

1. 【单选题】 Which command can you enter to view the ports that are assigned to VLAN 20?

- A. Switch#show vlan id 20
- B. Switch#show ip interface brief
- C. Switch#show interface vlan 20
- D. Switch#show ip interface vlan 20

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题目来源: [SP0T0思博网络](#)

2. 【单选题】 Which command can you enter to determine whether a switch is operating in trunking mode?

- A. show ip interface brief
- B. show vlan
- C. show interfaces
- D. show interface switchport

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3. 【多选题】 How to create a trunk port and allow VLAN 20? (Choose Three.)

- A. switchport trunk encapsulation dot1qA. switchport trunk encapsulation dot1q
- B. switchport mode trunkB. switchport mode trunk
- C. switchport trunk allowed vlan 20C. switchport trunk allowed vlan 20
- D. switchport trunk native vlan 20D. switchport trunk native vlan 20

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4. 【多选题】 What are three advantages of VLANs? (Choose three.)

- A. They establish broadcast domains in switched networks.A. They establish broadcast domains in switched networks.
- B. They utilize packet filtering to enhance network security.B. They utilize packet filtering to enhance network security.
- C. They provide a method of conserving IP addresses in large networks.C. They provide a method of conserving IP addresses in large networks.
- D. They provide a low-latency internetworking alternative to routed networks.D. They provide a low-latency internetworking alternative to routed networks.
- E. They allow access to network services based on department, not physical location.E. They allow access to network services based on department, not physical location.
- F. They can simplify adding, moving, or changing hosts on the network.F. They can simplify adding, moving, or changing hosts on the network.

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5. 【单选题】 Which command sequence can you enter to create VLAN 20 and assign it to an interface on a switch?

- A. Switch(config)#vlan 20 Switch(config)#Interface gig x/y Switch(config-if)#switchport access vlan 20
- B. Switch(config)#Interface gig x/y Switch(config-if)#vlan 20 Switch(config-vlan)#switchport access vlan 20
- C. Switch(config)#vlan 20 Switch(config)#Interface vlan 20 Switch(config-if)#switchport trunk native vlan 20
- D. Switch(config)#vlan 20 Switch(config)#Interface vlan 20 Switch(config-if)#switchport access vlan 20
- E. Switch(config)#vlan 20 Switch(config)#Interface vlan 20 Switch(config-if)#switchport trunk allowed vlan 20

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