

First-Year Companion Guide 2nd Edition

Chapter 8 (22)

Check Your Understanding

1. What are the major elements of a typical router configuration?
 - A. Passwords, interfaces, routing protocols, DNS
 - B. Boot sequence, interfaces, TFTP server, NVRAM
 - C. NVRAM, ROM, DRAM, interfaces
 - D. Interfaces, routing protocols, configuration register, Flash memory
2. In a password recovery procedure, immediately after issuing a CtrlBREAK upon router startup, what should be the config register setting?
 - A. 0x2102
 - B. 0x2142
 - C. 0x0000
 - D. 0x10F
3. In a password recovery procedure, just before saving the running config and after you have enabled a new secret password, what should be the config register setting?
 - A. 0x2102
 - B. 0x2142
 - C. 0x0000
 - D. 0x10F
4. What is the correct syntax to enable RIP on Router A in the lab topology?
 - A.

```
config t
router rip
int e0 ip address 192.5.5.1 255.255.255.0
no shutdown
description this is the first Ethernet Interface
CNTRL/Z
copy run start
```
 - B.

```
config t
router rip
network 192.5.5.0
network 205.7.5.0
network 201.100.11.0
CNTRL/Z
copy run start
```
 - C.

```
config t
router rip
ip host LAB-A 192.5.5.1 207.5.1 201.100.11.1
ip host LAB-B 201.100.11.2 219.17.100.1 199.6.13.1
ip host LAB-C 199.6.13.2 223.8.151.1 204.204.7.1
ip host LAB-D 204.204.7.2 210.93.105.1
ip host LAB-E 210.93.105.2
CNTRL/Z
copy run start
```
 - D. None of the above

5. What is the correct syntax for completely configuring Ethernet and serial interfaces?
- A.

```
config t
int e0 ip host LAB-A 192.5.5.1 207.5.1 201.100.11.1
ip host LAB-B 201.100.11.2 219.17.100.1 199.6.13.1
ip host LAB-C 199.6.13.2 223.8.151.1 204.204.7.1
ip host LAB-D 204.204.7.2 210.93.105.1
ip host LAB-E 210.93.105.2
CNTRL/Z
copy run start
```
 - B.

```
config t
int e0
network 192.5.5.0
network 205.7.5.0
network 201.100.11.0
CNTRL/Z
copy run start
```
 - C.

```
config t
int e0
ip address 192.5.5.1 255.255.255.0
no shutdown
description this is the first Ethernet Interface
CNTRL/Z
copy run start
```
 - D. None of the above

Answers

1. A 2. A 3. B 4. B 5. C