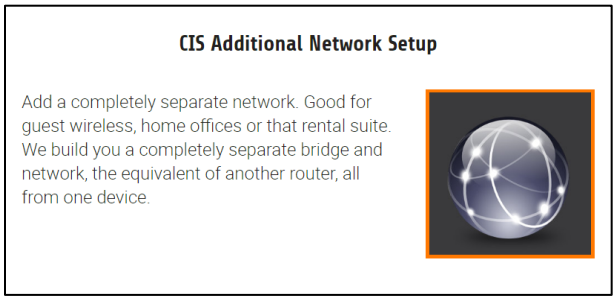
CIS Additional Network Setup



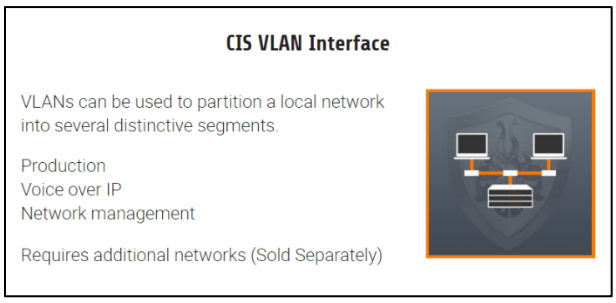
CIS Network Additions are complete configurations that can be added to any CIS Router. This additional network will have a gateway, DHCP server, IP pool, DNS server and more. CIS Services will provide all of the new network details upon completion. These details will include: **Gateway**, **Network Address**, and **Subnet-Mask**.

Network Addition will be presented in the following format:

10.100.80.0/24

Gateway 10.100.80.1

CIS VLAN Interface



This additional network can be assigned to any combination of ports on any number of CIS Switches by using VLAN assignments.

CIS VLANs (Virtual Local Area Network) are required for each CIS Network Addition. CIS Services will provision CIS Routers and CIS Network Switches with a dedicated VLAN that will be assigned to a specic network.

The VLAN will be presented in the following format:

PVID (Port VLAN ID):

PVID: 80

Trunk Port: SFP_01

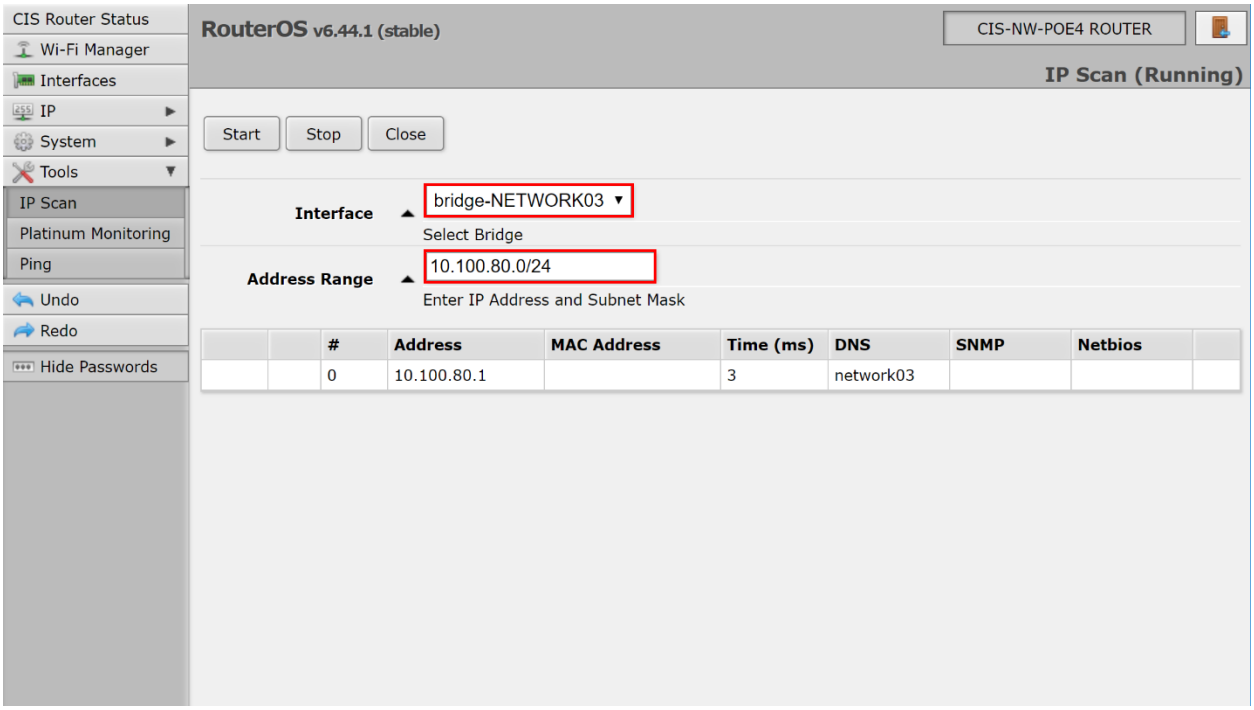
In commercial applications all CIS Components will be isolated for security.Additional networks will be accessible from the administrative CIS Primary Network.

VLAN Trunk Ports will be identified in all CIS Network equipment and MUST be used to carry any VLANs.

Setting VLANs in CIS Routers and Switches

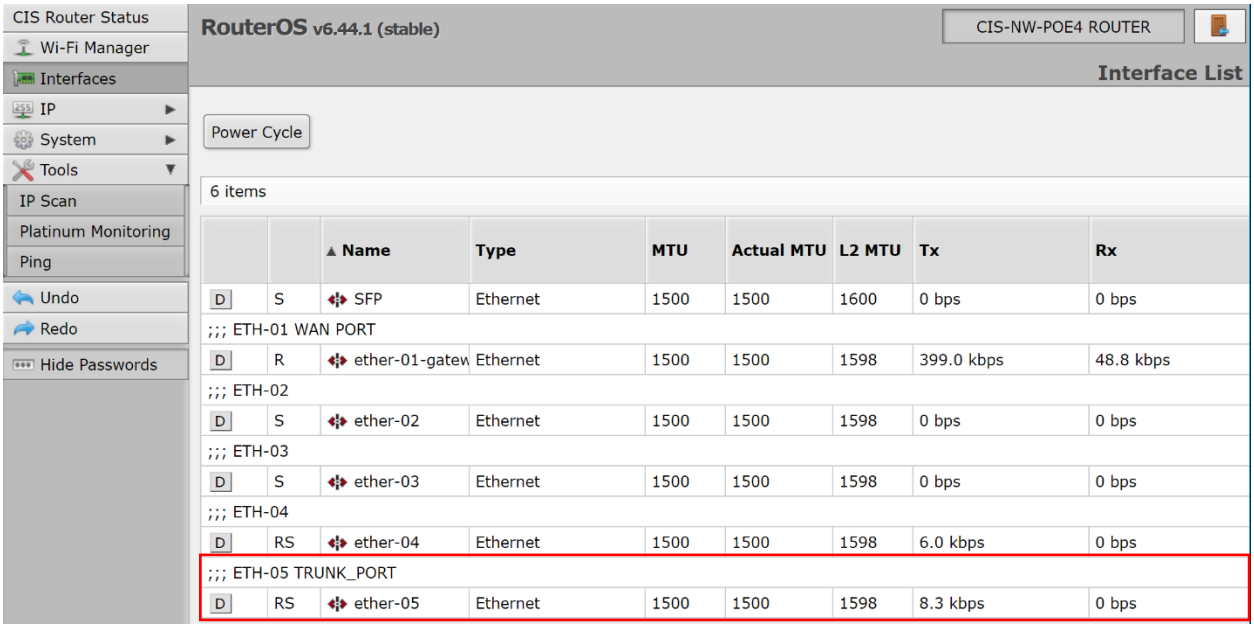
It is important to identify the correct network, scan the network prior to adding any new devices.

Log in your CIS Router and generate an IP Scan on the desired new network. This will identify used and available IP addresses

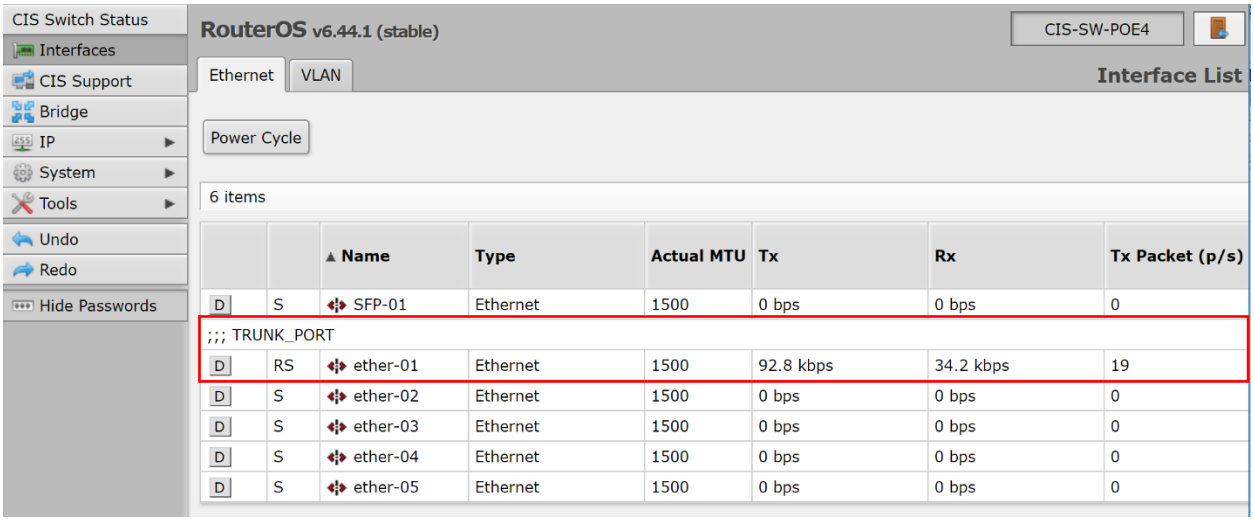


In this case 10.100.80.1 is the gateway as expected and all other address from 10.100.80.2-10.100.80.1.254 are available.

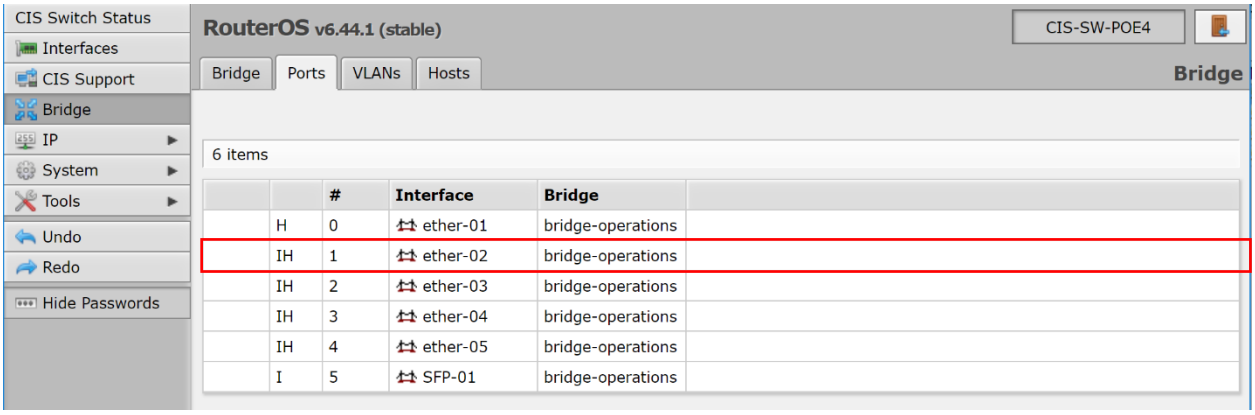
Identify and confirm the VLAN Trunk on the CIS Router.



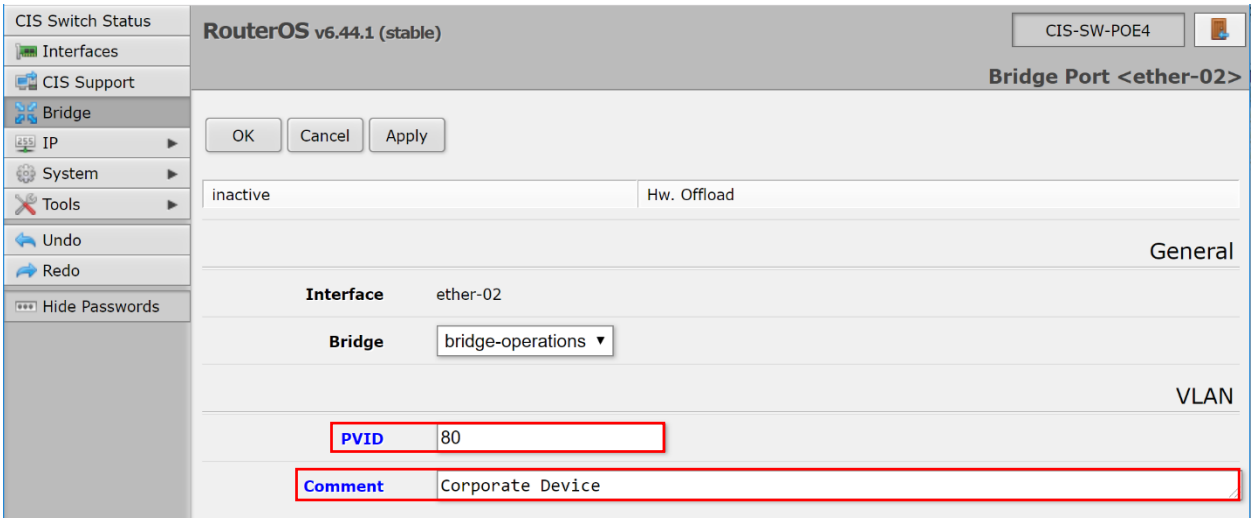
Login to your CIS Network Switch and Identify the VLAN Trunk



Access the bridge port and select the port for the new network



Access the bridge port and assign the desired PVID



Connect a laptop to confirm functionality and the correct IP scheme.