

# Network Design Workshop

## Lab Access Instructions

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## 1 Introduction

This lab runs on a virtualized environment for Cisco IOS called “Dynamips”. The method of access to each virtual router is via Telnet to a specific port on the IP of the machine that runs the virtualization platform.

```
$ telnet <HOST-IP> <PORT>
```

For example:

```
$ telnet 10.10.0.241 2012
```

**The instructor will provide the IP address of the host in this particular workshop**

## 2 Port to Router Image Map

Port	Router
2001	RREN
2002	NREN 1
2003	ISP 1
2004	NREN 2
2005	ISP 2
2011	R11
2012	R12
2021	R21
2022	R22
...	...
20nn	Rnn

## 3 Log in instructions

After executing the telnet command, you will see something like the following:

```
Trying 10.0.1.241...
Connected to 10.0.1.241.
Escape character is '^]'.
Connected to Dynamips VM "R32" (ID 8, type c7200) - Console port
```

Hit ENTER at this point. Then, you will see this question:

```
Would you like to enter the initial configuration dialog? [yes/no]:
```

Answer “no”.

The router will show some initialization routines, and finally, you will see the default prompt:

```
Router>
```

You can then go into privileged mode:

```
Router> enable  
Router#
```

And then enter configuration mode:

```
Router# configure terminal  
Router(config)#
```

And you are ready to start entering configuration statements. When you are done, exit configuration mode and save your changes:

```
Router(config)# end  
Router# write memory
```