial0/1 is up, line protocol is up
Hardware is PowerQUICC Serial
Internet address is 172.17.1.1/30
MTU 1500 bytes, BW 128 Kbit, DLY 20000 usec,
  reliability 255/255, txload 1/255, rxload 1/255
Encapsulation PPP, LCP Open
Listen: CDPCP
Open: IPCP, loopback not set
Keepalive set (10 sec)
Last input 00:00:01, output 00:00:02, output hang never
Last clearing of "show interface" counters 00:45:43
Input queue: 0/75/0/0 (size/max/drops/flushes); Total output drops: 0
Queueing strategy: weighted fair
Output queue: 0/1000/64/0 (size/max total/threshold/drops)
  Conversations 0/2/32 (active/max active/max total)
  Reserved Conversations 0/0 (allocated/max allocated)
  Available Bandwidth 96 kilobits/sec
5 minute input rate 0 bits/sec, 0 packets/sec
5 minute output rate 0 bits/sec, 0 packets/sec
708 packets input, 54670 bytes, 0 no buffer
Received 0 broadcasts, 0 runts, 0 giants, 0 throttles
0 input errors, 0 CRC, 0 frame, 0 overrun, 0 ignored, 0 abort
710 packets output, 55689 bytes, 0 underruns
0 output errors, 0 collisions, 0 interface resets
0 output buffer failures, 0 output buffers swapped out
4 carrier transitions
DCD=up DSR=up DTR=up RTS=up CTS=up
R1#

```

ActualTests

- A. incomplete LCP negotiation between R1 and R2
- B. subnet mask mismatch between R1 and R2
- C. link encapsulation mismatch between R1 and R2
- D. incomplete PPP authentication between R1 and R2
- E. incomplete NCP negotiation between R1 and R2

**Answer: E**

### QUESTION NO: 3

During a redistribution of routes from OSPF into EIGRP, an administrator notices that none of the OSPF routes are showing in EIGRP. What are two possible causes? (Choose two.)

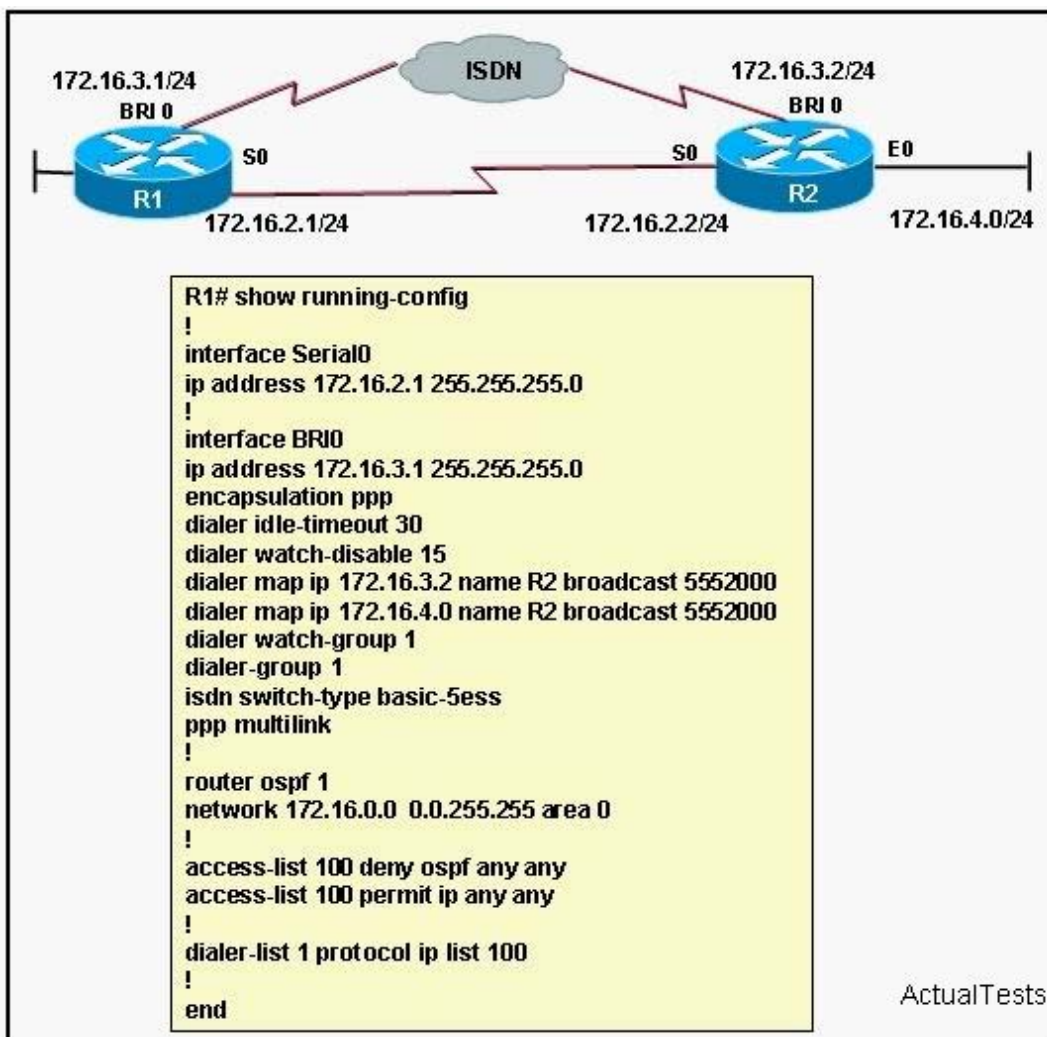
- A. missing ip classless command
- B. no default metric configured for EIGRP

- C. incorrect distribute lists have been configured
- D. CEF not enabled

**Answer: B,C**

**QUESTION NO: 4**

Refer to the exhibit. Router R1 is configured to initiate the ISDN backup connection when the primary link fails using Dialer Watch. The network administrator noticed that when the watched route 172.16.4.0/24 was deleted from the routing table, router R1 does not dial the backup link. What statement should be included in the configuration to fix the problem?



ActualTests

- A. dialer watch-list 1 ip 172.16.4.0 255.255.255.0
- B. dialer watch-list 1 ip 172.16.3.0 255.255.255.0
- C. dialer watch-list 1 ip 172.16.0.0 255.255.0.0
- D. dialer watch-list 1 ip 172.16.2.0 255.255.255.0

**Answer: A**