L2/L3 Lab Access Instructions

Campus Network Design Workshop

Contents

1 Introduction 1

2 Device to Port Mapping 2
   2.1 Group 1 ................................................................. 2
   2.2 Group 2 ................................................................. 2
   2.3 Group 3 ................................................................. 2
   2.4 Group 4 ................................................................. 3
   2.5 Group 5 ................................................................. 3
   2.6 Group 6 ................................................................. 4

3 Log in instructions 4

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
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
```