

How to Install Packet Tracer on Windows PC or Laptop

Follow the link and watch the video for steps [How to Install Packet Tracer on Windows 11 PC or Laptop - YouTube](#)

- Ensure you install your Packet Tracer in offline mode for easy interaction with it.
- Ensure you also create a cisco netacad.com account, use the video above, the account will offer more resources on networking, cyber security, and the Internet of Things (IoT).
- Packet Tracer is an exciting network design, simulation and modelling tool that allows you to develop your skill set in networking, cybersecurity, and the Internet of Things (IoT).

LAB 1

Basic Initial Cisco packet tracer Switch Configuration

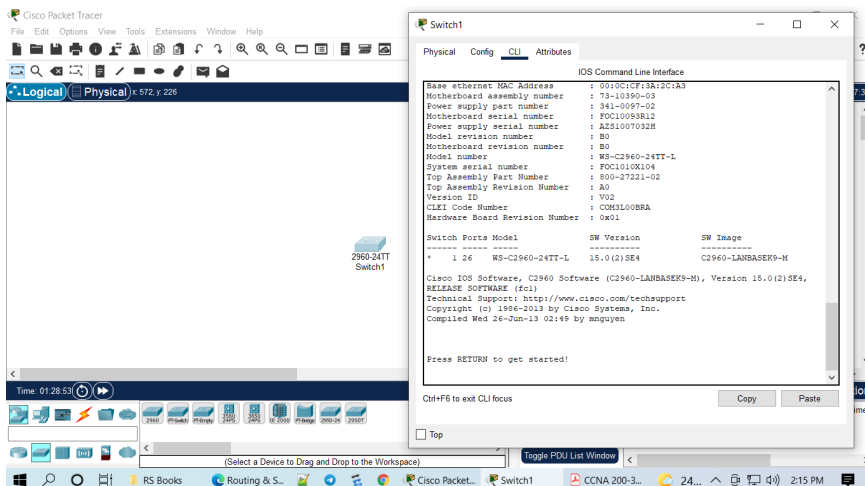
In this Lab you shall perform the following:-

- Configure the hostname of the switch as **BaratonSwitch**
- Set a message of the day (MOTD) banner for the switch as below

```
*****  
  
###Only Authorized users allowed to access Baraton Switch###  
  
*****
```

- Configure switch passwords,
line console password as **baraton123** (this password gives access to the switch)
enable secret password as **baraton1234** (this password gives access to the configuration mode of the switch or privilege mode)
- Saving all your configuration done on the switch

Start your packet tracer, go to network devices, select switches and pick the first one, double click on it, go to command line interface.



Compiled by Mr. Jefferson Mwatati, 2022, University of Eastern Africa Baraton

In the command line we have different **configuration modes**:

User Mode

Switch>

Privileged Mode

Switch#

Global Configuration Mode

Switch(config)#

Perform the configurations on the switch as shown below;-

Go to configuration terminal

Switch>

Switch>enable

Switch#

Switch#configure terminal

Enter configuration commands, one per line. End with CNTL/Z.

Switch(config)#

Configure Switch Name

Switch(config)#hostname BaratonSwitch

BaratonSwitch(config)#

Configure message of the day

BaratonSwitch(config)#banner motd \$

Enter TEXT message. End with the character '\$'.

###Only Authorized users allowed to access Baraton Switch###

\$

Configure line console password

BaratonSwitch(config)#

BaratonSwitch(config)#line console 0

BaratonSwitch(config-line)#

BaratonSwitch(config-line)#password baraton123

BaratonSwitch(config-line)#login

BaratonSwitch(config-line)#exit

Configure enable secret password

BaratonSwitch(config)#

BaratonSwitch(config)#enable secret baraton1234

BaratonSwitch(config)#exit

BaratonSwitch#

%SYS-5-CONFIG_I: Configured from console by console

BaratonSwitch#exit

BaratonSwitch con0 is now available

Text if the MOTD and passwords are well configured

Press RETURN to get started.

###Only Authorized users allowed to access Baraton Switch###

User Access Verification

Password:

BaratonSwitch>

BaratonSwitch>enable

Password:

BaratonSwitch#

Save your configuration

BaratonSwitch#

BaratonSwitch#copy run startup-config

Destination filename [startup-config]?

Building configuration...

[OK]

BaratonSwitch#

Additional commands

BaratonSwitch#show running-config

BaratonSwitch#conf terminal

BaratonSwitch(config)#service password-encryption

BaratonSwitch#

BaratonSwitch#copy run startup-config