

Network Design Workshop

L2/L3 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 switch or 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 Device to Port Mapping

Name	Type	Console Port
R11	7200	2011
R12	7200	2012
R13	7200	2013
R21	7200	2021
R22	7200	2022
R23	7200	2023
R31	7200	2031
R32	7200	2032
R33	7200	2033
R41	7200	2041
R42	7200	2042
R43	7200	2043
R51	7200	2051
R52	7200	2052
R53	7200	2053

Name	Type	Console Port
BB11	3725	2111
BB12	3725	2112
SW11	3725	2113
SW12	3725	2114
BB21	3725	2121
BB22	3725	2122
SW21	3725	2123
SW22	3725	2124
BB31	3725	2131
BB32	3725	2132
SW31	3725	2133
SW32	3725	2134
BB41	3725	2141
BB42	3725	2142
SW41	3725	2143
SW42	3725	2144
BB51	3725	2151
BB52	3725	2152
SW51	3725	2153
SW52	3725	2154

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
```