

CDO-Cisco Packet Tracer WS

Time to boot up our network to put everything into action.

Located in the Z:\ drive named "Networking_WS_3-29-19". Z:\CDO\Networking_WS_3-29-19

Static Assignment

Assign HQ - Left Side

Static configurations for HQ

```
Left-Click on Marketing, Sales  
Open Desktop tab, IP Configuration  
Change to static,
```

We are following the 192.168.1.0/24 scheme, available addresses include 2-254.:

```
IP Address:  
Subnet Mask: #look up to slides, or ask someone walking around.  
Default Gateway:  
DNS Server: #look up to slides, or ask someone walking around.
```

Important Info for Hands on

HeadQuarters

- Default Gateway: 192.168.1.1
- Subnet Mask: 255.255.255.0
- DNS Server: 192.168.1.100

Remote Office

- Default Gateway: 172.16.3.1
- Subnet Mask: 255.255.255.0
- DNS Server: 192.168.1.100



Assign Remote Office - Right Side

Static configurations for Remote Office

```
Left-Click on Branch Manager, Remote IT  
Open Desktop tab, IP Configuration  
Change to static,
```

We are following the 172.16.3.0/24 scheme, available addresses include 2-254.:

```
IP Address:  
Subnet Mask: #look up to slides, or ask someone walking around.  
Default Gateway:  
DNS Server: #look up to slides, or ask someone walking around.
```

Allow Communication

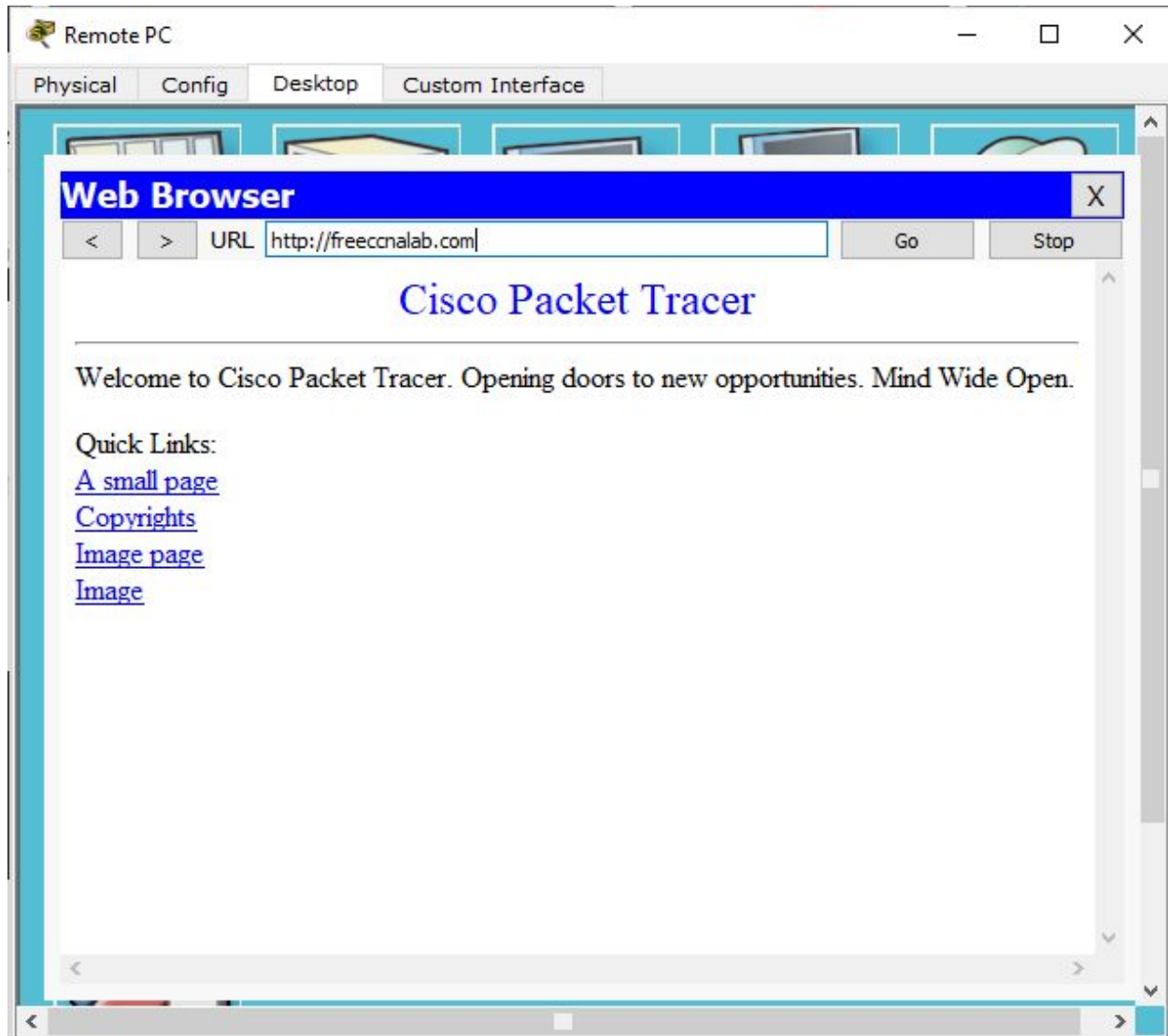
Next step testing, we need to be able to ping HQ machines from the Remote Office.

```
Left-Click on a computer located on the Remote Office  
Open Desktop tab,  
Click on Command Prompt,  
Type:  
Ping 192.168.1.X
```

Next step can we pull down a website? From HQ or Remote Office.

```
Left-Click on a computer,  
Open Desktop tab,  
Open the Web Browser,  
Type:  
Freeccnalab.com  
#Might take a minute or two
```

Should look something like this:



#Congratulations on completing the basics, there is a harder section if you still have time.

#Harder section :D

You will be taking the Remote Office and breaking the static configuration (hint1) in order to see how it fails, please demonstrate to a CDO officer.

#hint1

Put the machine on a different subnet.

Try to ping HQ, watch how the traffic moves