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Exam : **350-025**

Title : CCIE Service Provider Dial

Version : DEMO

1. What command is used to set the length of time a non-ISDN interface stays down after a call has been completed or has failed and before it is available to dial again?

A. dialer enable-timeout

B. dialer holddown

C. dialer fast-idle

D. dialer idle-timeout

E. dialer wait-for-carrier-time

Answer: A

2. interface Dialer1

ip address 1.1.1.1 255.255.255.0

encapsulation ppp

dialer remote-name Smalluserdialer

  string 4540

dialer pool 3

dialer-group 1

What statement about this configuration is true?

A. This interface is configured for legacy DDR and therefore cannot be used for dialer profiles.

B. This interface is a logical interface whose configuration is only used for inbound calls on physical interfaces in pool 3.

C. This logical interface belongs to a group of physical interfaces in group 1.

D. This configuration is not valid because it is missing the "dialer in-band" command.

E. This interface will use the name Smalluser instead of the router's hostname for authentication purposes when connecting to the remote peer.

F. None of the above

Answer: F

3. To have the router verify a called-party number in the incoming setup message for an ISDN BRI call:

A. Use isdn tei first-call

B. Include ldn on spid number line

C. Use isdn answer1

D. Use isdn caller

Answer: C

4. The purpose of the dialer fast-idle command is:

A. To decrease the amount of time that an interface is kept down before the next call can be placed - By default, DTR is held low for five seconds.

B. To specify the amount of time that an interface can remain idle before being disconnected when new outbound calls need to be made

C. To decrease the interdigit delay between DTMF tones when placing a call

D. To increase the rate at which disconnected interfaces become available for new outbound calls

E. To specify the regular idle timeout for high speed non-async interfaces

Answer: B

5. On a Cisco router with an external modem, what EIA 232 signal will be received by the access server to indicate the presence of an incoming call?

A. Request To Send

B. Clear To Send

C. Data Terminal Ready

D. Data Set Ready

E. Loopback

Answer: D

6. While entering commands on a console, the break key is pressed accidentally and the router reboots. What action could disable this problem?

A. In configuration mode, enter disable break.

B. In configuration mode, enter no service break.

C. Change the configuration register.

D. Replace the router - this is an invalid response to pressing the break key when past 60 seconds after boot.

Answer: C

7. The network administrator has forgotten the enable password of the router. Luckily, no one is currently logged into the router, but all passwords on the router are encrypted. What should the administrator do to recover the enable password?

A. Call the Cisco Technical Assistance Center (TAC) for a special code that will erase the existing password.

B. Reboot the router, press the break key during bootup, boot the router into ROM monitor mode, and modify the configuration register so that the current configuration is ignored during normal bootup

C. Reboot the router, press the BREAK key during bootup, and boot the router into ROM Monitor mode to erase the configuration, and re-install the entire configuration as it was saved on a TFTP server.

D. Erase the configuration, boot the router into ROM Monitor mode, press the BREAK key, and overwrite the previous enable password with a new one.

Answer: B

8. The configuration register does NOT retain settings for:

A. An enabled 'Break' key

B. The console baud rate

C. The boot method

D. An enabled AUX port

Answer: D

9. Look at the router configuration above. If this router has a configuration-register setting of 0x102, select the proper boot sequence:

```
version 11.2
!
hostname router
!
boot system flash slot0:rsp-isv-mz.112-8.P
enable password cisco
```

A. The router will try to use the image "rsp-isv-mz.112-8.P" on slot 0, then attempt to boot from a network server, and finally boot from ROM.

B. The router will try use the image "rsp-isv-mz.112-8.P" on slot 0, then attempt to boot from any other valid image in flash, and finally boot from ROM.

C. The router will try to use the image "rsp-isv-mz.112-8.P" on slot 0, and then it will boot from ROM.

D. The router will try to use the image "rsp-isv-mz.112-8.P" on slot 0, and then attempt to boot from a network server.

Answer: A

10. What effect will this configuration command have?line vty 0 4no password vtypassword

A company has been assigned the Class B address of 191.8.0.0 by the NIC. They have decided to use a subnet mask of 255.255.255.0 and an autonomous system number of 1.

The configuration for Router A is as follows:

```
RouterA#show running-config
Current configuration:
version 11.3
1.)  hostname RouterA
2.)  enable-password enablepassword
3.)  interface ethernet 0
4.)  ip address 191.8.1.1 255.255.255.0
5.)  no mop enabled
6.)  interface serial 0
7.)  ip address 191.8.150.1 255.255.255.0
8.)  ip name-server 255.255.255.255
9.)  ip host RouterB 191.8.150.2 191.8.2.1
10.) snmp-server community ccie
11.) line vty 0 4
12.) login
13.) line con 0
14.) line aux 0
15.) line vty 0
16.) password vtypassword
17.) line vty 1
18.) password vtypassword
19.) line vty 2
20.) password vtypassword
21.) line vty 3
22.) password vtypassword
23.) line vty 4
24.) password vtypassword
25.) end
RouterA#
```

The configuration for Router B is as follows:

```
RouterB#show running-config
Current configuration:
version 11.3
1.)  hostname RouterB
2.)  enable-password san-fran
3.)  interface tokenring 0
4.)  ip address 191.8.2.1 255.255.255.0
5.)  ring-speed 16
6.)  interface serial 0
7.)  ip address 191.8.150.2 255.255.255.0
8.)  ip name-server 255.255.255.255
9.)  ip host A 191.8.2.1 191.8.150.1
10.) snmp-server community ccie
11.) logging buffered
12.) line vty 0 4
13.) login
14.) line con 0
15.) line aux 0
16.) line vty 0
17.) password cisco
18.) line vty 1
19.) password cisco
20.) line vty 2
21.) password cisco
22.) line vty 3
23.) password cisco
24.) line vty 4
25.) password cisco
26.) end
RouterB#
```

A. All telnet connections to the router will be denied.

B. Only one telnet connection at the router will be allowed at a time.

C. Virtual terminal sessions will not be able to enter enable mode.

D. Virtual terminal sessions will not be asked a user-level password.

E. It will have no effect.

Answer: A

11. For an OC-48 signal (2.5Gb/s), what is the BER (bit error rate) if there is 1 bit error every four days?

A. 10E-12

B. 10E-13

C. 10E-14

D. 10E-15

E. 10E-16

Answer: D

12. Select the group of technologies which are listed in descending order of bandwidth scale:

A. SDH, X.25, ATM

B. DWDM, SDH, Frame Relay

C. DWDM, SDH, ATM

D. ATM, DWDM, Frame Relay

Answer: C

13. What type of fiber-optic system is used to distribute cable television signals?

A. Point to multipoint

B. Local Area network

C. Switched

D. Point to point

Answer: A

14. The Hold-Down Timer used in Distance Vector protocols:

A. Sets the time limit of how long a router may keep a packet in its buffer, if the routing protocol is in the process of converging

B. Determines the number of seconds a router will wait before sending another update to neighbor routers

C. Sets a specific period for routers to neither accept or advertise a route from a destination where an original route was recently lost

D. Sets a duration where routes are not accepted from the neighbor router that caused a routing loop

Answer: C

15. The purpose of Administrative Distance, as used by Cisco routers, is:

A. To choose between routes from different routing protocols when receiving updates for the same network

B. To identify which routing protocol forwarded the update

C. To define the distance to the destination used in deciding the best path

D. To be used only for administrative purposes

Answer: A

16. What type of signaling is most relevant to ATM networks supporting SVCs?

A. H.323

B. Q.2931

C. ETSI.761

D. G.723

Answer: B

17. How long is an ATM cell header?

A. 5 octets (bytes)

B. 3 octets (bytes)

C. 8 octets (bytes)

D. The size varies by AAL type used

Answer: A

18. The NNI specification defines communications between:

A. An ATM end system and an ATM switch

B. Two ATM end systems

C. An ATM device and a non-ATM device

D. Two ATM switches from different carriers

E. Two ATM switches

Answer: E

19. What Delimits the beginning and the end of the Frame Relay frame?

A. Address

B. FCS

C. Data

D. Flags

E. Packets

Answer: D

20. What is true about the DLCI field in the Frame Relay header?

A. It consists of two portions, source and destination, which map data to a logical channel.

B. It generally has significance only between the local switch and the DTE device.

C. It is an optional field in the ITU-T specification.

D. It is present only in data frames sent through the network.

Answer: B