Lab Access Procedure

Overview

This document details the access procedure to the SRX-series lab to be used on the Introduction to JUNOS Software & Routing Essentials training course. This information is provided to help ensure that you have a successful and enjoyable experience while using your time in the lab.

1: Software Requirements & download

In order to access the lab remotely you will need a Telnet and SSH Client tool for Windows or Unix platforms, like PUTTY or CRT. We recommend the use of PUTTY as it is downloadable for free and very easy to use.

You can download a free copy of the PUTTY software client at the following URL:

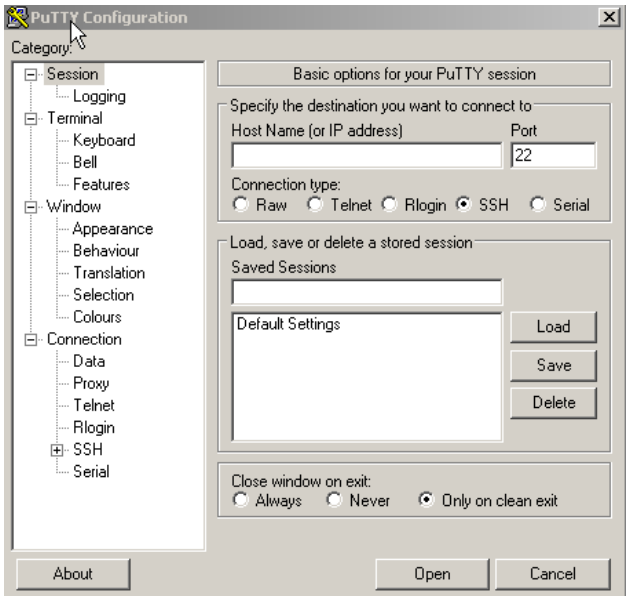
http://www.chiark.greenend.org.uk/~sgtatham/putty/download.html

Just scroll down into the above page and download the **putty.exe** file which link is located underneath the section "*For Windows on Intel x86"*

Install it on your PC in the most convenient directory for you and create a shortcut on your desktop.

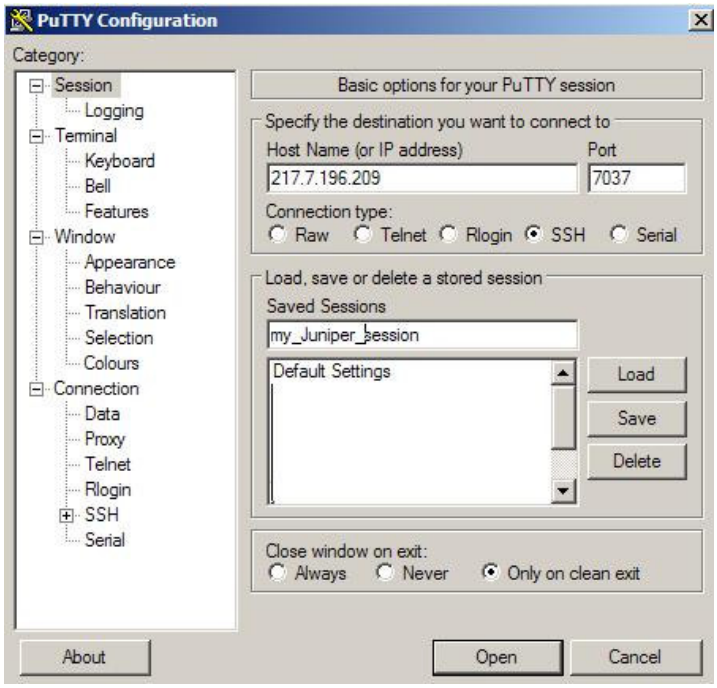
2: Access to the SRX-Series lab Jumpserver

Go ahead and double click the shortcut icon on your desktop to launch PUTTY. You will be presented with a screen like this:



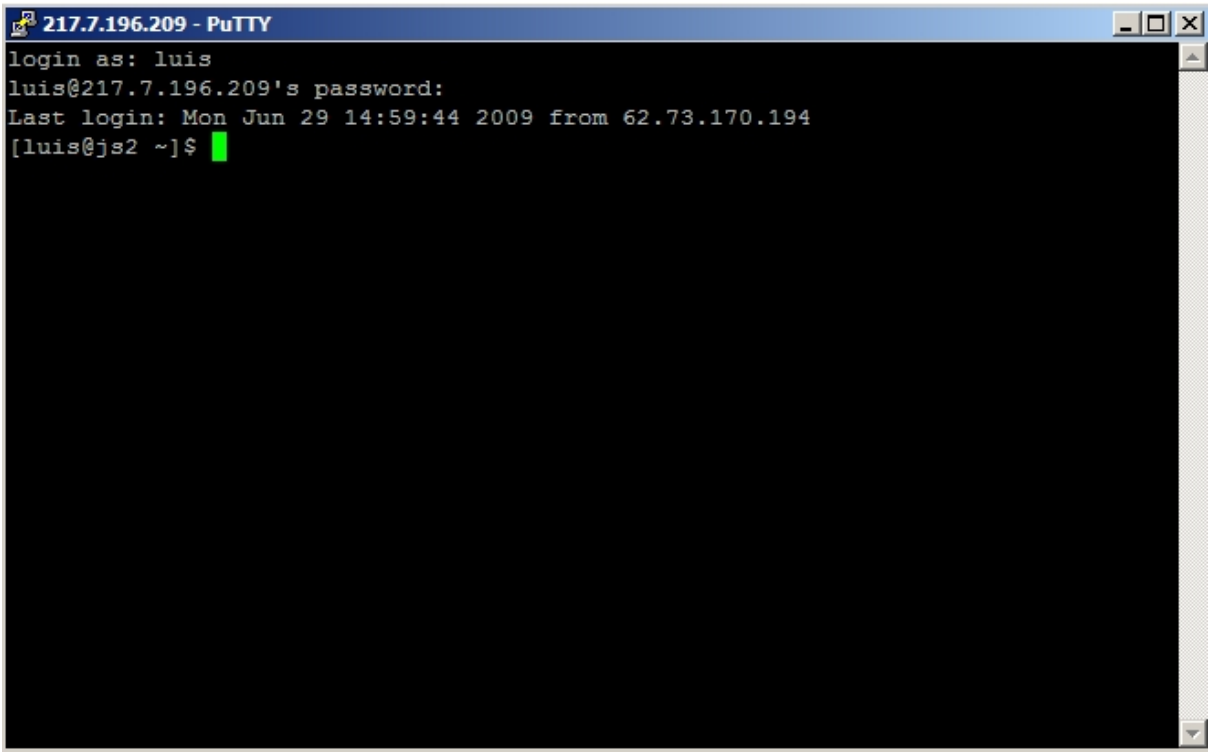
To access the *Jumpserver* that will give you access to the SRX-Series devices you need to initiate an SSH Session to the server with the ip address 217.7.196.209 and port number 7037

To do so, type the ip address **217.7.196.209** in the field that says *Host Name (or IP address)* and also add the port number **7037** in the port number field. The following screenshot illustrates these instructions:



If you wish, you can give a name (the one you want, like *my_Juniper_session*) to the session and save it so these settings will be available for a future use. Just click on the button `Save` to do this.

Right, now we are ready to launch the SSH Session to the jumpserver located at 217.7.196.209 port 7037. Just click on the `Open` button at the bottom of the screen and the session will be initiated. You will be presented with a screen similar to the following screenshot where you are prompted for a *username* and a *password* (Please enter the username & password given to you separately):



3: Access the SRX-Series routers from the Jumpserver

We are almost done! Once you have successfully authenticated, you are ready to access the routers. To do so you just have to *telnet* individually to each router name or ip address. You will find the router names and IP addresses on the table provided to you.

Just like this for access via management ethernet:

```
[luis@js2 ~]$ telnet 10.210.14.131
Trying 10.210.14.131...
Connected to srx1-a.lab2.cavellgroup.com (10.210.14.131).
Escape character is '^]'.

host1-a (ttyp0)

login: lab
Password:

--- JUNOS 9.6R1.13 built 2009-08-01 09:23:09 UTC
lab@host1-a>
```

Alternatively, you might want to access your device via console. To do so, just telnet to the terminal server address (**192.168.2.11**) followed by the port number you want to access (**700x**). Here is an example:

```
[luis@js2 ~]$ telnet 192.168.2.11 7001
Trying 192.168.2.11...
Connected to 192.168.2.11 (192.168.2.11).
Escape character is '^]'.

login: lab
Password:

--- JUNOS 9.6R1.13 built 2009-08-01 09:23:09 UTC
lab@host1-a>
```

Basically the only thing you need to do is to telnet to the device name or ip address. Once on the router you are prompted for a login and password combination (credentials are given to you separately). For instance:

Login: **lab**
Password: **lab123**

Basically that is just about it! Open as many sessions as the lab has devices and you can start now enjoying the proposed lab exercises or practicing as you wish.

Have fun!