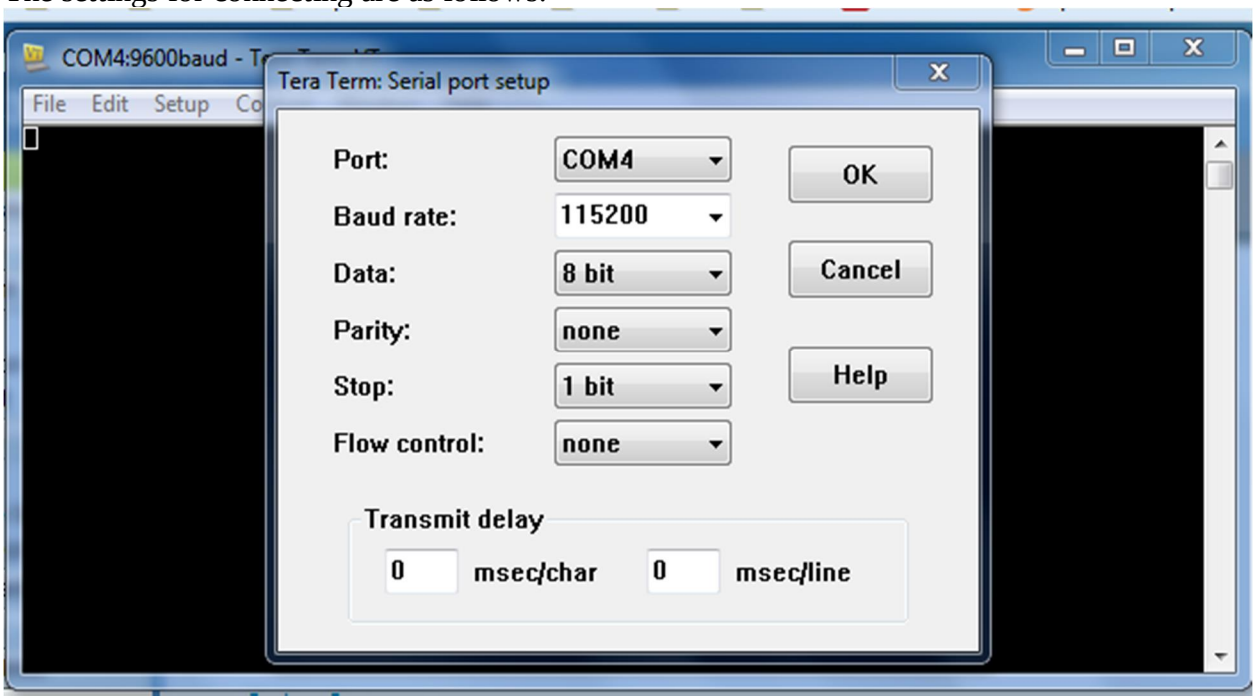
Open a web browser and navigate to 192.168.1.254
Login using cisco as both the username and password.

Navigate to Administration > User Accounts and Add an admin account set to Level 15

Open a program that will allow for Serial connection (TeraTerm is a good program if you need one: http://ttssh2.sourceforge.jp/index.html.en)
The settings for connecting are as follows:



The COM port will be whatever it is on your machine

Once you are connected you will need to hit Enter to bring up a login screen
Type **Config T**
To configure the IP address enter
Interface Vlan1
ip address 192.168.87.XXX (XXX being the actual network IP address)
ip igmp snooping querier
ip igmp query-max-response-time 20
end

This allows you to now log in to the unit from a web browser with the IP you set. It also enables some important features to allow it to do what Wheatstone needs it to do.

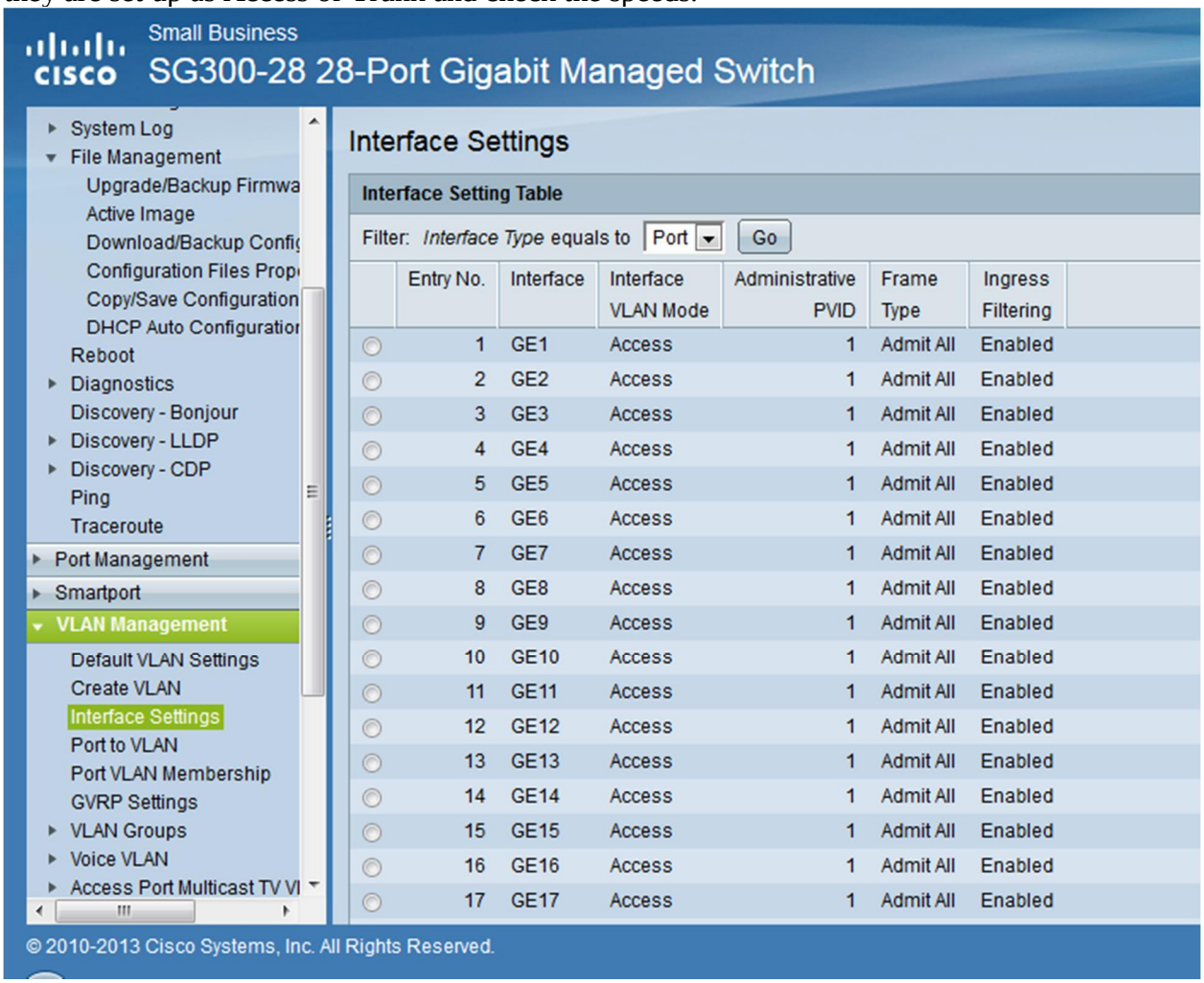
From here we need to configure all the ports.
Type **Config T**
Interface range gig 1-27
switchport mode access
speed 1000
spanning-tree portfast
end

****Please remember what port you plug the **surfaces** in. Those will need to be set up to speed 100****
To do this type **Config T**
Interface gig X (port where console is)
switchport mode access
speed 100
spanning-tree portfast
end

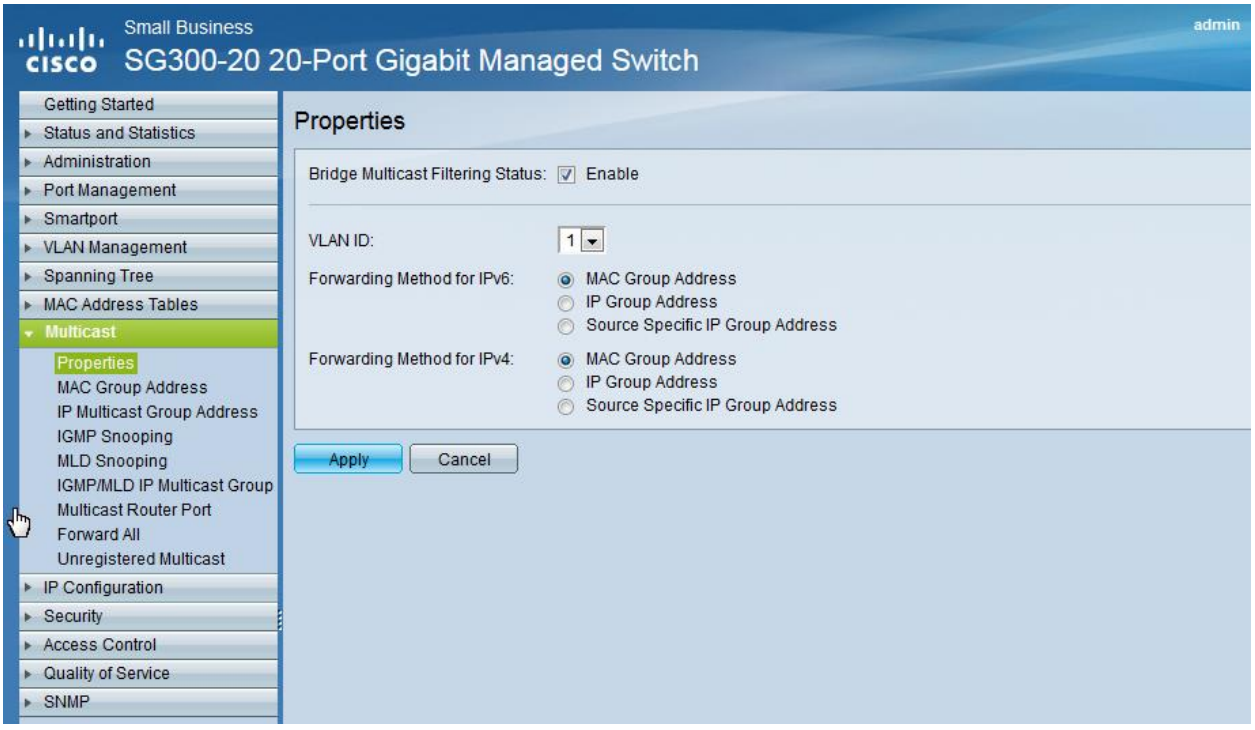
You will need one trunk port. This will most likely be the last port (28)
Config T
Interface gig 28
switchport mode trunk
end

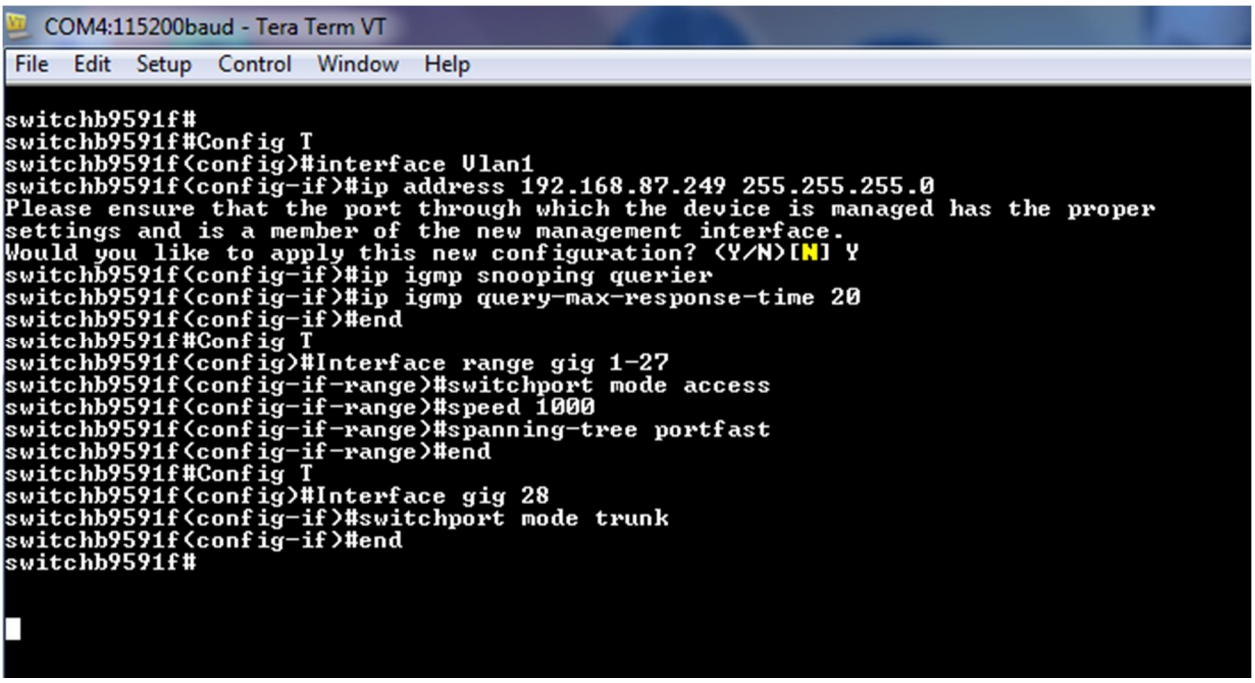
From here you can type **show running-config** and view what you just did.
Then you can type either **copy running-config startup-config** or **write memory** to save it to the switch. At this point you should be able to go to your web browser and log in. Then you can view the ports to make sure

they are set up as Access or Trunk and check the speeds.



Navigate to the Multicast Properties screen. Select Bridge Multicast Filtering Status to Enable.




COM4:115200baud - Tera Term VT
File Edit Setup Control Window Help
switchb9591f#
switchb9591f#Config T
switchb9591f(config)#interface Vlan1
switchb9591f(config-if)#ip address 192.168.87.249 255.255.255.0
Please ensure that the port through which the device is managed has the proper
settings and is a member of the new management interface.
Would you like to apply this new configuration? (Y/N)[N] Y
switchb9591f(config-if)#ip igmp snooping querier
switchb9591f(config-if)#ip igmp query-max-response-time 20
switchb9591f(config-if)#end
switchb9591f#Config T
switchb9591f(config)#Interface range gig 1-27
switchb9591f(config-if-range)#switchport mode access
switchb9591f(config-if-range)#speed 1000
switchb9591f(config-if-range)#spanning-tree portfast
switchb9591f(config-if-range)#end
switchb9591f#Config T
switchb9591f(config)#Interface gig 28
switchb9591f(config-if)#switchport mode trunk
switchb9591f(config-if)#end
switchb9591f#