**Lab - Navigate the IOS by Using Tera Term for Console Connectivity (Instructor Version)**

**1.Which IOS image version is currently in use by your switch?**

System image file is "flash:c2960-lanbasek9-mz.150-2.SE4.bin"

**Reflection Question**

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

Answer: Physically secure the device and use password protection

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

Answers: It depends on the port availability on the PC and the router or switch. If the PC has a serial port and a DB9-to-RJ45 cable is available, it is generally easier to connect to the router or switch using the serial console port. If the PC does not have a serial port, a third party USB-to-Serial adapter can be used. Cisco switches do not have mini-USB console ports, so connecting via USB is not an option. If you are frequently connecting to a Cisco router that has a mini USB console port, this can be the most effective method after the Cisco drivers are installed because nearly all newer PCs have USB ports.