# Remote Access
# Telnet

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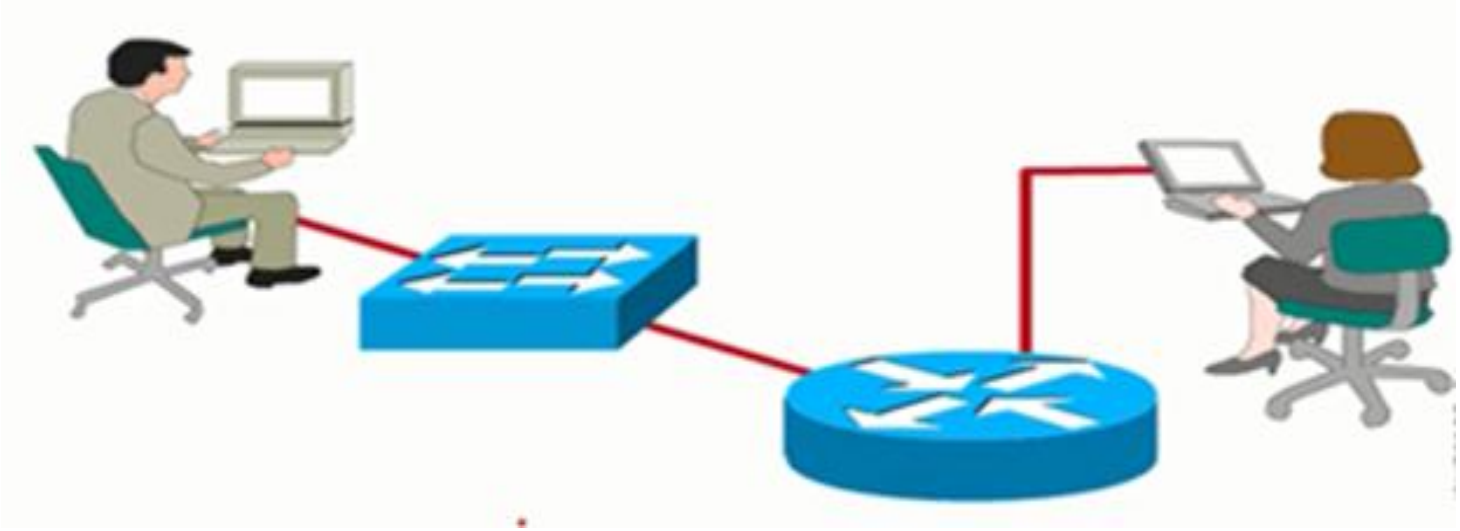
# Steps

- Reachability (IP)
- Security
  - Privileged Level Passwords
    - **Enable Password (not encrypted)**
    - **Enable Secret Password (encrypted password)**

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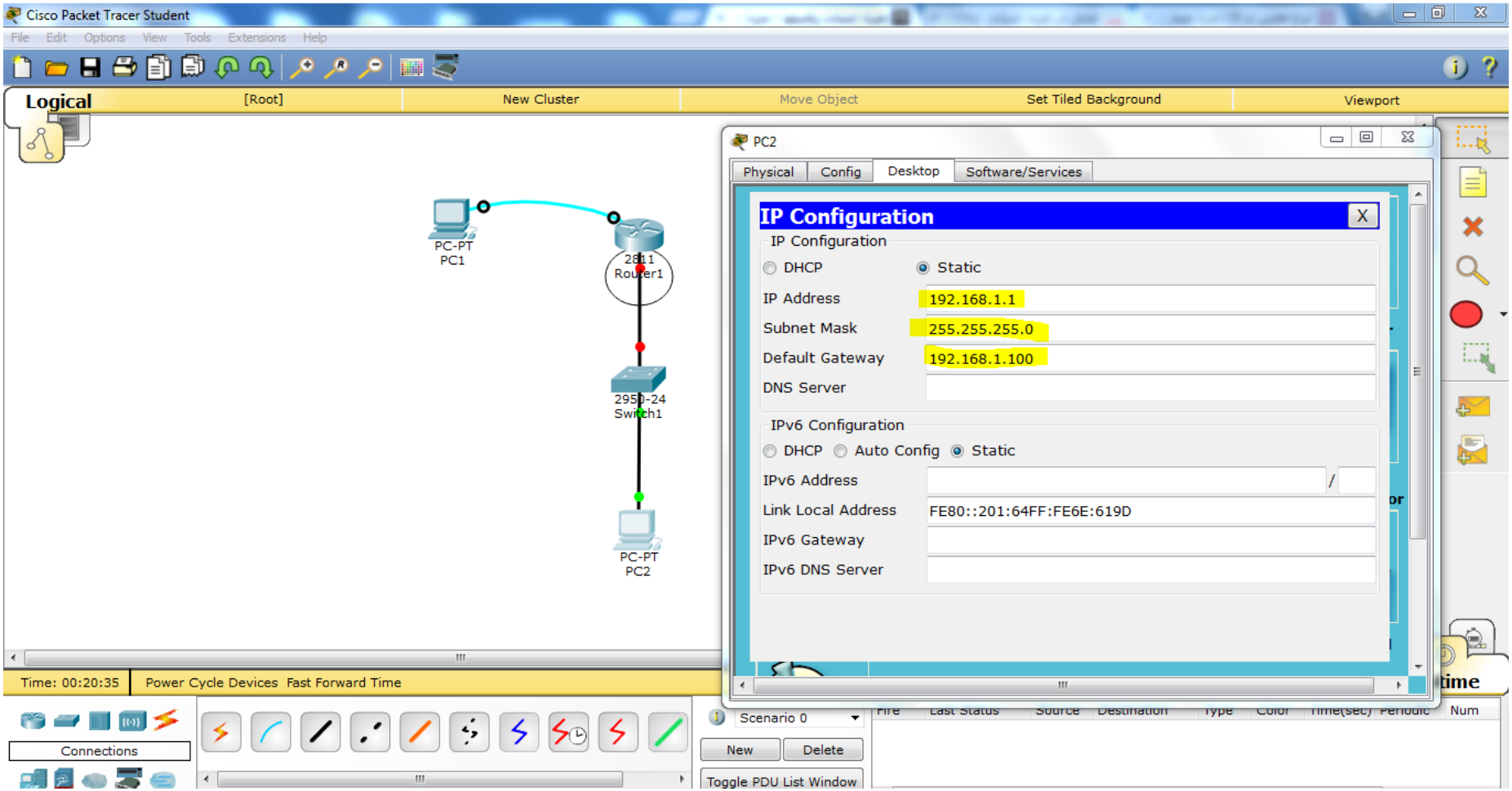



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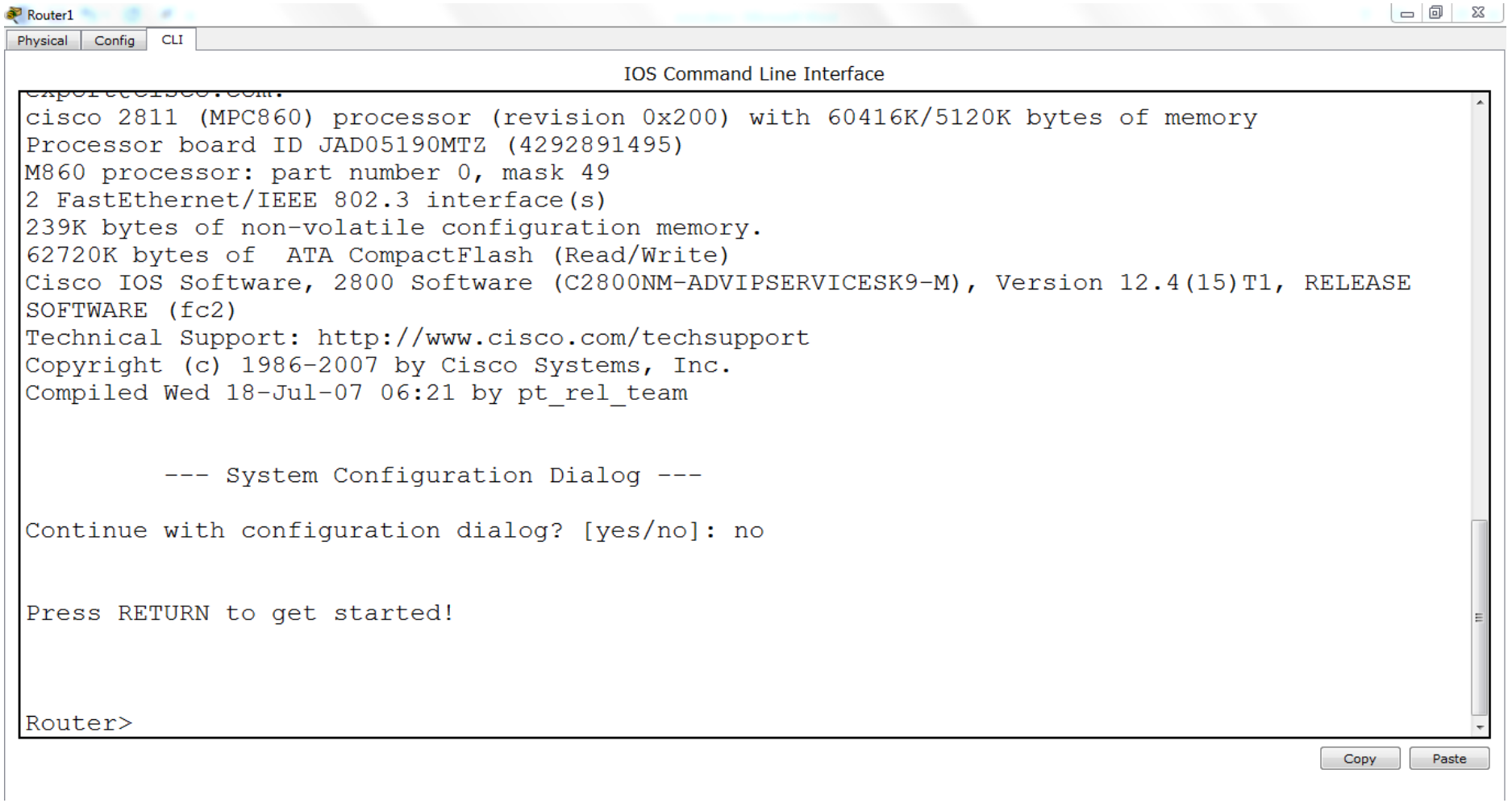



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Router1

Physical | Config | CLI

IOS Command Line Interface

```
Compiled Wed 18-Jul-07 06:21 by pt_rel_team


        --- System Configuration Dialog ---

Continue with configuration dialog? [yes/no]: no


Press RETURN to get started!



Router>enable
Router#show ip interface brief
Interface              IP-Address      OK? Method Status                Protocol

FastEthernet0/0        unassigned      YES unset  administratively down down

FastEthernet0/1        unassigned      YES unset  administratively down down

Vlan1                  unassigned      YES unset  administratively down down
Router#
Router#
```

**Router > enable**
**Router # show ip interface brief**

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Router1

Physical | Config | CLI

IOS Command Line Interface

```
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Router#show ip interface brief
Interface              IP-Address      OK? Method Status                Protocol

FastEthernet0/0        unassigned      YES NVRAM  administratively down down

FastEthernet0/1        unassigned      YES NVRAM  administratively down down

Vlan1                  unassigned      YES NVRAM  administratively down down
Router#
Router#config t
Enter configuration commands, one per line.  End with CNTL/Z.
Router(config)#interface fastethernet 0/0
Router(config-if)#ip address 192.168.1.100 255.255.255.0
Router(config-if)# no shutdown

Router(config-if)#
%LINK-5-CHANGED: Interface FastEthernet0/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/0, changed state to up

Router(config-if)#
Router(config-if)#
```

**Router # config t**
**Router (config) # interface fastethernet 0/0**
**Router (config-if) # ip address 192.168.1.100 255.255.255.0**
**Router (config-if) # no shutdown**

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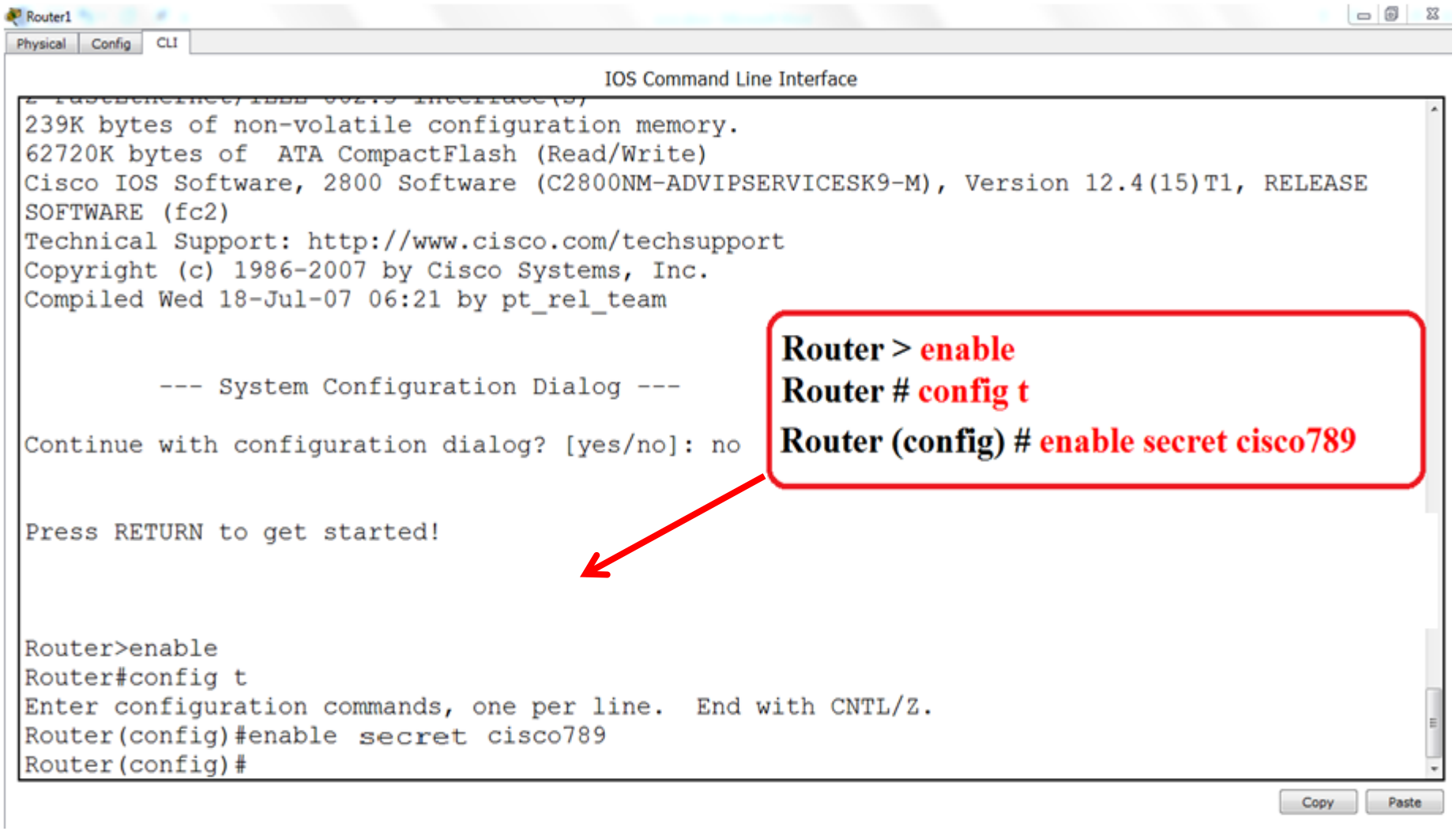



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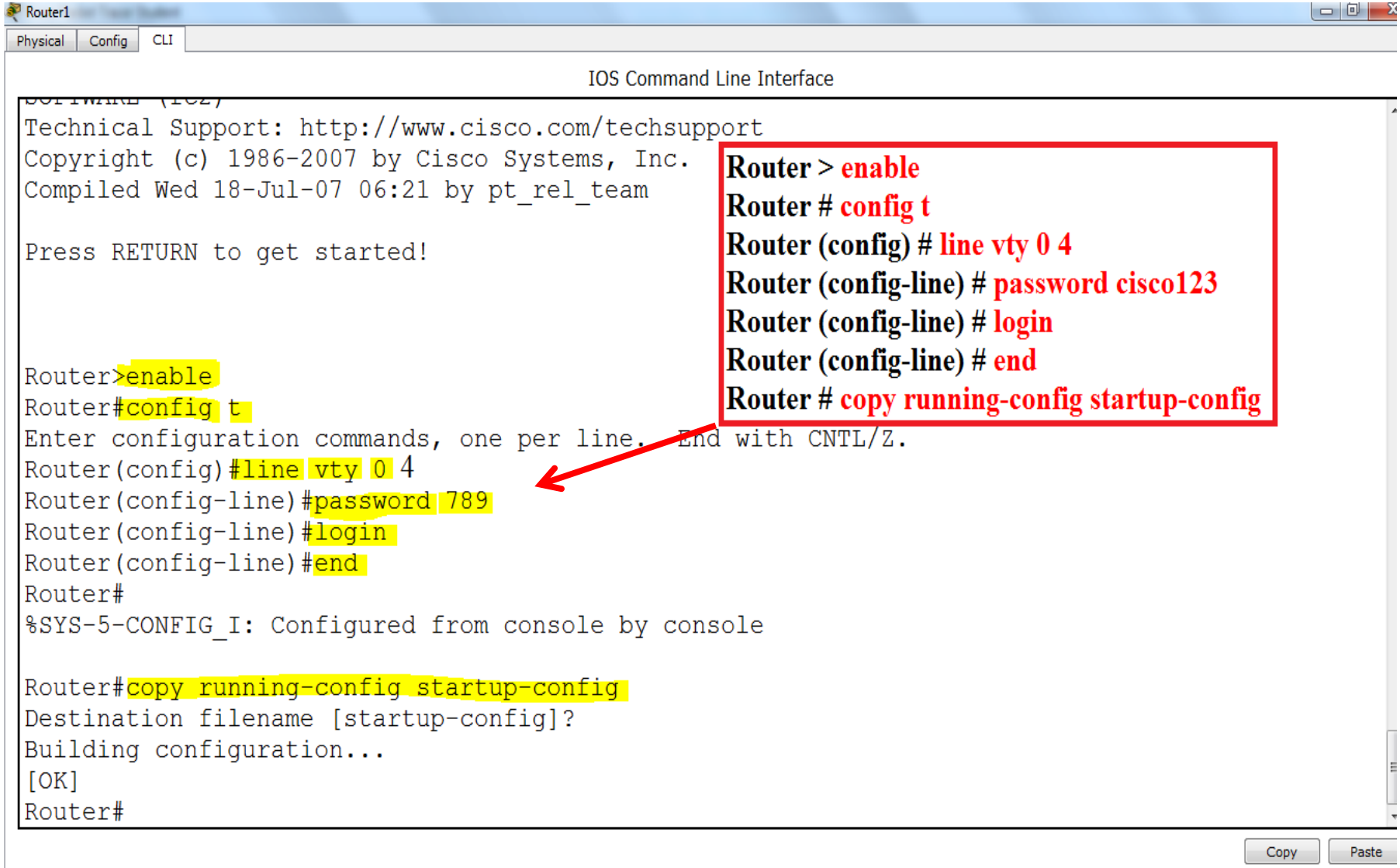



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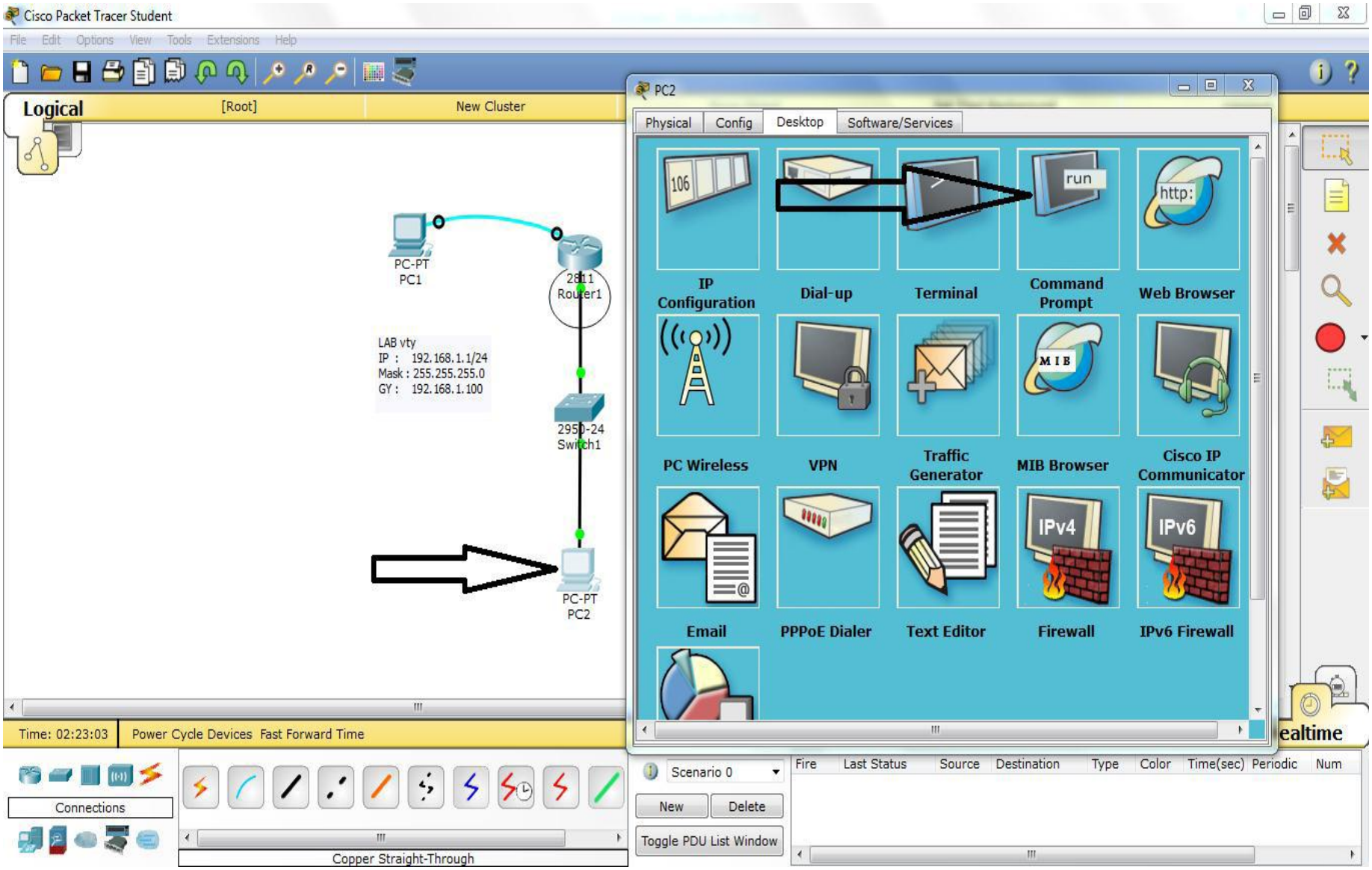



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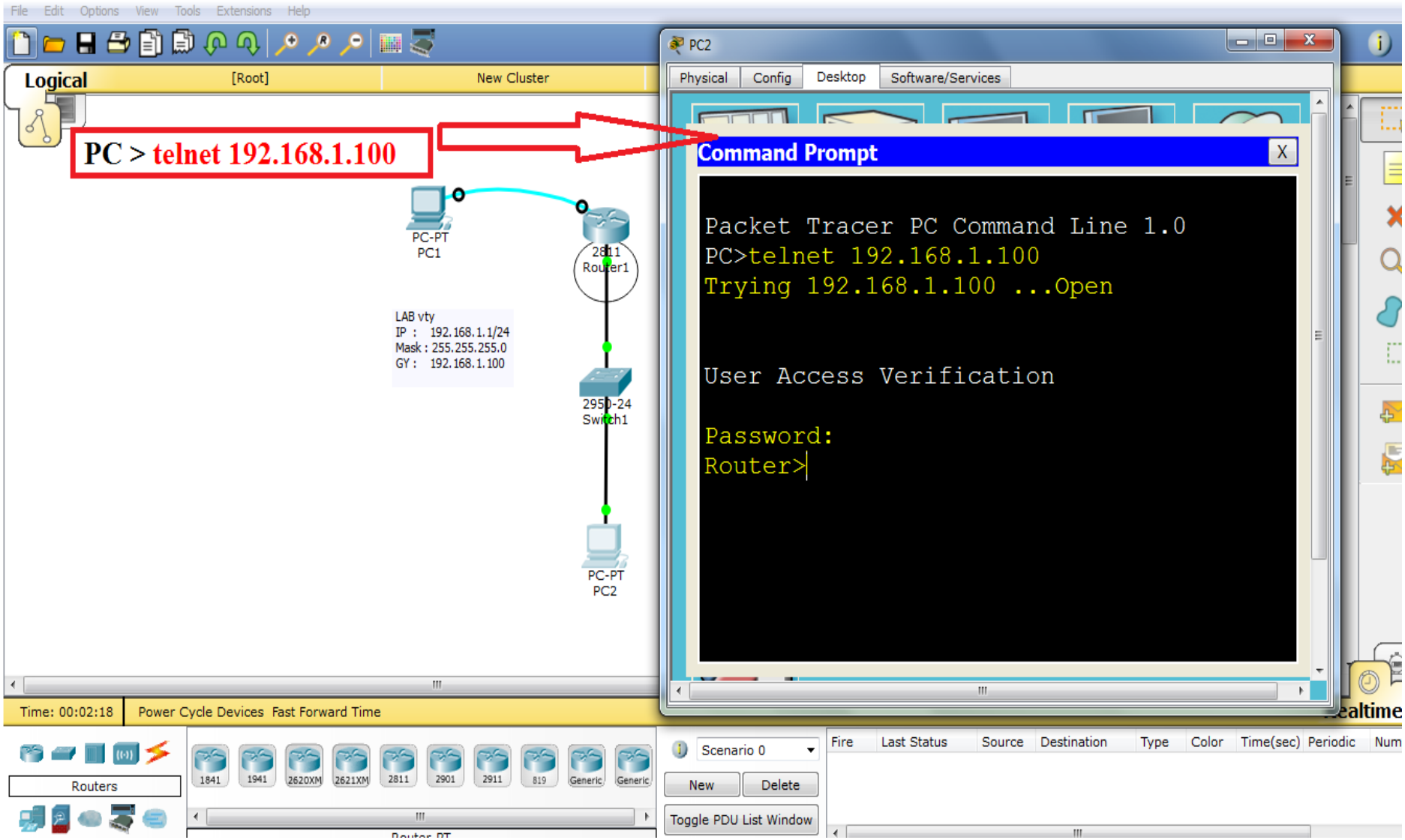



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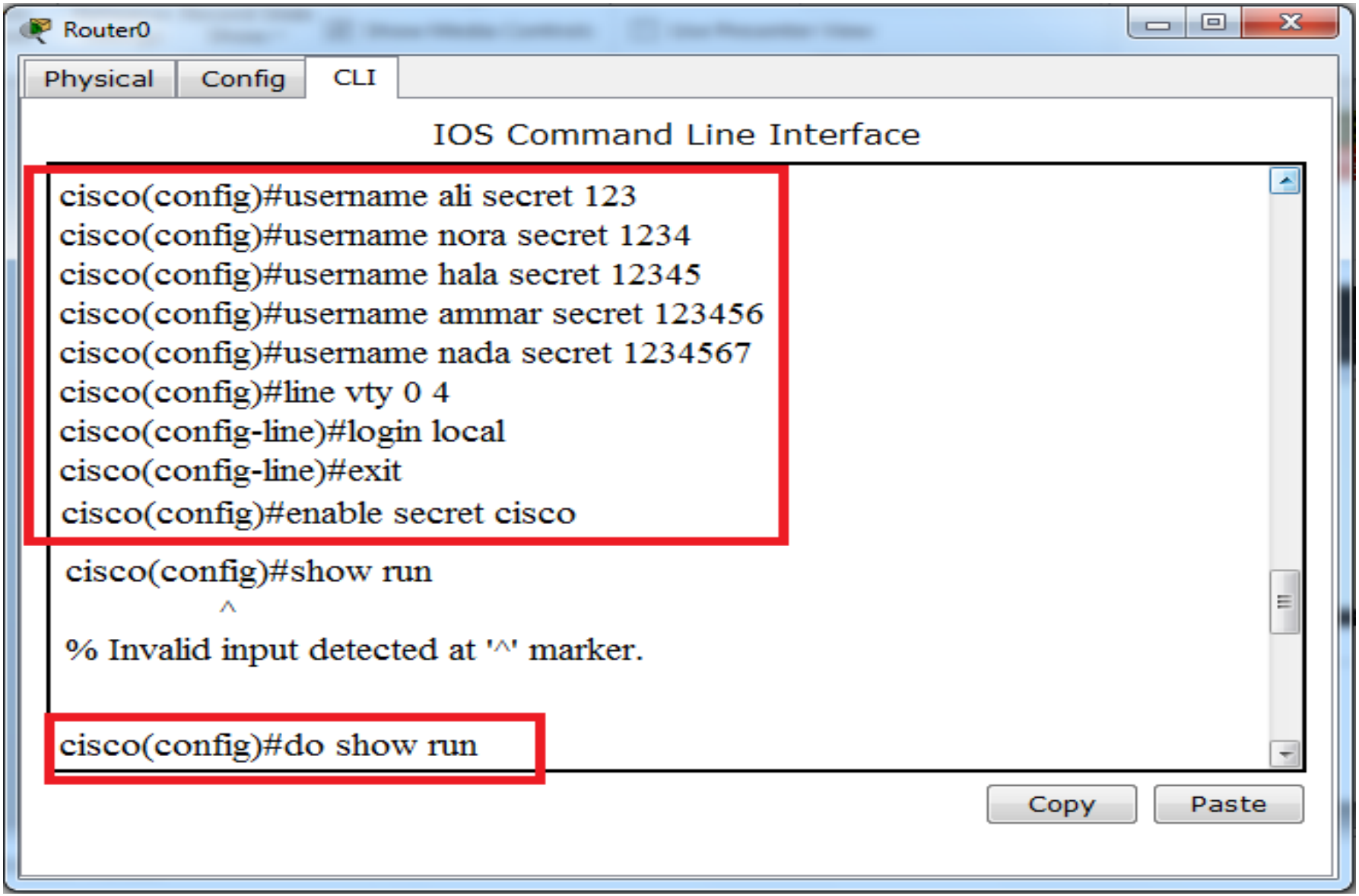



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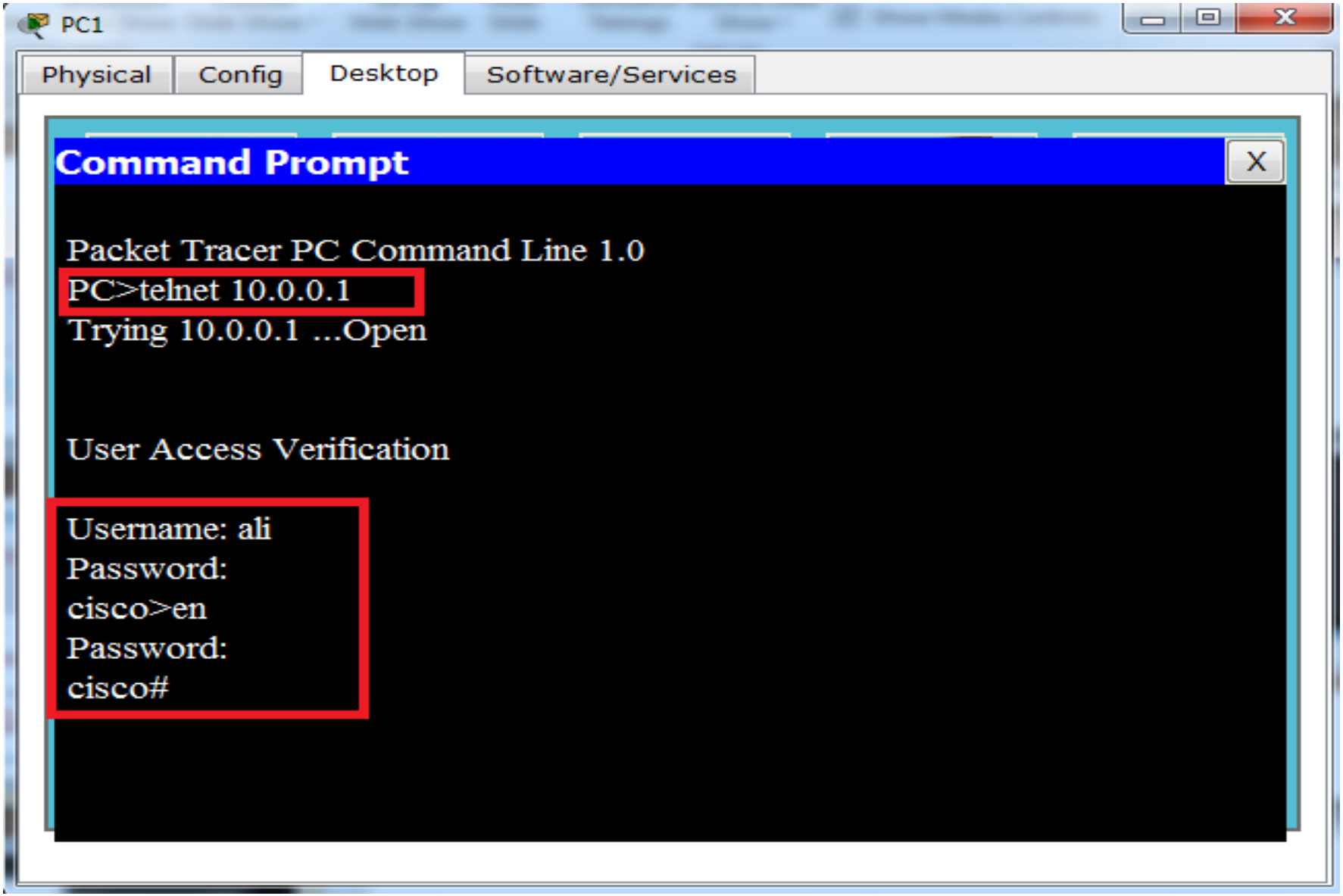



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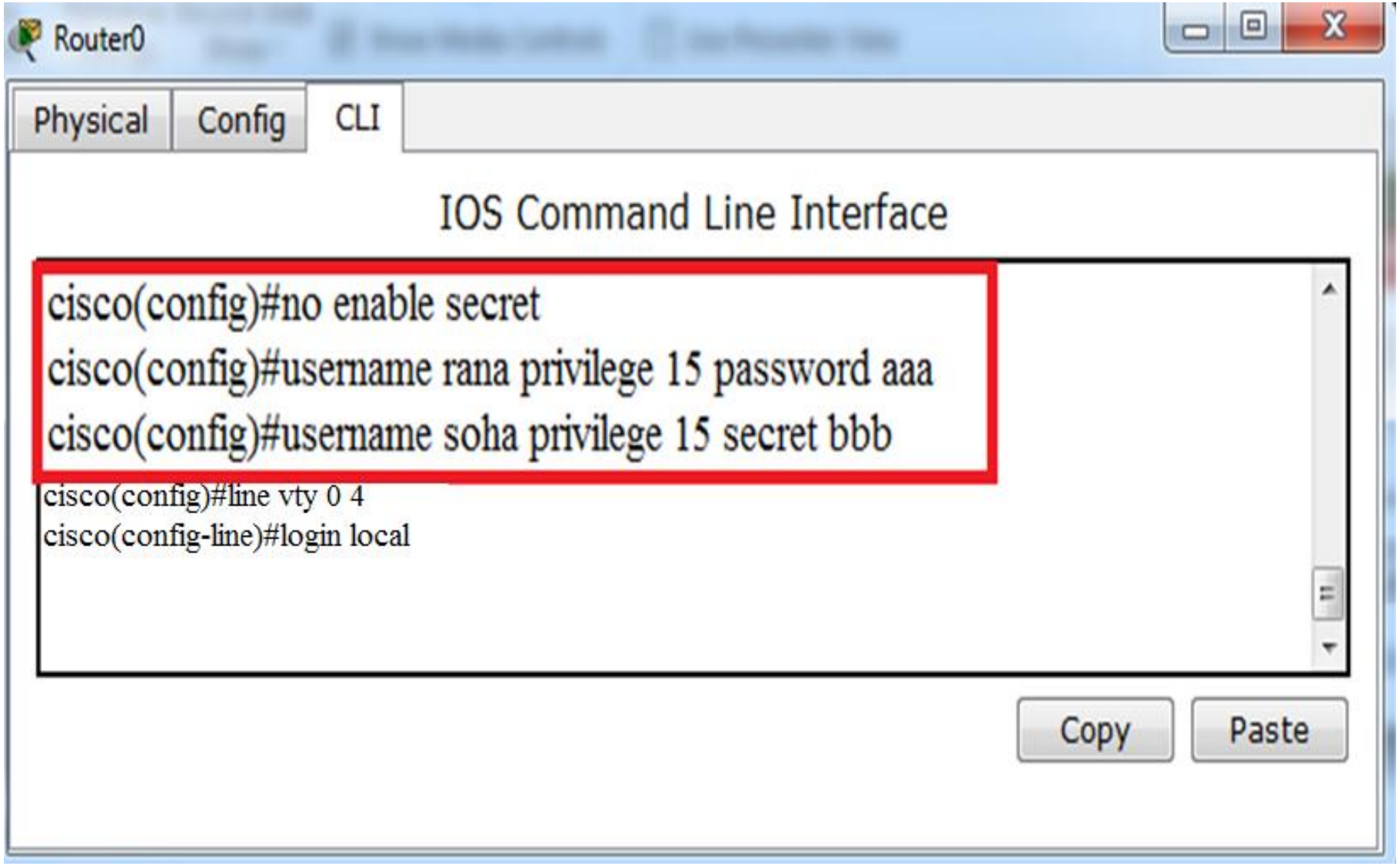



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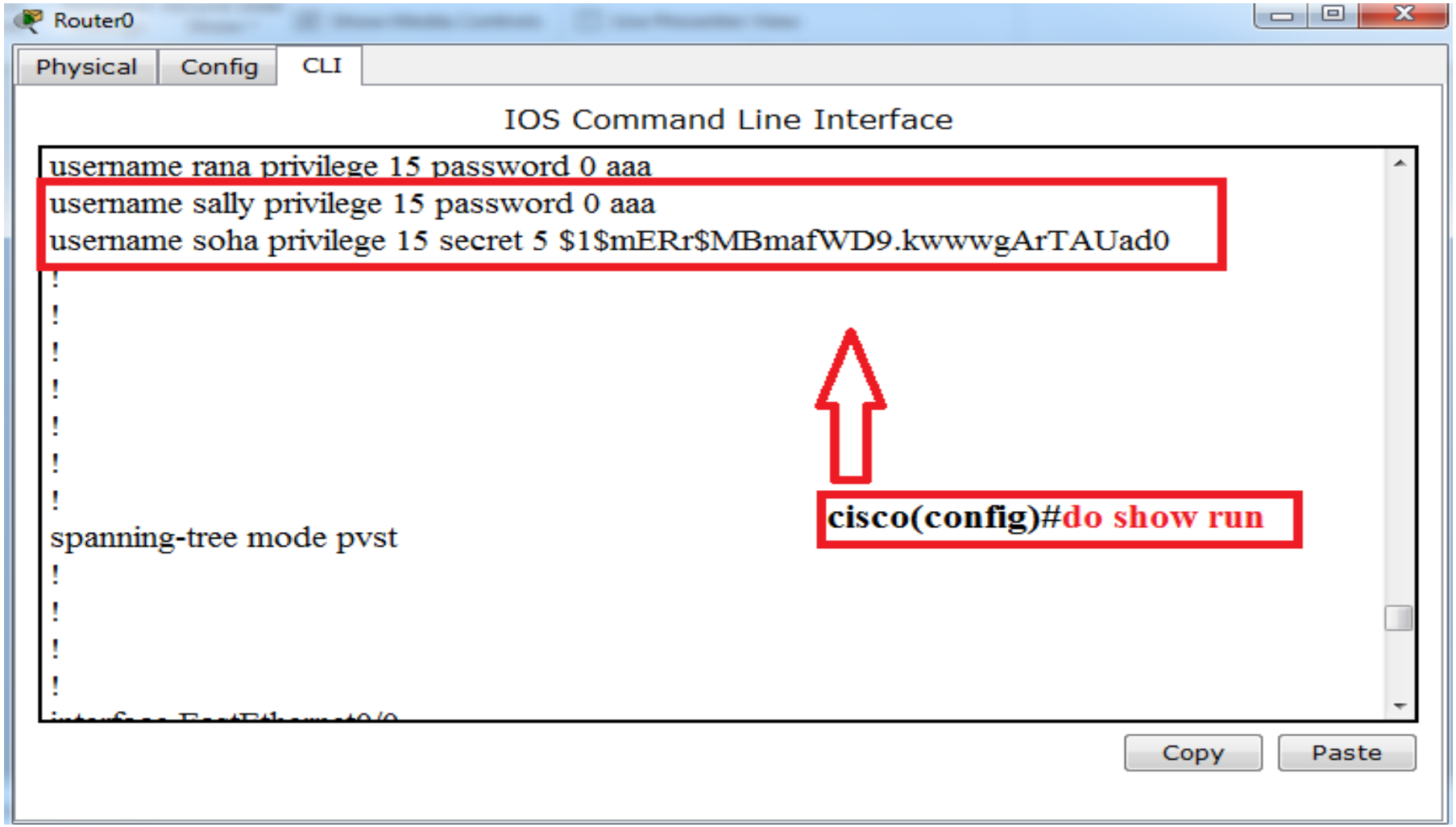



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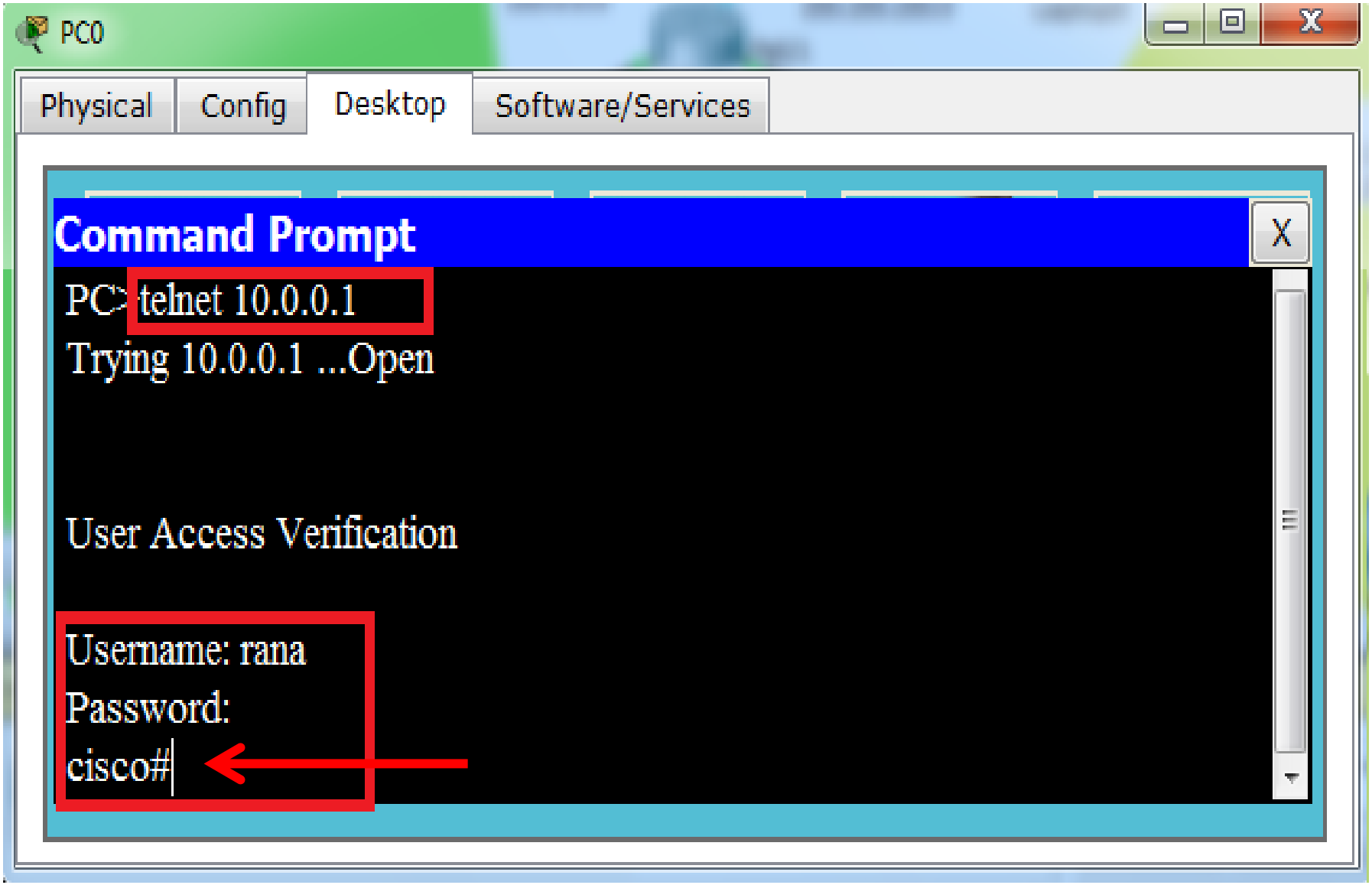



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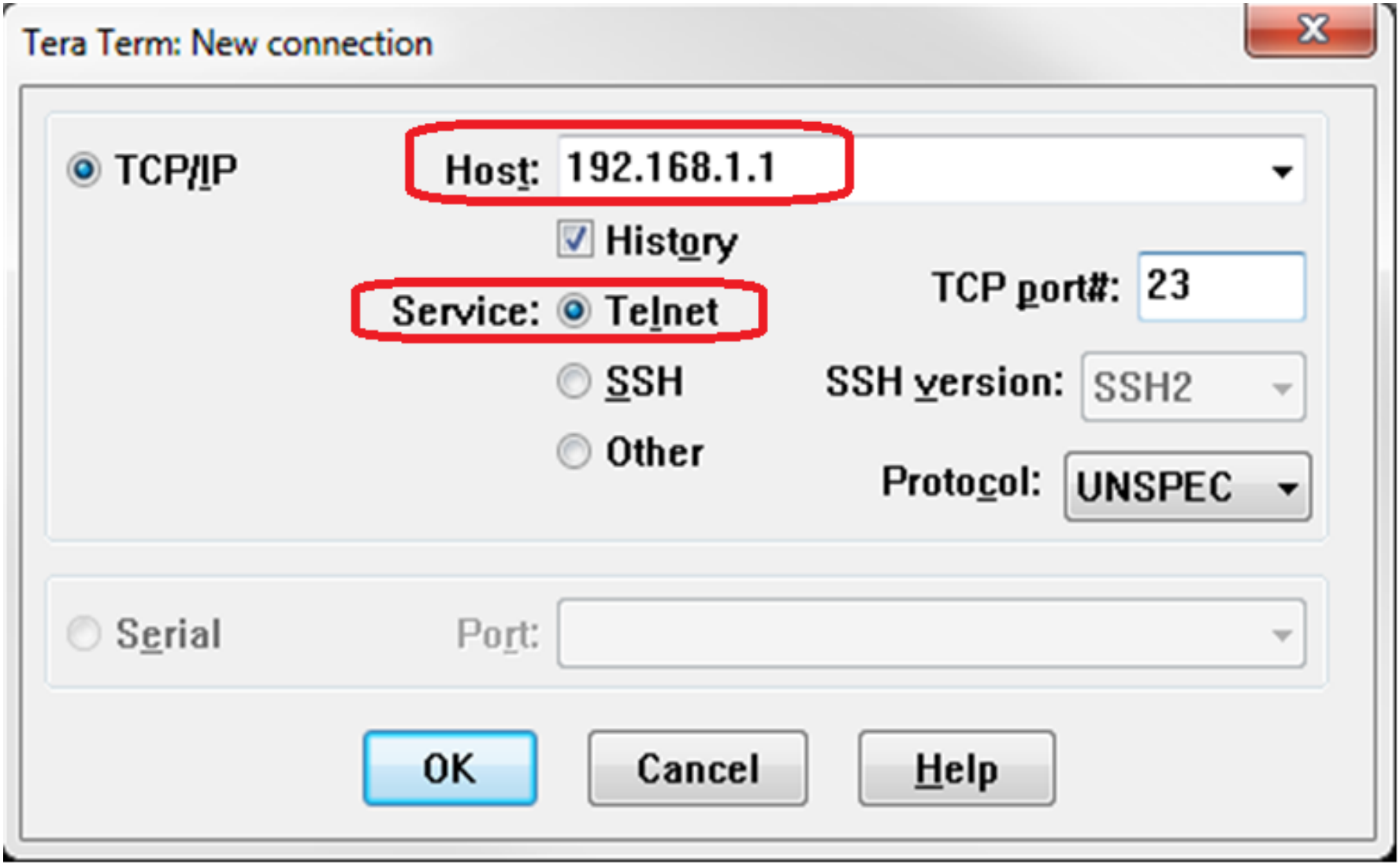



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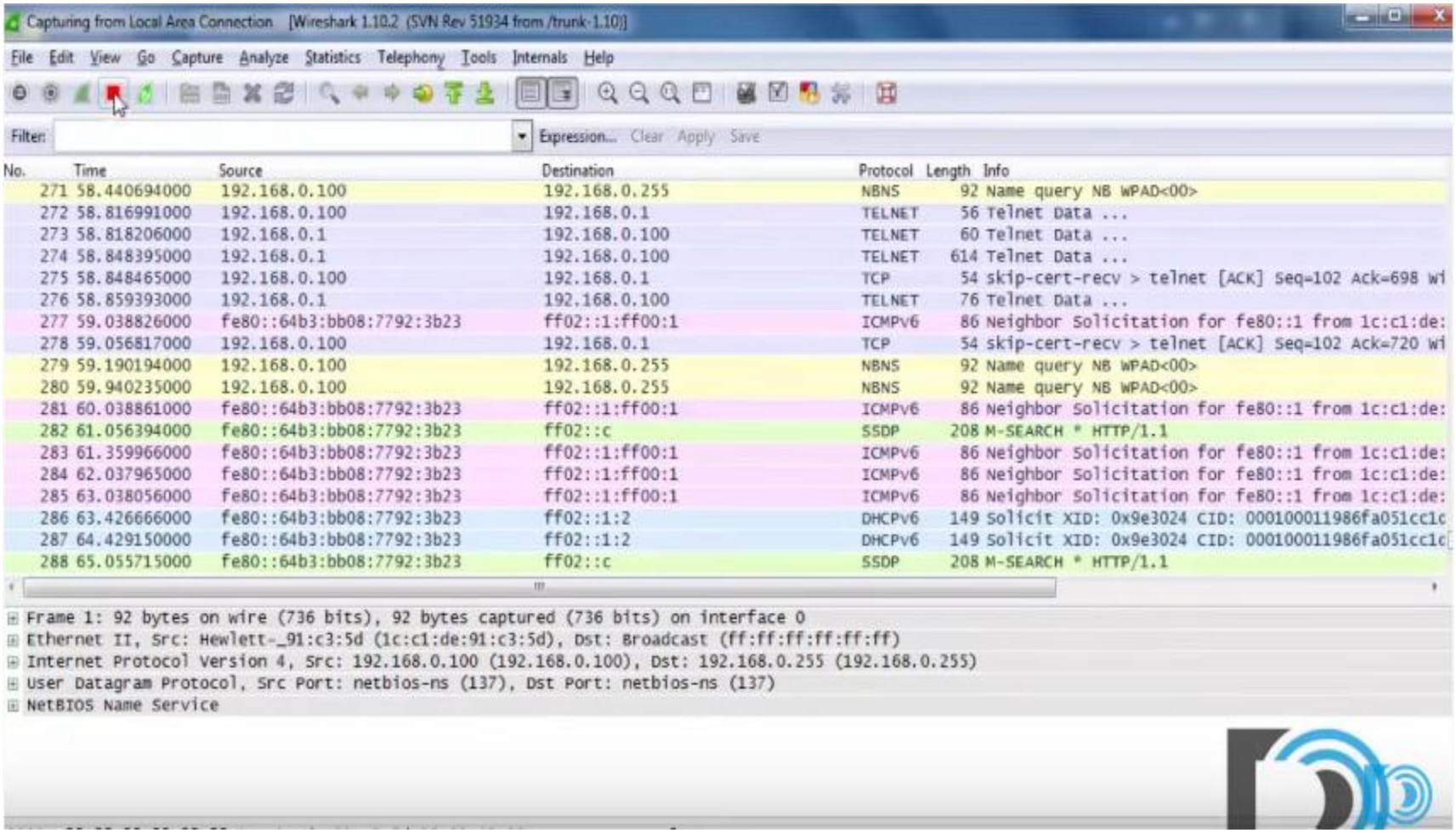
# Wireshark Packet Sniffing Usernames and Passwords





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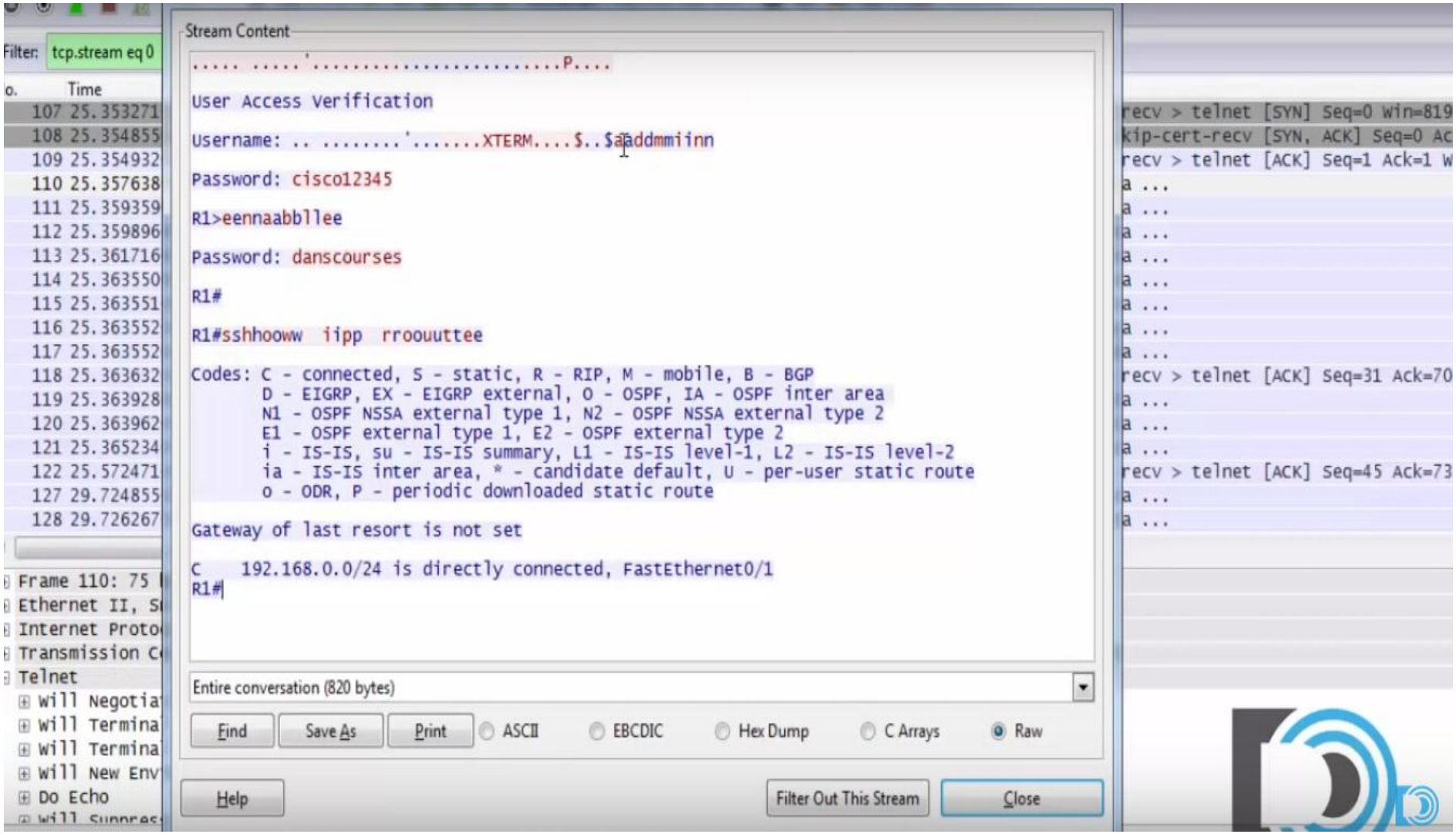



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