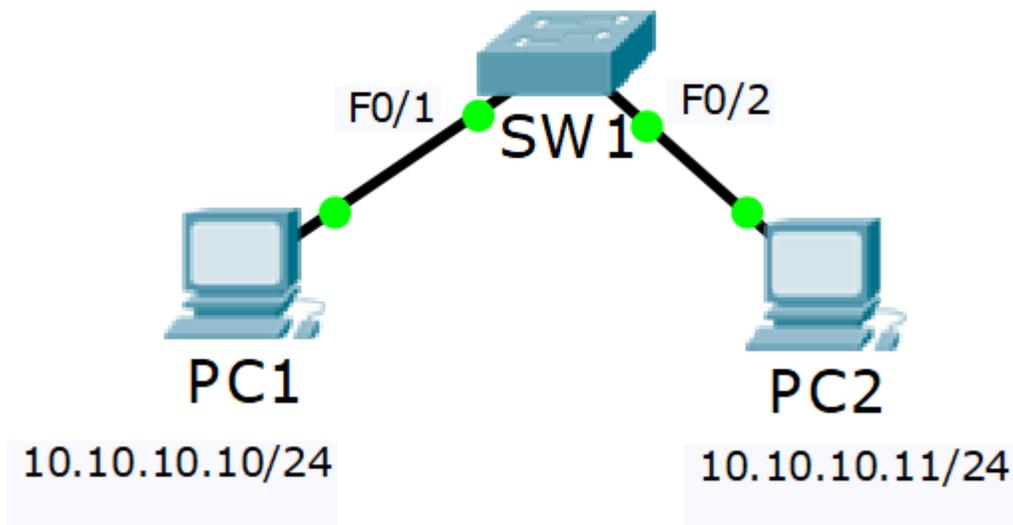


27-1 Port Security Configuration Lab Exercise

In this lab you will configure Port Security on a small campus network.

Lab Topology



Load the Startup Configurations

Open the '27-1 Port Security Configuration.pkt' file in Packet Tracer to load the lab.

Disable Unused Ports

- 1) Disable all unused ports on SW1. This prevents unauthorised hosts plugging in to them to gain access to the network.

Port Security Configuration

- 2) Configure port security on interface FastEthernet 0/1. Allow a maximum of two MAC addresses and manually add PC1's MAC address to the configuration.
- 3) Enable Port Security on interface FastEthernet 0/2 with the default settings.
- 4) Use a 'show port-security' command to verify the MAC address on PC2.
- 5) Verify the full Port Security configuration on both interfaces.