

CCNA Voice Bible (640-460) – Voice VLAN

Question 1 What is the difference between voice VLAN and native VLAN? A. Voice VLAN uses tagged 802.1Q frames whereas native VLAN uses 802.1P frames. B. Voice VLAN uses untagged frames whereas native VLAN uses 802.1Q frames. C. Voice VLAN uses tagged 802.1Q frames whereas native VLAN uses untagged frames. D. Voice VLAN uses untagged frames only when no PCs are connected behind the phones whereas native VLAN always uses untagged frames. Answer: C

Question 2 Which protocol is used to inform the IP phone of its voice VLAN ID? A. Cisco keepalives B. Cisco Discovery Protocol C. Cisco Spanning Tree Protocol D. Cisco VLAN Discovery Protocol Answer: B

Explanation: Cisco IP phones will be able to receive voice VLAN configuration via CDP. Once it has received the voice VLAN idr, the IP phone will begin tagging its own packets. Non-Cisco IP phones will not be able to understand CDP packets.

Question 3 Which command is used to assign voice VLAN 110 on a Cisco IOS switch? A. switchport access vlan 110 B. switchport access voice vlan 110 C. switchport voice vlan 110 D. switchport voice access vlan 110 Answer: C