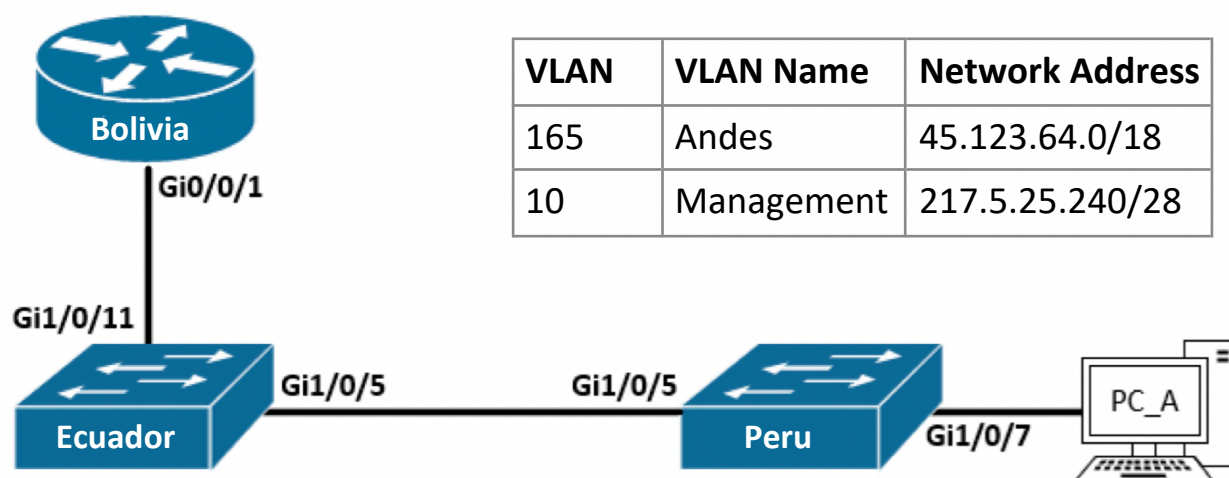


TNE10006/TNE60006 – Sample Mid-Sem Skills Assessment (Option A)

Network Topology and Addressing Table



Note: use Cisco Catalyst 3650 switches and a Cisco 4321 router to build the network. If using ATC devices, use Router 1 for Bolivia, Switch 3 for Ecuador and Switch 4 for Peru.

Complete the following tasks:

- Configure the hostname and a MOTD on **all devices**
- Configure interface descriptions on all **Bolivia** sub-interfaces
- Allocate switchports **Gi1/0/7-10** on **Peru** to the **Andes** VLAN
- Configure trunking between the **Ecuador** and **Peru** switches
- Configure the **Bolivia** router as a **router-on-a-stick**
- IP addresses configured on **Bolivia** sub-interfaces must be the **second usable** address in the allocated range
- **Ecuador** management IP must be the **last usable** address in the range
- **Peru** management IP must be the **second last usable** address in the range
- Configure **Loopback0** on **Bolivia** with IP address **113.50.24.118/29**
- Access ports in the **Andes** VLAN must be configured with port-security to allow a maximum of **two MAC addresses**. The violation action must be **protect**.