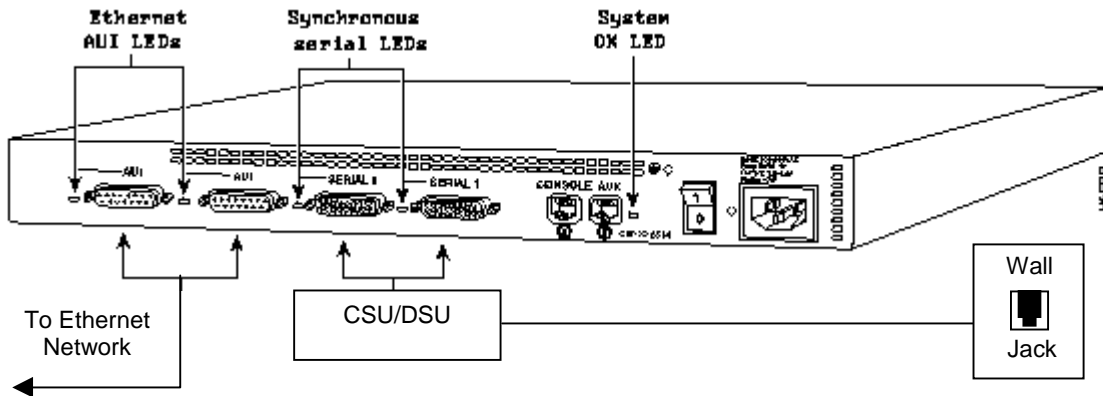


Configuring the Cisco 2514 - Dedicated Access

If you received your router from us it should be preconfigured. You can telnet into the router if adjustments need to be made to the configuration.

If not preconfigured you must connect a console to the Console port of the router. An RJ45 rolled (cross over) cable is provided as well as an RJ45 to DB-9 connector. Connect the RJ45 to the console port of the Cisco and the DB-9 to a PC (or Mac with proper cables) with VT100 emulation software set to 9600, 8, none 1. If the router has not been preconfigured, it will run through an interactive script upon bootup.

Enter the configuration at the command line with **BOLD** entries according to the key.



Router Configuration:

```

enable password Your-Password
interface Ethernet 0
ip address LAN.LAN.LAN.LAN 255.255.255.0
ip broadcast-address LAN.LAN.LAN.255
no shutdown
!
interface Ethernet 1
no ip address
shutdown
!
! Interface to Internet.
!
interface Serial 0
ip address SER.SER.SER.SER 255.255.255.0
ip broadcast-address SER.SER.SER.255
encapsulation FRAME-RELAY
bandwidth 56
frame-relay keepalive 4
no shutdown
!
! PVC's
!
frame-relay map IP SER.SER.SER.1 DLCI ietf
!
!SNMP
snmp-server community DOMAIN RO
!
    
```

Configuring the Cisco 2514 – Dedicated Access (cont'd)

```

!
router rip
network LAN.LAN.LAN.0
network 38.0.0.0
distance 255
neighbor SER.SER.SER.1
passive-interface ethernet 0
!
ip default-network 38.0.1.0
ip route 38.0.1.0 SER.SER.SER.1
ip route 0.0.0.0 SER.SER.SER.1
!
!
hostname DOMAIN
!
line con 0
exec-timeout 0 0
passwordYour-Password
login
line aux 0
no exec
passwordYour-Password
login
line vty 0 1
passwordYour-Password
login
line vty 2
exec-timeout 0 0
passwordYour-Password
login
line vty 3 4
passwordYour-Password
login
!
end
!
    
```

KEY:

LAN.LAN.LAN.LAN	= Your router IP address
LAN.LAN.LAN.0	= Your class C network
LAN.LAN.LAN.255	= Your broadcast address
SER.SER.SER.SER	= Your router serial IP address
SER.SER.SER.1	= Local POP IP address
SER.SER.SER.255	= Your serial IP broadcast address
DLCI	= Your DLCI number
LINE.SPEED	= Your line speed (options are: 56, 128, 256, 384, 512, or 1536)
DOMAIN	= Your domain name excluding the .com