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Lab: Creating a Host table

Objective: Our goal of this lab is to become familiarized with the Routers Host Table. We can use a host table to set names for commonly used IP addresses. This will help us with troubleshooting or make our lives easier if we are testing a lot with pings.

Lab Equipment: We will be using eRouter 1. To select eRouter 1 click on the button labeled "eRouter 1" at the top of the screen.

1. Connect to Router 1 and enter Privilege mode

2. Enter configuration mode and set the hostname to **California**.

3. Set an IP address of 195.42.36.10 255.255.255.240 on Ethernet 0's interface, make sure to enable the interface.

4. Now that we have an IP address connect to eRouter 2 and enter privilege mode.

5. Enter Configuration mode and set the hostname to **Tampa**.

6. Set an IP address of 195.42.36.12 255.255.255.240 on Ethernet 0's interface, make sure to enable the interface.

7. Exit out of interface mode and now we are going to make a host table entry. We do not want to have to type California's Ethernet 0 IP address every time we try to ping it so we are going to set a host table entry for California using the IP address 195.42.36.10.

8. After we have done this we should be able to ping California's Ethernet 0 IP address just by typing ping California.

9. You can now verify that the entry is made in the router by using the command `show hosts`.