

L2/L3 Lab Access Instructions

Campus Network Design Workshop

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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 10.10.0.243 2012
```

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

2 Device to Port Mapping

2.1 Group 1

```
Router R11
  console = 2011
Router R12
  console = 2012
Switch BB11
  console = 2111
Switch BB12
  console = 2112
Switch SW11
  console = 2113
Switch SW12
  console = 2114
Switch SW13
  console = 2115
Switch SW14
  console = 2116
```

2.2 Group 2

```
Router R21
  console = 2021
Router R22
  console = 2022
Switch BB21
  console = 2121
Switch BB22
  console = 2122
Switch SW21
  console = 2123
Switch SW22
  console = 2124
Switch SW23
  console = 2125
Switch SW24
  console = 2126
```

2.3 Group 3

```
Router R31
```

```
        console = 2031
Router R32
        console = 2032
Switch BB31
        console = 2131
Switch BB32
        console = 2132
Switch SW31
        console = 2133
Switch SW32
        console = 2134
Switch SW33
        console = 2135
Switch SW34
        console = 2136
```

2.4 Group 4

```
Router R41
        console = 2041
Router R42
        console = 2042
Switch BB41
        console = 2141
Switch BB42
        console = 2142
Switch SW41
        console = 2143
Switch SW42
        console = 2144
Switch SW43
        console = 2145
Switch SW44
        console = 2146
```

2.5 Group 5

```
Router R51
        console = 2051
Router R52
        console = 2052
Switch BB51
        console = 2151
Switch BB52
```

```
        console = 2152
Switch SW51
        console = 2153
Switch SW52
        console = 2154
Switch SW53
        console = 2155
Switch SW54
        console = 2156
```

2.6 Group 6

```
Router R61
        console = 2061
Router R62
        console = 2062
Switch BB61
        console = 2161
Switch BB62
        console = 2162
Switch SW61
        console = 2163
Switch SW62
        console = 2164
Switch SW63
        console = 2165
Switch SW64
        console = 2166
```

3 Log in instructions

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

```
Trying 10.0.1.243...
Connected to 10.0.1.243.
Escape character is '^]'.
Connected to Dynamips VM "BB52" (ID 35, type c3725) - Console port
```

User Access Verification

Username:

At this point, login using the Username: **nsrc** and Password: **nsrc**

You should see a prompt like:

```
BB52>
```

You can then go into privileged mode, again using the Password: **nsrc**

```
BB52> enable
Password:
BB52#
```

And then enter configuration mode:

```
BB52# configure terminal
BB52(config)#
```

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

```
BB52(config)# end
BB52# write memory
```