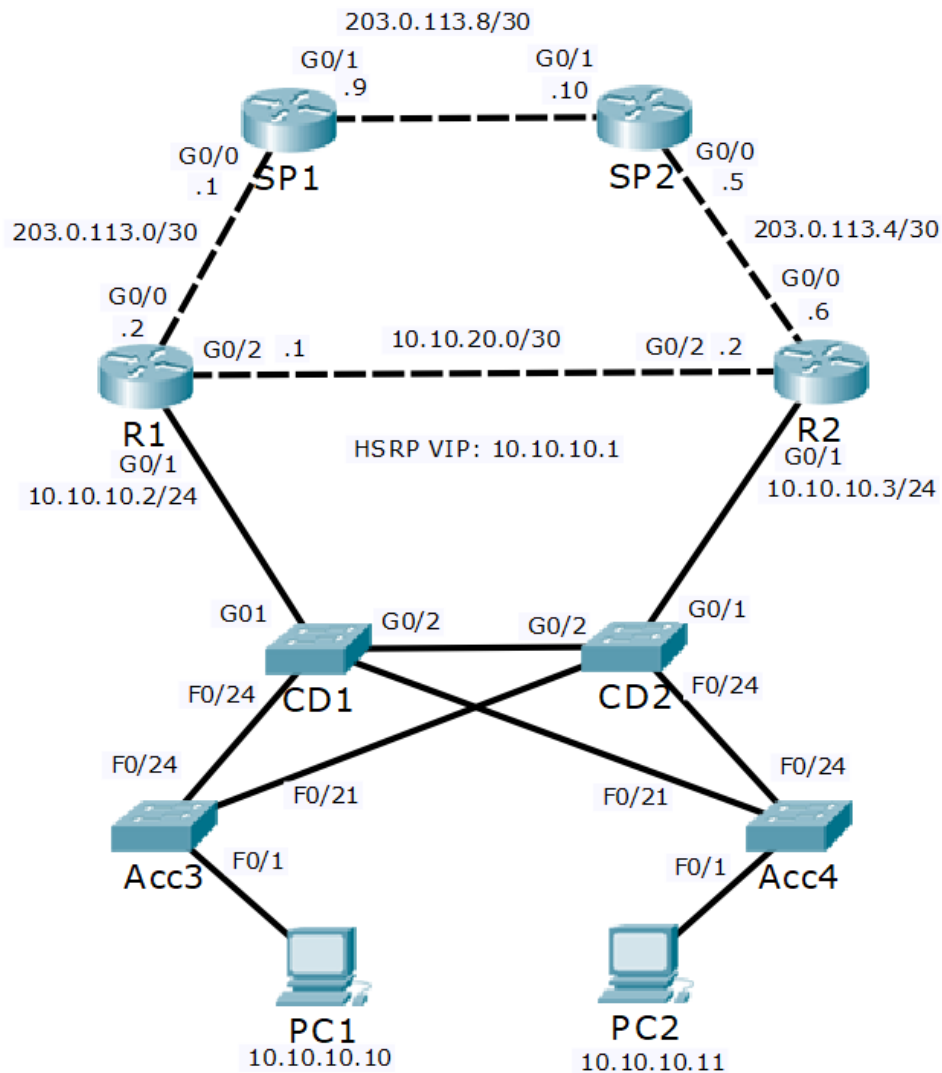


## 25-1 Spanning Tree Troubleshooting – Lab Exercise

Spanning Tree is enabled by default so the troubleshooting lab comes before the configuration lab for this section. In this lab you will troubleshoot Spanning Tree for a small campus network.

### Lab Topology

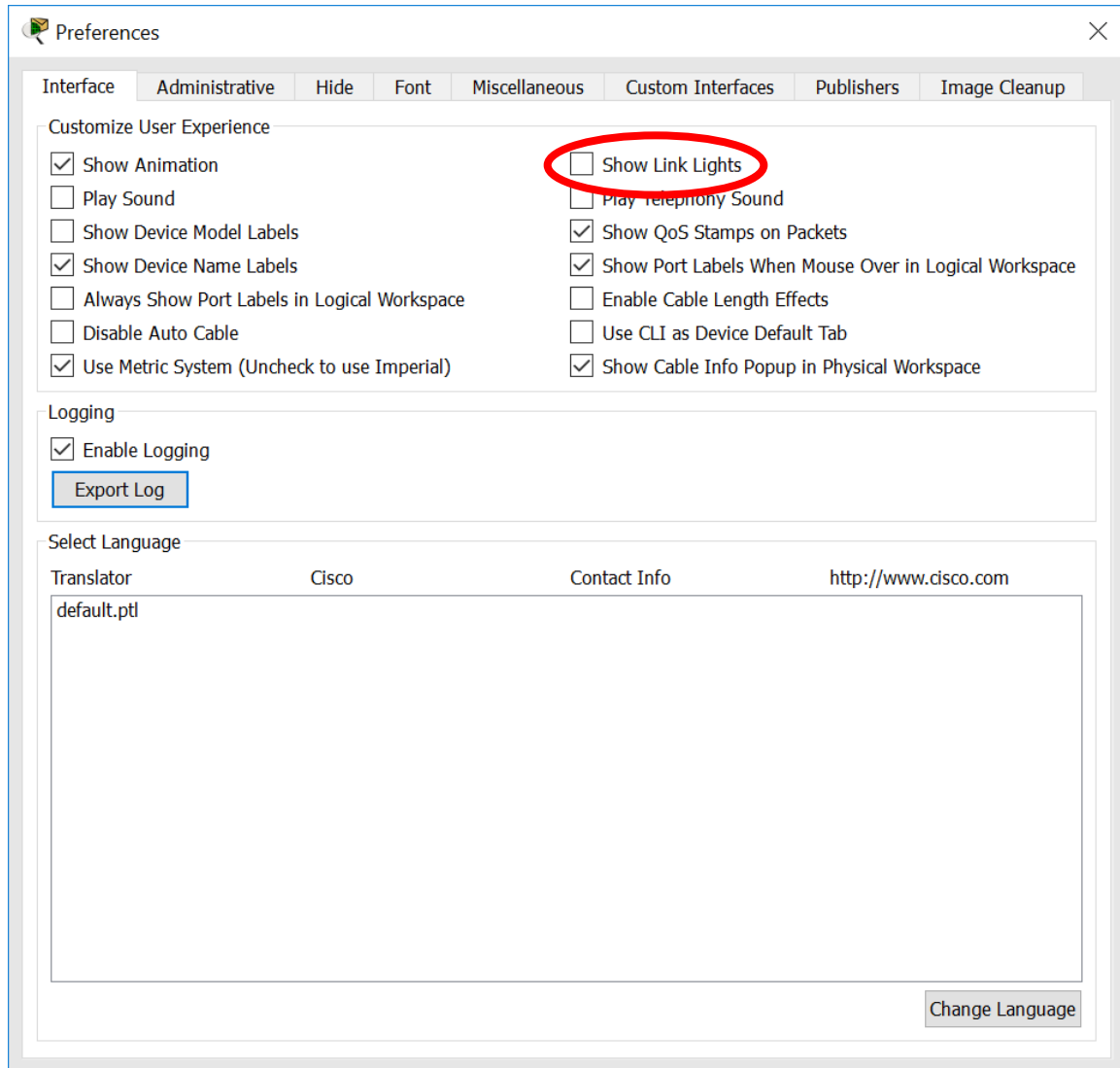


## Load the Startup Configurations

IMPORTANT: Before loading the lab exercise, disable 'Show Link Lights' in Packet Tracer. (You can change it back at the end of the lab.)

In Packet Tracer, click 'Options > Preferences'

On the 'Interface' tab, uncheck 'Show Link Lights'



Open the '25-1 STP Troubleshooting.pkt' file in Packet Tracer to load the lab.

## **Troubleshooting the Spanning Tree Protocol**

- 1) The Network Operations Centre has reported that traffic is not following the most direct path from the branch office PCs to the Internet. Your task at this stage is to verify this.

**Your task is to report which path traffic is currently taking from both PC1 and PC2 to 203.0.113.9. Do not change any configuration.**