RIN - CAPTURA REALIZADA DURANTE EL PRACTICO DE ROUTERS

%Error opening tftp://255.255.255.255/network-config (Timed out)
%Error opening tftp://255.255.255.255/cisconet.cfg (Timed out)
Router>enable
Router#show running-config
%Error opening tftp://255.255.255.255/router-config (Timed out)
Building configuration...

Current configuration:
!
version 12.0
no service password-encryption
hostname Router
!
ip subnet-zero
!
interface Ethernet0
  no ip address
  no ip directed-broadcast
  shutdown
!
interface Serial0
  no ip address
  no ip directed-broadcast
  shutdown
!
interface Serial1
  no ip address
  no ip directed-broadcast
  shutdown

no ip http server
ip classless
!
line con 0
  transport input none
line aux 0
line vty 0 4
!
end

Router#
Router#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.

Router(config)#hostname LAB-B

LAB-B(config)#interface serial 0
LAB-B(config-if)#ip address 199.6.13.1 255.255.255.0
LAB-B(config-if)#clock rate 64000
LAB-B(config-if)#no shutdown
LAB-B(config-if)#
00:14:41: %LINK-3-UPDOWN: Interface Serial0, changed state to up
00:14:42: %LINEPROTO-5-UPDOWN: Line protocol on Interface Serial0, changed state to up

LAB-B(config-if)#exit

LAB-B(config)#interface serial 1
LAB-B(config-if)#ip address 201.100.11.2 255.255.255.0
LAB-B(config-if)#no shutdown
LAB-B(config-if)#exit
LAB-B(config)#exit
LAB-B#show running-config

Building configuration...

Current configuration:
!
version 12.0
no service password-encryption
!
hostname LAB-B
!
ip subnet-zero
!
interface Ethernet0
  no ip address
  no ip directed-broadcast
  shutdown
!
interface Serial0
  ip address 199.6.13.1 255.255.255.0
clockrate 56000
!
interface Serial1
  ip address 201.100.11.2 255.255.255.0
  no ip directed-broadcast
!
  no ip http server
  ip classless
!
  line con 0
    transport input none
  line aux 0
  line vty 0 4
!
end

LAB-B#ping 199.6.13.1

Type escape sequence to abort.
Sending 5, 100-byte ICMP Echos to 199.6.13.1, timeout is 2 seconds:
!!!!!
Success rate is 100 percent (5/5), round-trip min/avg/max = 28/28/32 ms

LAB-B#ping 199.6.13.2

Type escape sequence to abort.
Sending 5, 100-byte ICMP Echos to 199.6.13.2, timeout is 2 seconds:
!!!!!
Success rate is 100 percent (5/5), round-trip min/avg/max = 12/15/16 ms

LAB-B#ping 204.204.7.1

Type escape sequence to abort.
Sending 5, 100-byte ICMP Echos to 204.204.7.1, timeout is 2 seconds:
.....
Success rate is 0 percent (0/5)

LAB-B#
ROUTER LAB_C

LAB_C> enable
Password: Password: LAB_C# show running-config
Building configuration...

Current configuration:
!
version 12.0
service timestamps debug uptime
service timestamps log uptime
no service password-encryption
!
hostname LAB_C
!
enable secret 5 $1$Ifo7$rin7tHkKpRU.CtHmuab6/
!
username cisco password 0 cisco
ip subnet-zero
ip host LAB_A 201.100.11.1
ip host LAB_B 199.6.13.1
ip host LAB_C 204.204.7.1
ip host LAB_D 210.93.105.1
ip host LAB_E 210.93.105.2

interface Ethernet0
  ip address 223.8.151.1 255.255.255.0
  no ip directed-broadcast
  no keepalive
!
interface Serial0
  ip address 204.204.7.1 255.255.255.0
  no ip directed-broadcast
clockrate 56000
!
interface Serial1
  ip address 199.6.13.2 255.255.255.0
  no ip directed-broadcast
!
router rip
  network 199.6.13.0
  network 204.204.7.0
  network 223.8.151.0
!
no ip http server
ip classless
!
line con 0
  exec-timeout 0 0
  transport input none
line aux 0
line vty 0 4
  password class
  login
!
end
LAB_C#ping 204.204.7.1

Type escape sequence to abort.
Sending 5, 100-byte ICMP Echos to 204.204.7.1, timeout is 2 seconds:
!!!!!
Success rate is 100 percent (5/5), round-trip min/avg/max = 64/68/80 ms
LAB_C#

LAB-B#show ip route

Codes: C - connected, S - static, I - IGRP, R - RIP, M - mobile, B - BGP
       D - EIGRP, EX - EIGRP external, O - OSPF, IA - OSPF inter area
       N1 - OSPF NSSA external type 1, N2 - OSPF NSSA external type 2
       E1 - OSPF external type 1, E2 - OSPF external type 2, E - EGP
       i - IS-IS, L1 - IS-IS level-1, L2 - IS-IS level-2, * - candidate default
       U - per-user static route, o - ODR, P - periodic downloaded static route
       T - traffic engineered route

Gateway of last resort is not set

C  199.6.13.0/24 is directly connected, Serial0
C  201.100.11.0/24 is directly connected, Serial1

LAB-B#configure terminal

Enter configuration commands, one per line.  End with CNTL/Z.
LAB-B(config)#router ?
bgp       Border Gateway Protocol (BGP)
epg       Exterior Gateway Protocol (EGP)
eigrp     Enhanced Interior Gateway Routing Protocol (EIGRP)
igrp      Interior Gateway Routing Protocol (IGRP)
isis      ISO IS-IS
iso-igrp   IGRP for OSI networks
mobile     Mobile routes
odr       On Demand stub Routes
ospf      Open Shortest Path First (OSPF)
rip       Routing Information Protocol (RIP)
static    Static routes
traffic-engineering Traffic engineered routes

LAB-B(config)#router rip
LAB-B(config-router)#network 201.100.11.0
LAB-B(config-router)#network 199.6.13.0
LAB-B(config-router)#^Z

LAB-B#show ip route

Codes: C - connected, S - static, I - IGRP, R - RIP, M - mobile, B - BGP
       D - EIGRP, EX - EIGRP external, O - OSPF, IA - OSPF inter area
       N1 - OSPF NSSA external type 1, N2 - OSPF NSSA external type 2
       E1 - OSPF external type 1, E2 - OSPF external type 2, E - EGP
       i - IS-IS, L1 - IS-IS level-1, L2 - IS-IS level-2, * - candidate default
       U - per-user static route, o - ODR, P - periodic downloaded static route
       T - traffic engineered route

Gateway of last resort is not set

R    210.93.105.0/24 [120/2] via 199.6.13.2, Serial10
R    205.7.5.0/24 [120/1] via 201.100.11.1, Serial11
C    199.6.13.0/24 is directly connected, Serial0
R    204.204.7.0/24 [120/1] via 199.6.13.2, Serial10
R    192.5.5.0/24 [120/1] via 201.100.11.1, Serial11
R    223.8.151.0/24 [120/1] via 199.6.13.2, Serial10
C    201.100.11.0/24 is directly connected, Serial11
LAB-B#ping 204.204.7.1
Type escape sequence to abort.
Sending 5, 100-byte ICMP Echos to 204.204.7.1, timeout is 2 seconds:
!!!!!
Success rate is 100 percent (5/5), round-trip min/avg/max = 12/15/16 ms

LAB-B#telnet 199.6.13.2
Trying 199.6.13.2 ... Open

User Access Verification
Password:
Password:
LAB_C>enable
Password:

LAB-B con0 is now available
Press RETURN to get started.

LAB-B>
LAB-B>enable
LAB-B#

LAB-B(config)#interface serial 0
LAB-B(config-if)#shutdown
LAB-B(config-if)^

01:00:47: %LINK-5-CHANGED: Interface Serial0, changed state to administratively down
01:00:48: %LINEPROTO-5-UPDOWN: Line protocol on Interface Serial0, changed state to down
LAB-B(config-if)^

LAB-B#sh ip route
01:01:39: %SYS-5-CONFIG_I: Configured from console by console
LAB-B#sh ip route
Codes: C - connected, S - static, I - IGRP, R - RIP, M - mobile, B - BGP
D - EIGRP, EX - EIGRP external, O - OSPF, IA - OSPF inter area
N1 - OSPF NSSA external type 1, N2 - OSPF NSSA external type 2
E1 - OSPF external type 1, E2 - OSPF external type 2, E - EGP
i - IS-IS, L1 - IS-IS level-1, L2 - IS-IS level-2, * - candidate default
U - per-user static route, o - ODR, P - periodic downloaded static route
T - traffic engineered route

Gateway of last resort is not set
R  205.7.5.0/24 [120/1] via 201.100.11.1, Serial1
R  190.30.0.0/16 [120/1] via 201.100.11.1, Serial1
C  201.100.11.0/24 is directly connected, Serial1
LAB-B#show version
Cisco Internetwork Operating System Software
IOS (tm) 2500 Software (C2500-D-L), Version 12.0(4)T, RELEASE SOFTWARE (fc1)
Copyright (c) 1986-1999 by cisco Systems, Inc.
Compiled Wed 28-Apr-99 15:15 by kpma
Image text-base: 0x0303CD7C, data-base: 0x00001000

ROM: System Bootstrap, Version 11.0(10c), SOFTWARE
BOOTFLASH: 3000 Bootstrap Software (IGS-BOOT-R), Version 11.0(10c), RELEASE SOFTWARE (fc1)

LAB-B uptime is 1 hour, 11 minutes
System restarted by reload
System image file is "flash:c2500-d-1.120-4.T"
cisco 2500 (68030) processor (revision N) with 2048K/2048K bytes of memory.
Processor board ID 21585180, with hardware revision 00000000
Bridging software.
X.25 software, Version 3.0.0.
1 Ethernet/IEEE 802.3 interface(s)
2 Serial network interface(s)
32K bytes of non-volatile configuration memory.
8192K bytes of processor board System flash (Read ONLY)

Configuration register is 0x2102

LAB-B#debug ip rip
RIP protocol debugging is on
LAB-B#
01:16:38: RIP: sending v1 update to 255.255.255.255 via Serial1 (201.100.11.2)
01:16:38: RIP: build update entries - suppressing null update
01:16:54: RIP: received v1 update from 201.100.11.1 on Serial1
01:16:54: 190.30.0.0 in 1 hops
01:16:54: 204.204.7.0 in 2 hops
01:16:54: 205.7.5.0 in 1 hops
01:16:54: 223.8.151.0 in 3 hops
01:17:07: RIP: sending v1 update to 255.255.255.255 via Serial1 (201.100.11.2)
01:17:07: RIP: build update entries - suppressing null update
01:17:22: RIP: received v1 update from 201.100.11.1 on Serial1
01:17:22: 190.30.0.0 in 1 hops
01:17:22: 204.204.7.0 in 2 hops
01:17:22: 205.7.5.0 in 1 hops
01:17:22: 223.8.151.0 in 3 hops