# Cisco Switch vlans

**1. Accessing the Switch:** First, you need to access the switch via SSH or console cable. Once you're connected, you can enter the privileged EXEC mode using the enable command.

switch>enable

**2. Creating a VLAN:** To create a VLAN, you need to enter the global configuration mode, and then use the vlan command followed by the VLAN ID.

switch#configure terminal
switch(config)#vlan <VLAN_ID>
switch(config-vlan)#name <VLAN_NAME>
switch(config-vlan)#exit

Replace <VLAN_ID> with the ID of the VLAN you want to create, and <VLAN_NAME> with the name you want to assign to the VLAN.

**3. Listing VLANs:** To list all VLANs, you can use the show vlan command in privileged EXEC mode.

switch#show vlan

**4. Modifying a VLAN:** To modify a VLAN, you need to enter the VLAN configuration mode for the specific VLAN you want to modify. You can change the name of the VLAN using the name command.

switch#configure terminal
switch(config)#vlan <VLAN_ID>
switch(config-vlan)#name <NEW_VLAN_NAME>
switch(config-vlan)#exit

Replace <VLAN_ID> with the ID of the VLAN you want to modify, and <NEW_VLAN_NAME> with the new name you want to assign to the VLAN.

Remember to save your changes using the write memory or copy running-config startup-config command to ensure the changes persist after a reboot.

switch#write memory

Please replace <VLAN_ID>, <VLAN_NAME>, and <NEW_VLAN_NAME> with your actual values. Also, ensure you have the necessary permissions to perform these operations. Let me know if you need help with anything else!