

1. Which IOS image and version is currently in use by the switch?

- Cisco IOS Software, C2960 Software (C2960-LANBASE-M), Version 12.2(25)FX, RELEASE SOFTWARE (fc1) Copyright (c) 1986-2005 by Cisco Systems, Inc.

2. How do you prevent unauthorized personnel from accessing the Cisco device through the console port?

- Simply setting up a password in the privilege level

3. What are the advantages and disadvantages of using the serial console connection compared to the USB console connection to a Cisco router or switch?

Advantages:

- Widely Supported
- Stability and Reliability
- No Special Drivers
- Low Latency

Disadvantages:

- Many modern computers lack built-in serial ports.
- Slower data transfer rates.
- Cable Length Limited to around 50 feet.
- Bulkier connectors.