

Telnet into a Cisco Router

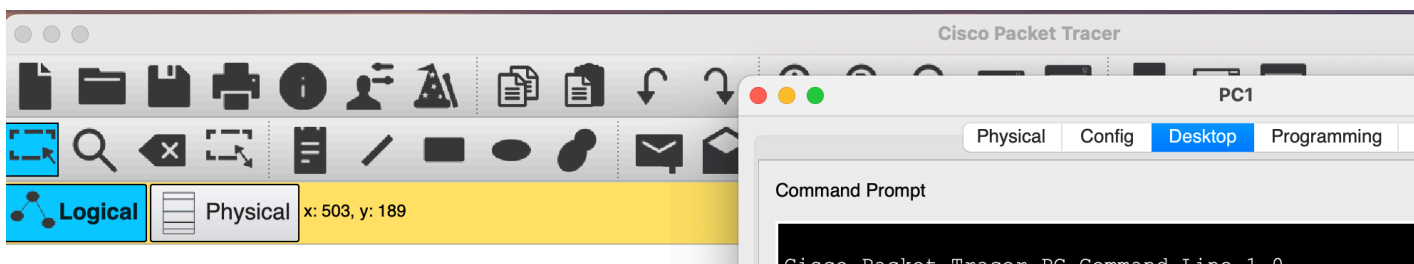
Saturday, August 27, 2022

11:17 AM

The prerequisite to setting up Telnet on a Router is that you have IP addresses on the Router and the PC you are connecting from.

Having a remote access to a router is always helpful to create and modify configurations on a router. All of the configurations below are done in the global config mode of the router. After setting up telnet connection, you will be able to connect to the router and perform configurations on the router, accessing the PC remotely.

- 1) The first step in setting up remote access is to create virtual terminals on the router. This is done by the following command. The following command creates 3 virtual terminals. You can configure a maximum of 100 virtual terminals.
 - a. **line vty 0 2**
- 2) We now configure a password for the default mode with the following command.
 - a. **password "whatever the password is"**
- 3) The third step is to enable login which you can do by the following command.
 - a. **Login**
- 4) For Global Config mode, you can also set a "Enable Password" which is done by the following command.
 - a. **enable password "whatever the password is"**
- 5) While all of this is setup, the passwords are stored in plain text format. To encrypt the passwords to be hashed and stored, it can be done using a single command.
 - a. **service password-encryption**



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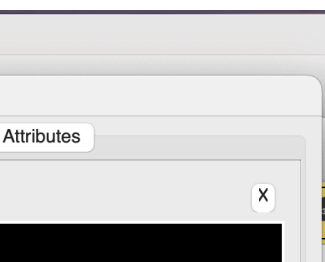
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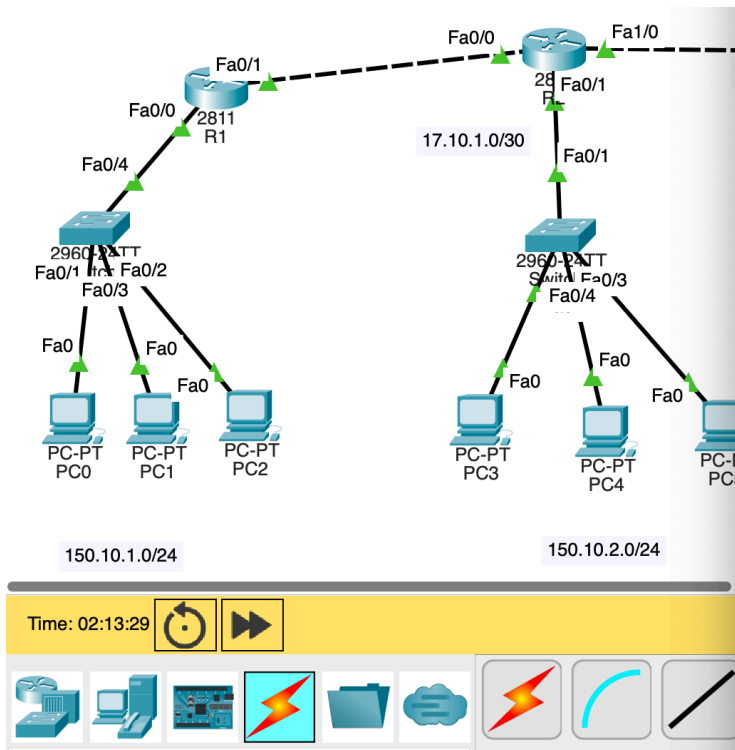
command

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and which is as follows





Cisco Packet Tracer PC Command Line 1.0

```
C:\>telnet 150.10.1.1
Trying 150.10.1.1 ...Open
```

User Access Verification

```
Password:
Router>en
Password:
Router#
```

Top

