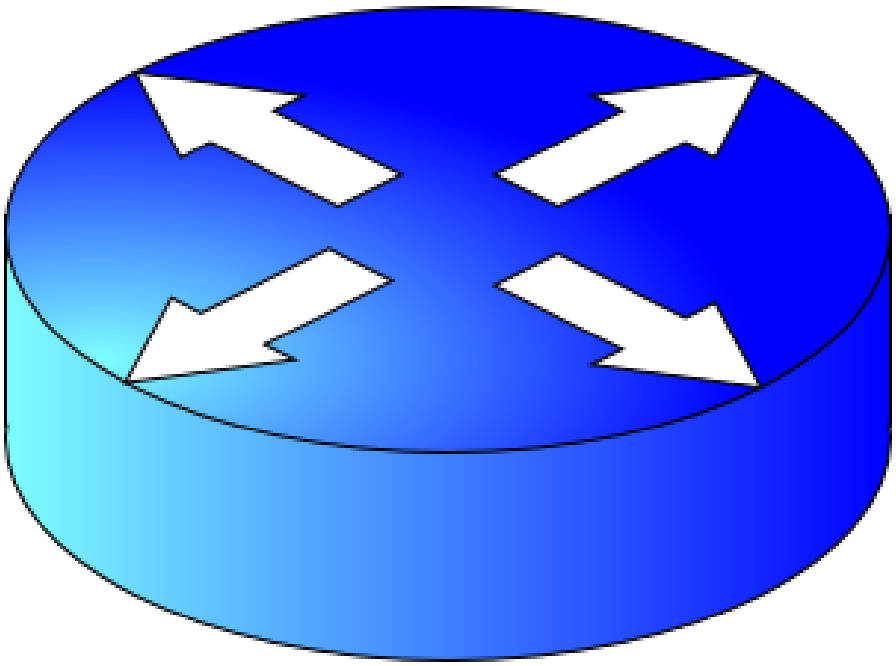
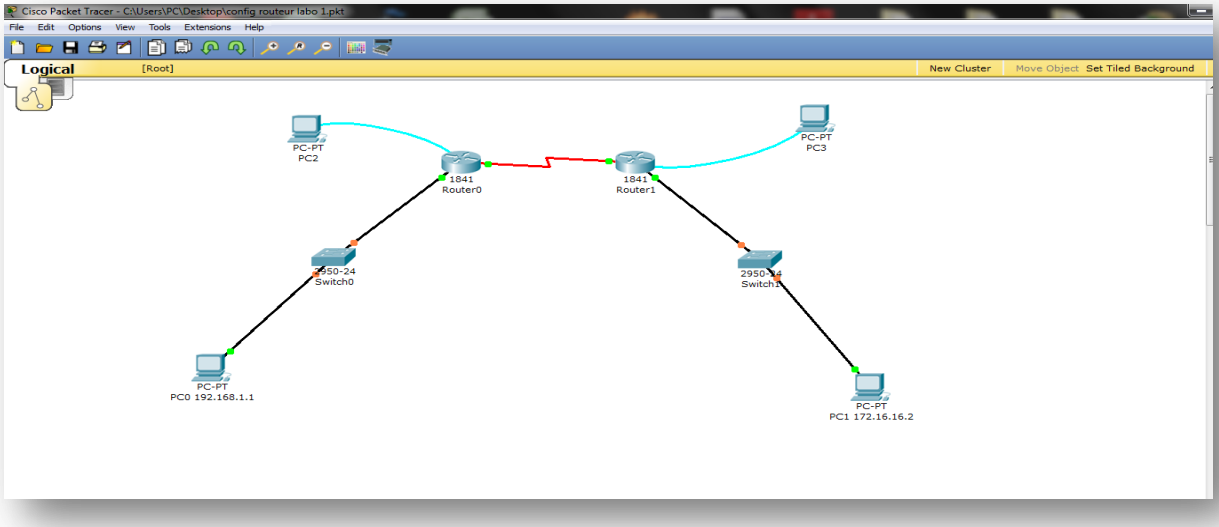
2014

LABO 1

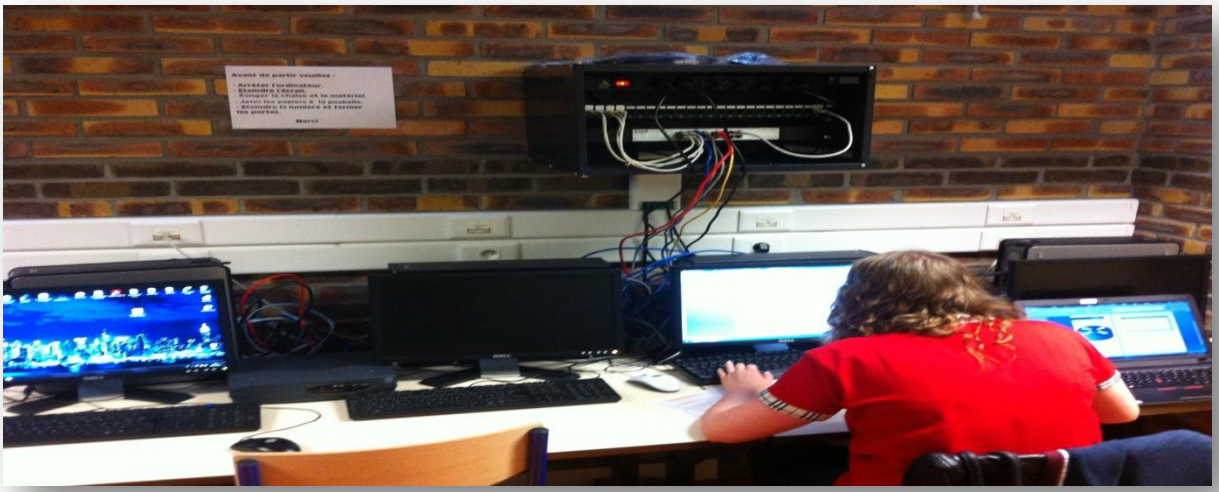


Mise en place d'un réseau avec quatre postes de travail, un switch et deux routeurs.

- Nous avons premièrement créé la construction du réseau virtuellement a l'aide du logiciel CISCO.

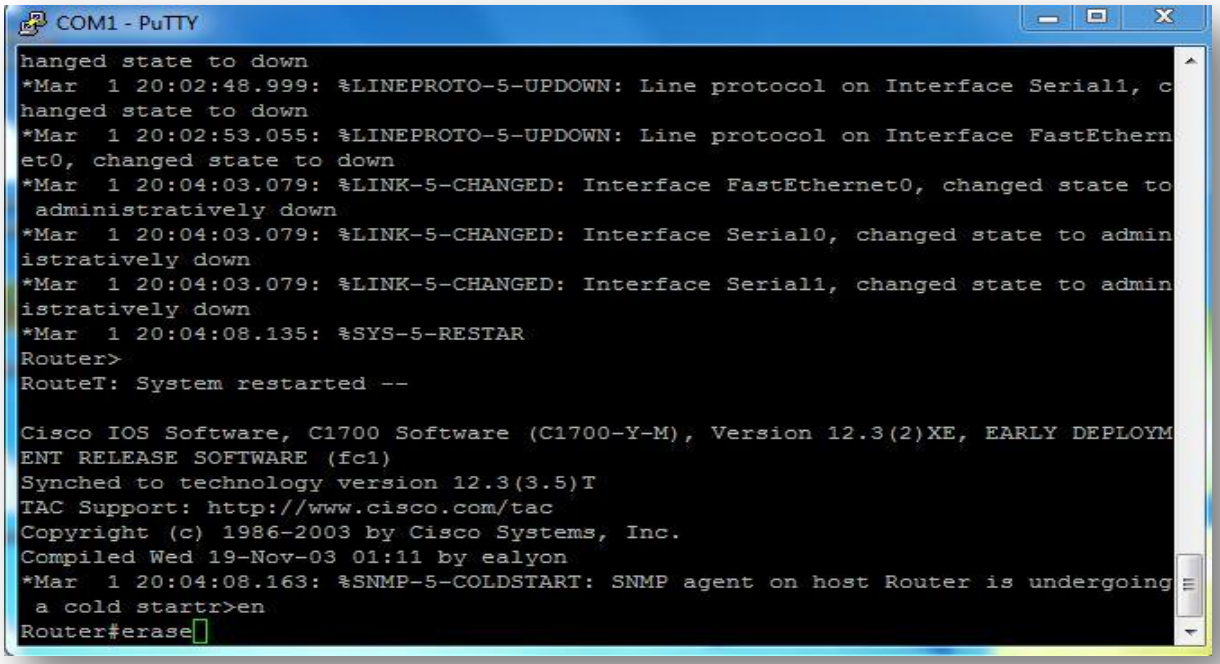


- Ensuite après fonctionnement de ce schéma nous l'avons reproduit réellement
- En utilisant notre Labo ci-dessous.

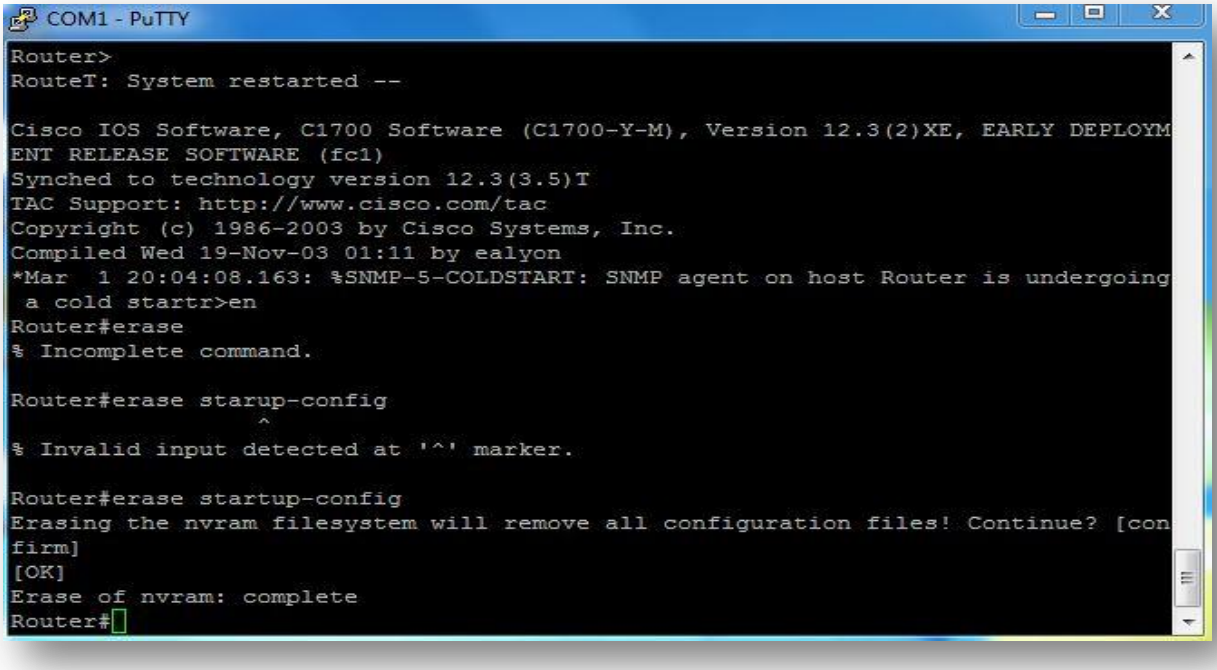


Commande des routeurs

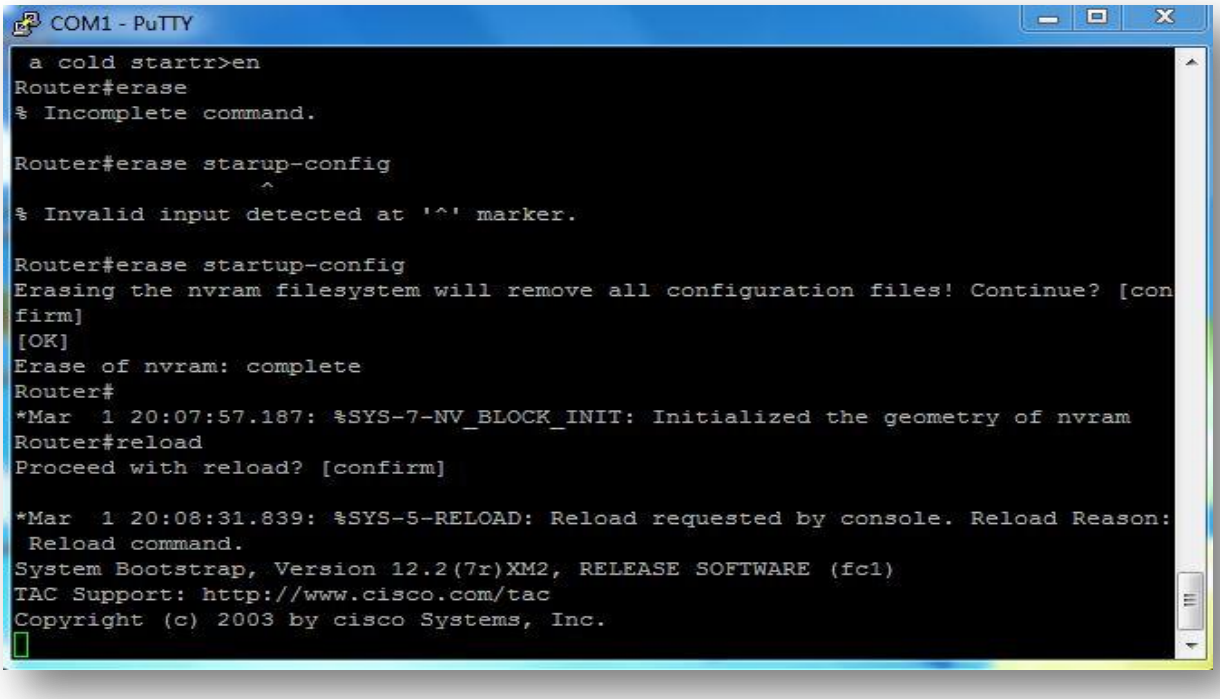
1



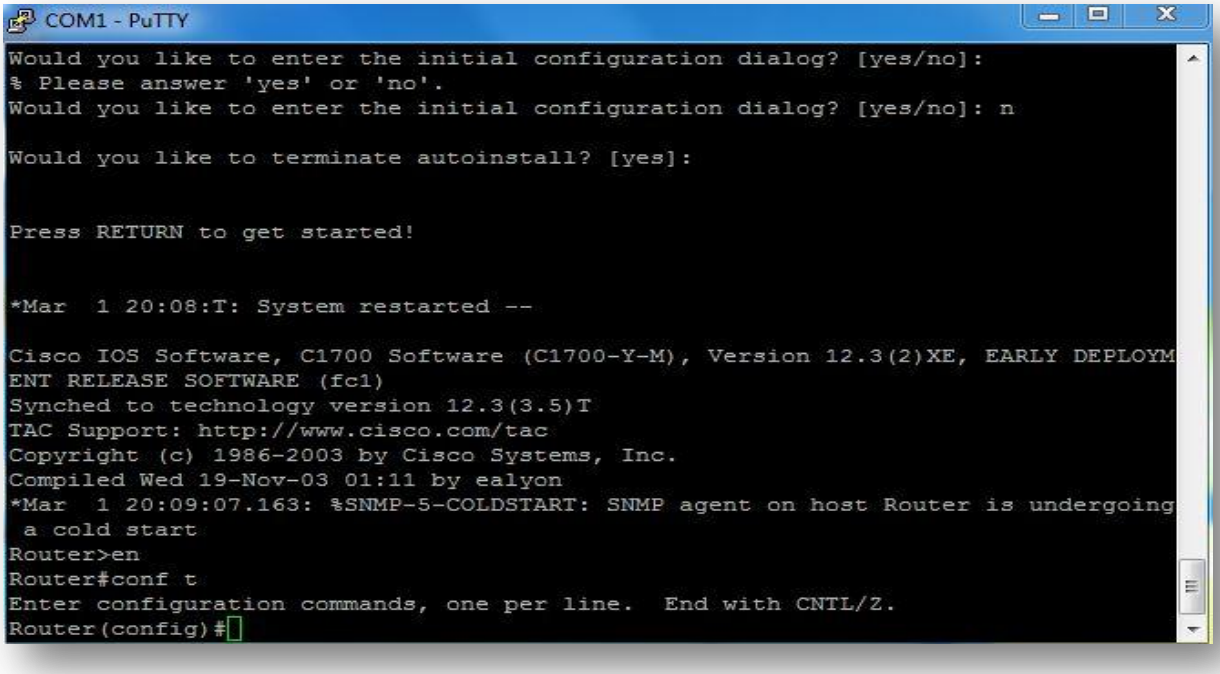
2



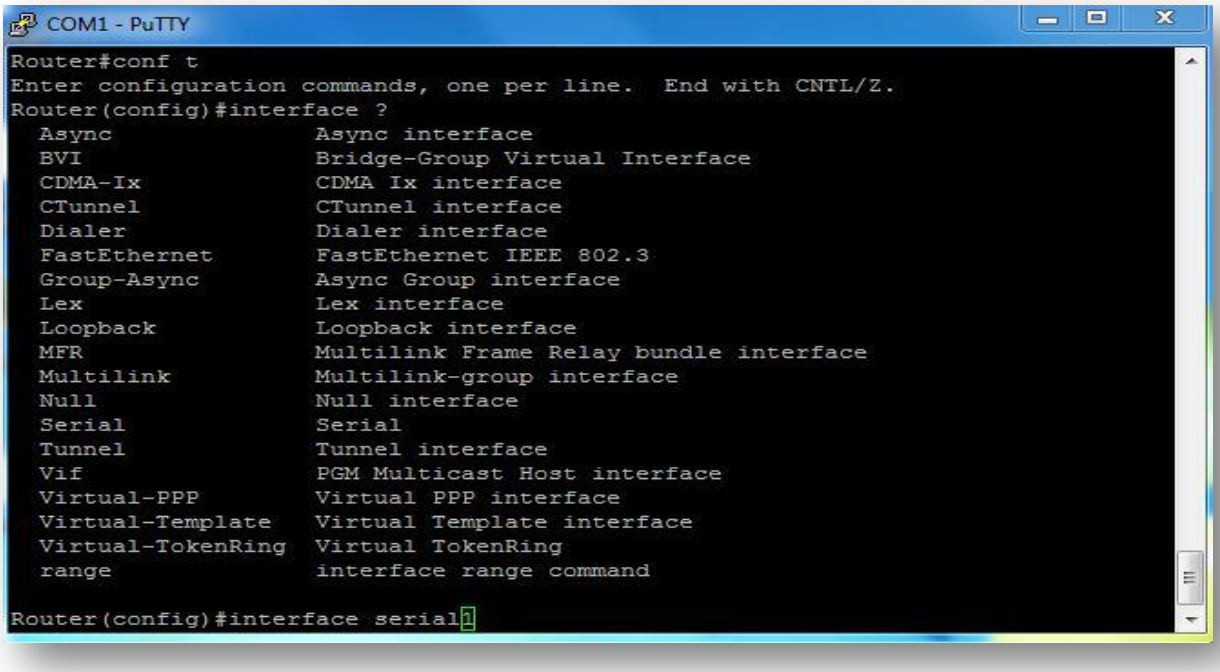
3


COM1 - PuTTY
a cold startr>en
Router#erase
% Incomplete command.
Router#erase starup-config
^
% Invalid input detected at '^' marker.
Router#erase startup-config
Erasing the nvram filesystem will remove all configuration files! Continue? [con
firm]
[OK]
Erase of nvram: complete
Router#
*Mar 1 20:07:57.187: %SYS-7-NV_BLOCK_INIT: Initialized the geometry of nvram
Router#reload
Proceed with reload? [confirm]
*Mar 1 20:08:31.839: %SYS-5-RELOAD: Reload requested by console. Reload Reason:
Reload command.
System Bootstrap, Version 12.2(7r)XM2, RELEASE SOFTWARE (fc1)
TAC Support: http://www.cisco.com/tac
Copyright (c) 2003 by cisco Systems, Inc.

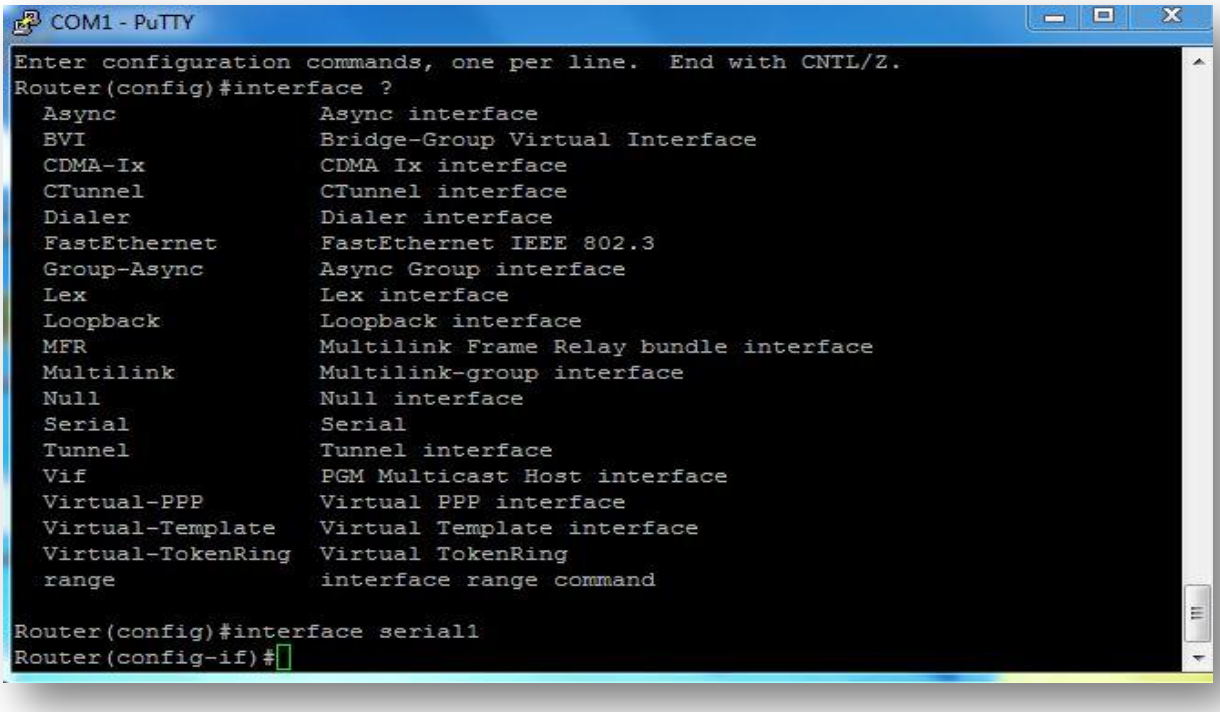
4


COM1 - PuTTY
Would you like to enter the initial configuration dialog? [yes/no]:
% Please answer 'yes' or 'no'.
Would you like to enter the initial configuration dialog? [yes/no]: n
Would you like to terminate autoinstall? [yes]:
Press RETURN to get started!
*Mar 1 20:08:T: System restarted --
Cisco IOS Software, C1700 Software (C1700-Y-M), Version 12.3(2)XE, EARLY DEPLOYM
ENT RELEASE SOFTWARE (fc1)
Synched to technology version 12.3(3.5)T
TAC Support: http://www.cisco.com/tac
Copyright (c) 1986-2003 by Cisco Systems, Inc.
Compiled Wed 19-Nov-03 01:11 by ealyon
*Mar 1 20:09:07.163: %SNMP-5-COLDSTART: SNMP agent on host Router is undergoing
a cold start
Router>en
Router#conf t
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#

5


COM1 - PuTTY
Router#conf t
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#interface ?
  Async   Async interface
  BVI   Bridge-Group Virtual Interface
  CDMA-Ix   CDMA Ix interface
  CTunnel   CTunnel interface
  Dialer   Dialer interface
  FastEthernet   FastEthernet IEEE 802.3
  Group-Async   Async Group interface
  Lex   Lex interface
  Loopback   Loopback interface
  MFR   Multilink Frame Relay bundle interface
  Multilink   Multilink-group interface
  Null   Null interface
  Serial   Serial
  Tunnel   Tunnel interface
  Vif   PGM Multicast Host interface
  Virtual-PPP   Virtual PPP interface
  Virtual-Template   Virtual Template interface
  Virtual-TokenRing Virtual TokenRing
  range   interface range command
Router(config)#interface serial

6


COM1 - PuTTY
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  CDMA-Ix   CDMA Ix interface
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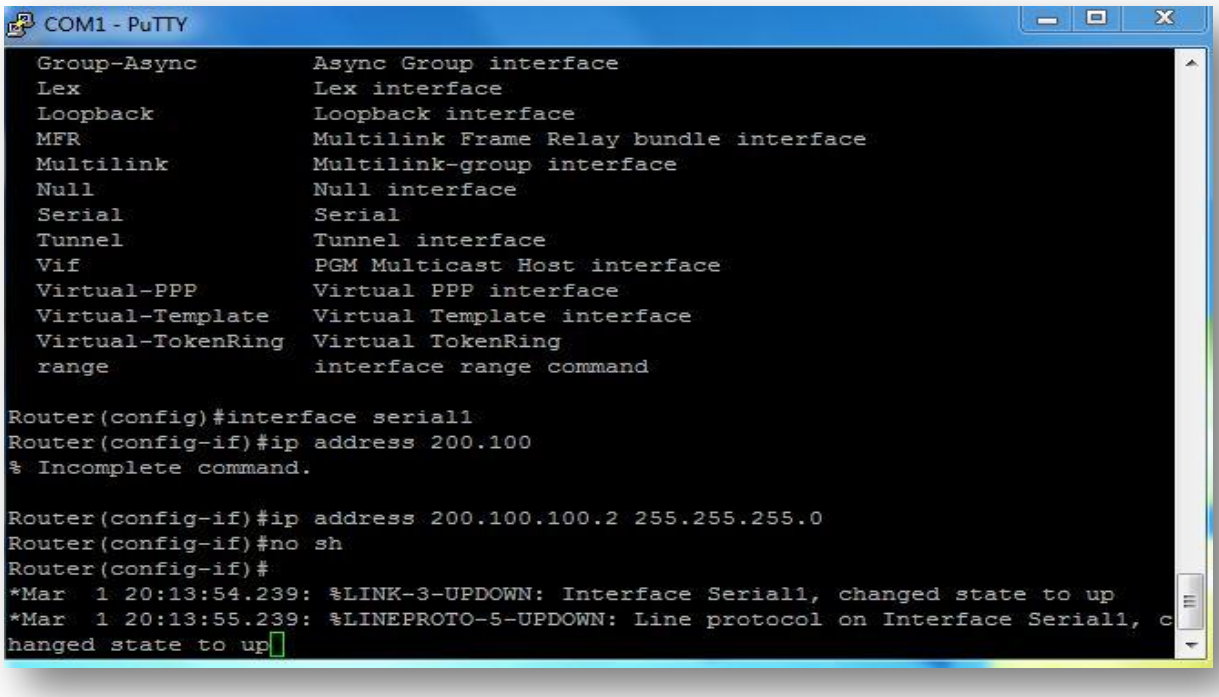
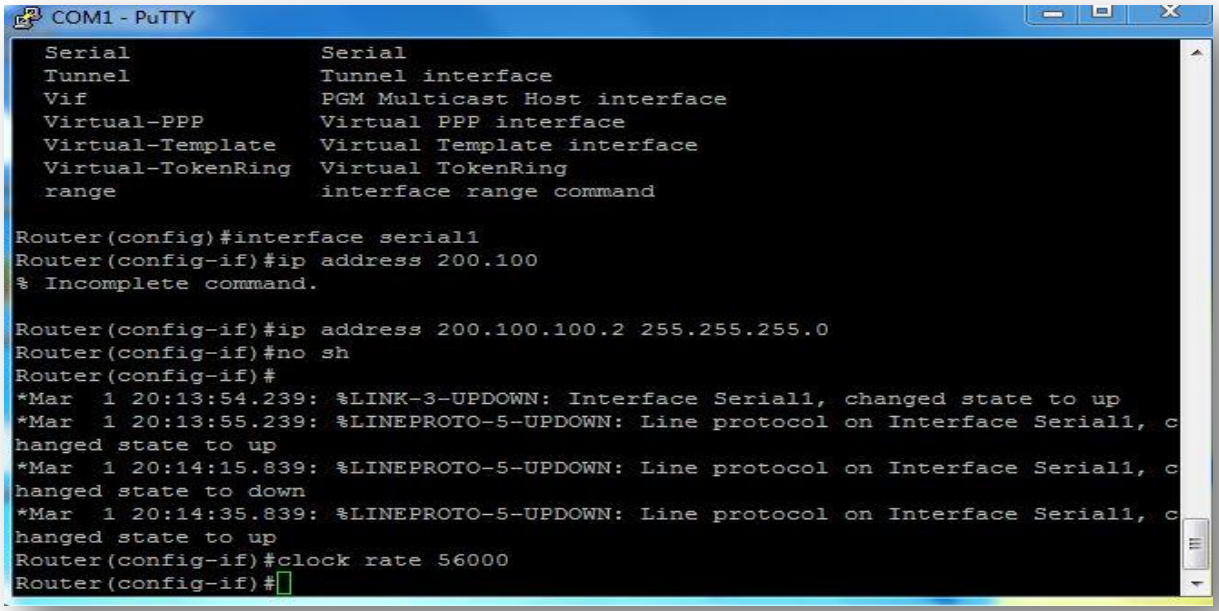
  Virtual-PPP   Virtual PPP interface
  Virtual-Template   Virtual Template interface
  Virtual-TokenRing Virtual TokenRing
  range   interface range command
Router(config)#interface serial1
Router(config-if)#

7


COM1 - PuTTY
Group-Async Async Group interface
Lex Lex interface
Loopback Loopback interface
MFR Multilink Frame Relay bundle interface
Multilink Multilink-group interface
Null Null interface
Serial Serial
Tunnel Tunnel interface
Vif PGM Multicast Host interface
Virtual-PPP Virtual PPP interface
Virtual-Template Virtual Template interface
Virtual-TokenRing Virtual TokenRing
range interface range command
Router(config)#interface serial1
Router(config-if)#ip address 200.100
% Incomplete command.
Router(config-if)#ip address 200.100.100.2 255.255.255.0
Router(config-if)#no sh
Router(config-if)#
*Mar 1 20:13:54.239: %LINK-3-UPDOWN: Interface Serial1, changed state to up
*Mar 1 20:13:55.239: %LINEPROTO-5-UPDOWN: Line protocol on Interface Serial1, c
hanged state to up

8


COM1 - PuTTY
Serial Serial
Tunnel Tunnel interface
Vif PGM Multicast Host interface
Virtual-PPP Virtual PPP interface
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range interface range command
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Router(config-if)#no sh
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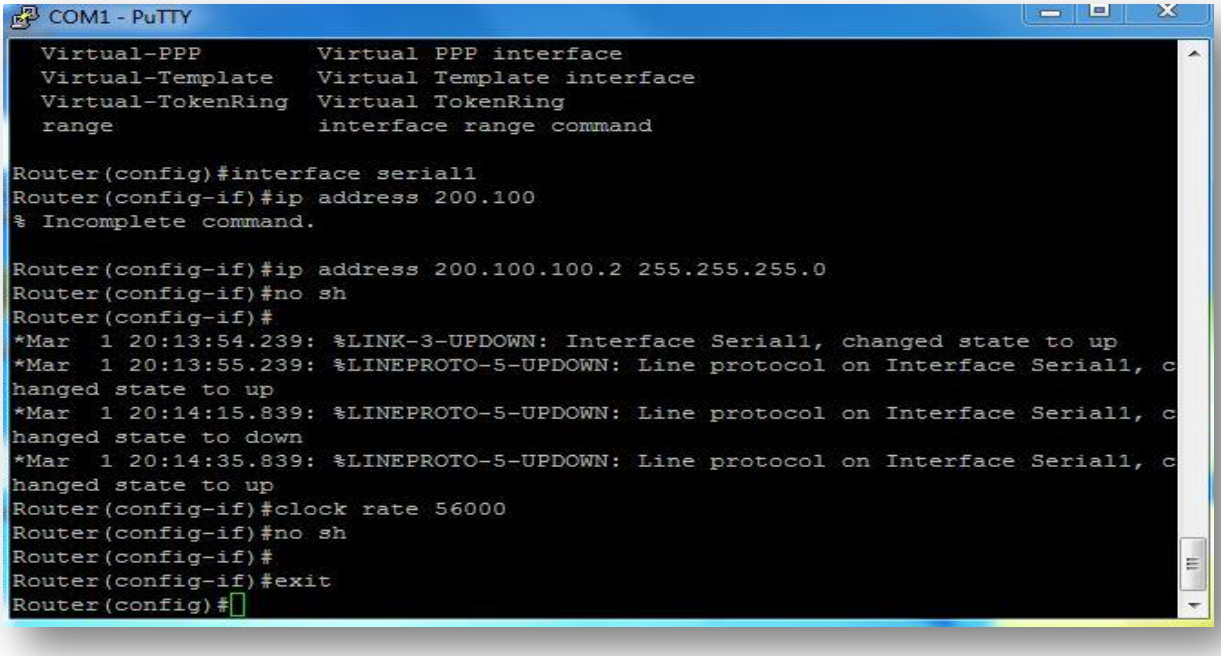
*Mar 1 20:13:54.239: %LINK-3-UPDOWN: Interface Serial1, changed state to up
*Mar 1 20:13:55.239: %LINEPROTO-5-UPDOWN: Line protocol on Interface Serial1, c
hanged state to up
*Mar 1 20:14:15.839: %LINEPROTO-5-UPDOWN: Line protocol on Interface Serial1, c
hanged state to down
*Mar 1 20:14:35.839: %LINEPROTO-5-UPDOWN: Line protocol on Interface Serial1, c
hanged state to up
Router(config-if)#clock rate 56000
Router(config-if)#

9


COM1 - PuTTY
Virtual-PPP Virtual PPP interface
Virtual-Template Virtual Template interface
Virtual-TokenRing Virtual TokenRing
range interface range command
Router(config)#interface serial1
Router(config-if)#ip address 200.100
% Incomplete command.
Router(config-if)#ip address 200.100.100.2 255.255.255.0
Router(config-if)#no sh
Router(config-if)#
*Mar 1 20:13:54.239: %LINK-3-UPDOWN: Interface Serial1, changed state to up
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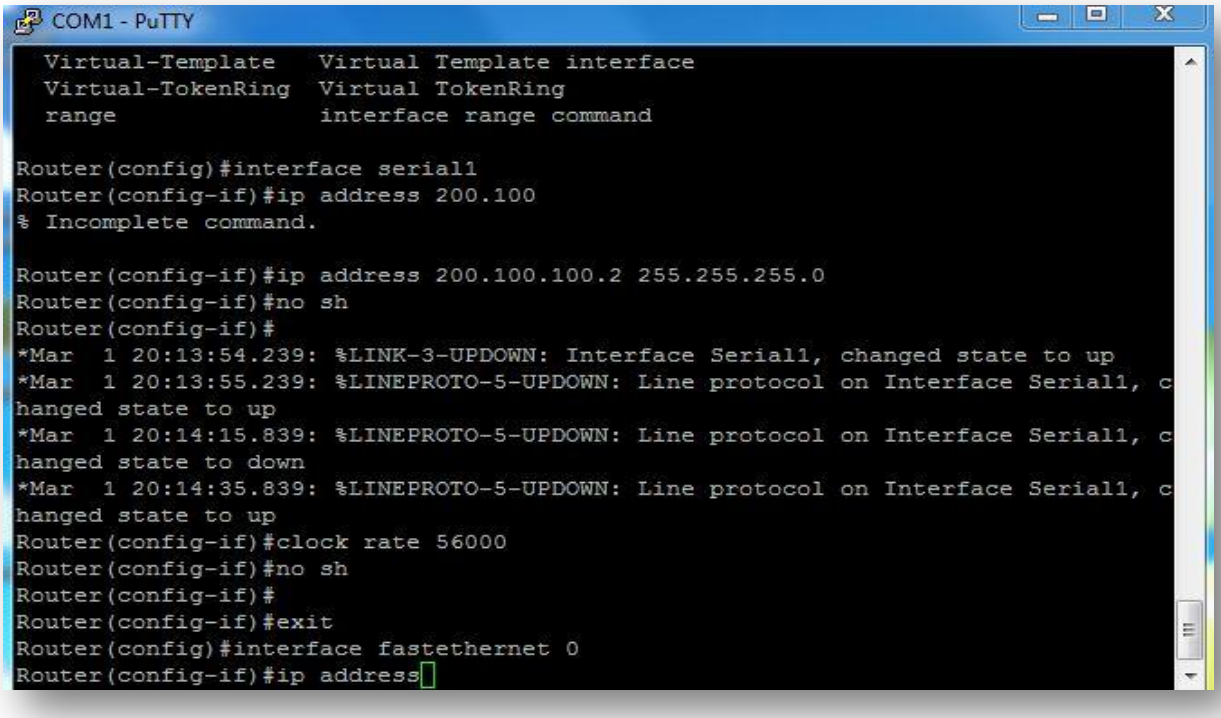
hanged state to down
*Mar 1 20:14:35.839: %LINEPROTO-5-UPDOWN: Line protocol on Interface Serial1, c
hanged state to up
Router(config-if)#clock rate 56000
Router(config-if)#no sh
Router(config-if)#
Router(config-if)#exit
Router(config)#

10


COM1 - PuTTY
Virtual-Template Virtual Template interface
Virtual-TokenRing Virtual TokenRing
range interface range command
Router(config)#interface serial1
Router(config-if)#ip address 200.100
% Incomplete command.
Router(config-if)#ip address 200.100.100.2 255.255.255.0
Router(config-if)#no sh
Router(config-if)#
*Mar 1 20:13:54.239: %LINK-3-UPDOWN: Interface Serial1, changed state to up
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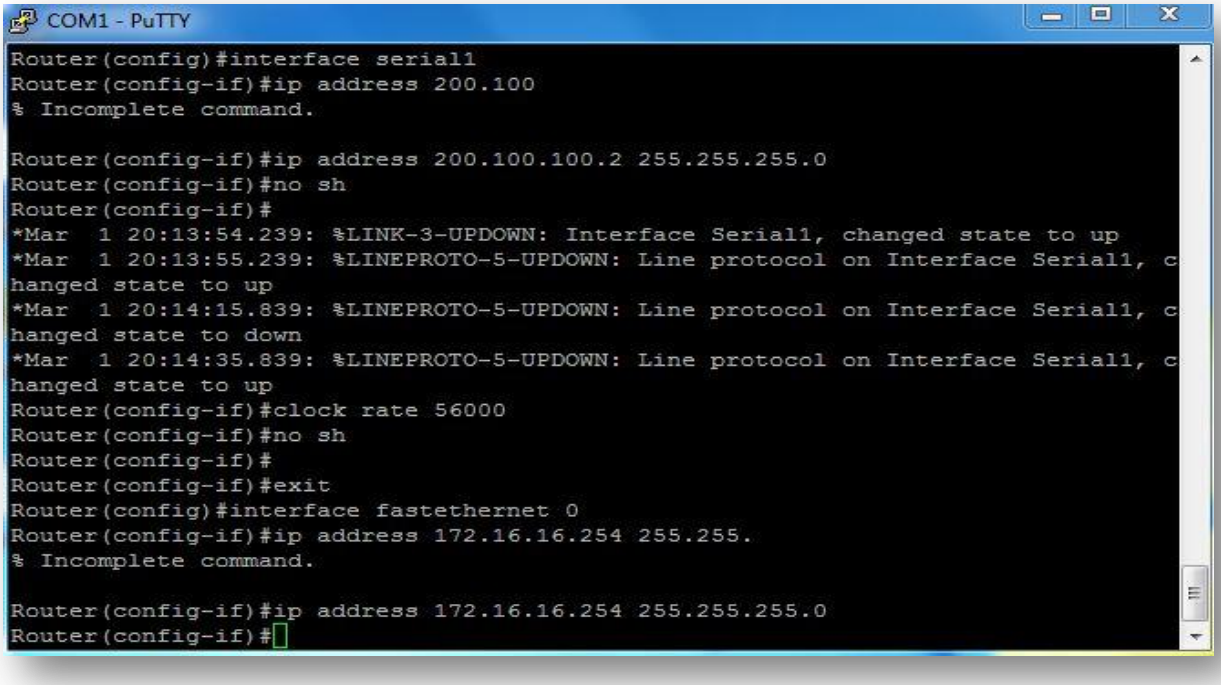
hanged state to up
*Mar 1 20:14:15.839: %LINEPROTO-5-UPDOWN: Line protocol on Interface Serial1, c
hanged state to down
*Mar 1 20:14:35.839: %LINEPROTO-5-UPDOWN: Line protocol on Interface Serial1, c
hanged state to up
Router(config-if)#clock rate 56000
Router(config-if)#no sh
Router(config-if)#
Router(config-if)#exit
Router(config)#interface fastethernet 0
Router(config-if)#ip address

11


COM1 - PuTTY
Router(config)#interface serial1
Router(config-if)#ip address 200.100
% Incomplete command.
Router(config-if)#ip address 200.100.100.2 255.255.255.0
Router(config-if)#no sh
Router(config-if)#
*Mar 1 20:13:54.239: %LINK-3-UPDOWN: Interface Serial1, changed state to up
*Mar 1 20:13:55.239: %LINEPROTO-5-UPDOWN: Line protocol on Interface Serial1, c
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*Mar 1 20:14:15.839: %LINEPROTO-5-UPDOWN: Line protocol on Interface Serial1, c
hanged state to down
*Mar 1 20:14:35.839: %LINEPROTO-5-UPDOWN: Line protocol on Interface Serial1, c
hanged state to up
Router(config-if)#clock rate 56000
Router(config-if)#no sh
Router(config-if)#
Router(config-if)#exit
Router(config)#interface fastethernet 0
Router(config-if)#ip address 172.16.16.254 255.255.
% Incomplete command.
Router(config-if)#ip address 172.16.16.254 255.255.255.0
Router(config-if)#