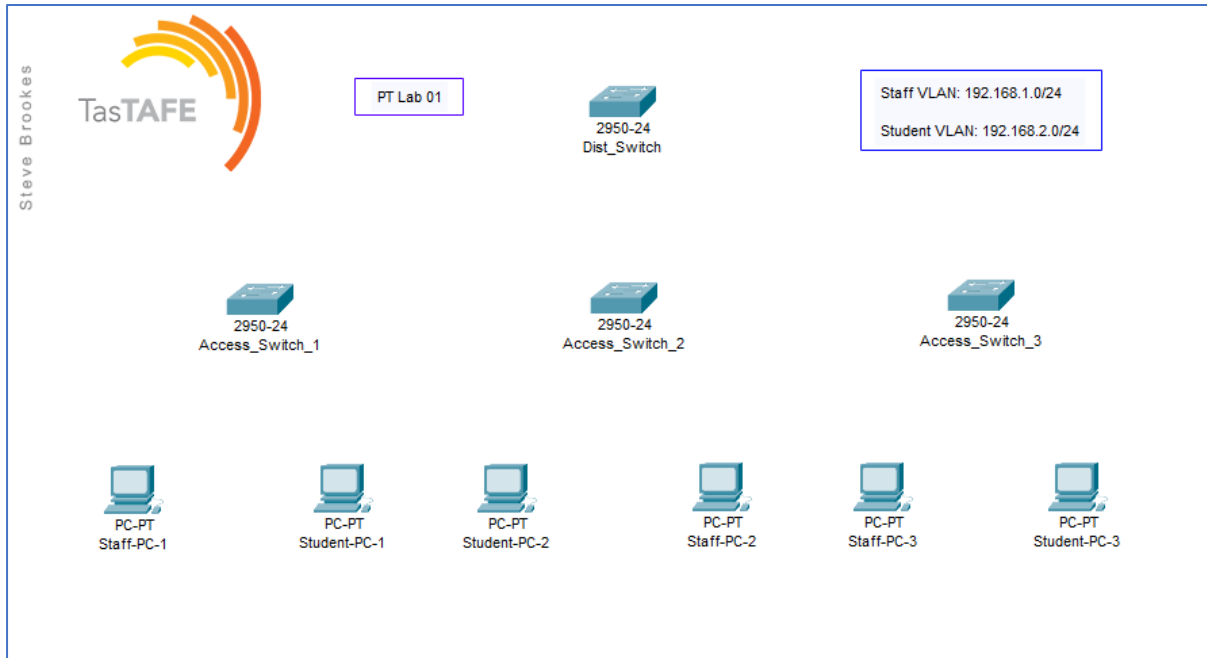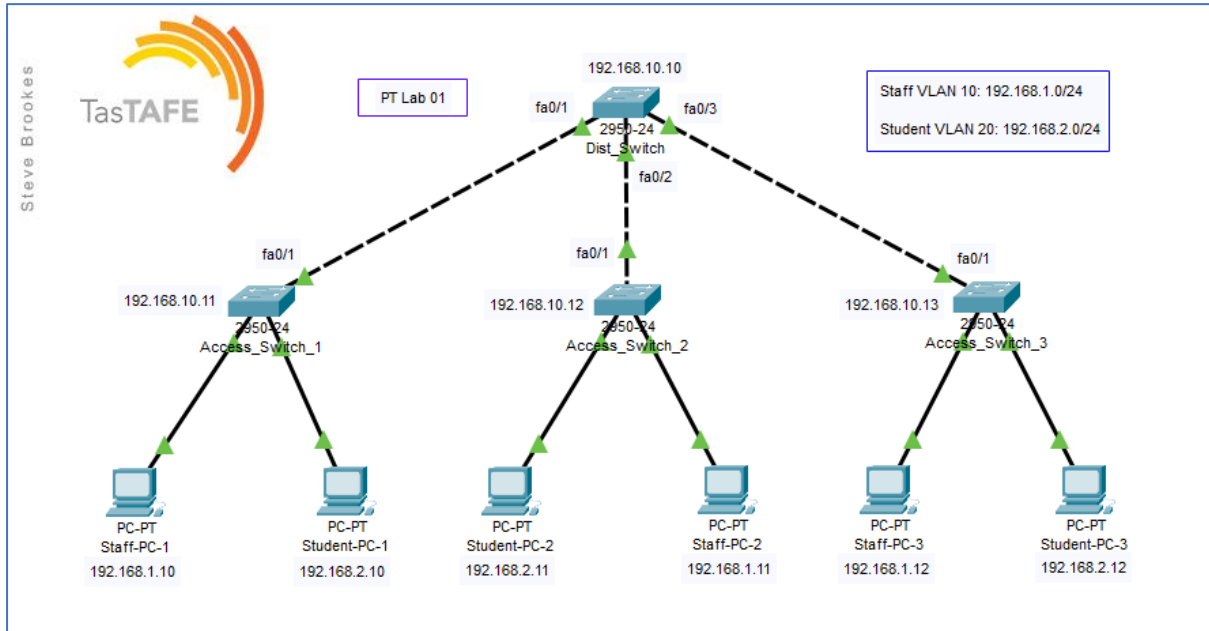# PT Lab 01 – Instructions

PT Lab 01 Template

Using 'PT Lab 01 Template complete the following:

- Connect Access switches to `Dist_Switch` using cross-over cables.

- Connect Staff and Student PCs to their associated Access switches.

- Label all significant ports.

- Assign IP addresses to all PCs as per the listed VLAN information.

- Configure hostnames and banners on all switches.

- Enable privileged password on all switches.

- Configure and secure console lines on all switches.

- Shutdown all unused switchports on Access switches.

- Assign IP addresses and default gateways to all switches (using VLAN 1).

- Create named VLANs for Staff and Students on all switches.

- Assign switchports to required VLANs on all Access switches.

- Configure trunk links between Access and `Dist_Switch`.

- Enable portfast on all Access switch ports connected to hosts.

- Ensure the running configuration is saved to NVRAM on all switches.

- Test connectivity to ensure all PCs on the same VLAN can ping.

Save the completed PT Lab file for future reference.

PT Lab 01 Complete