



Sample Configuration

This chapter collects the results of the Ethernet WAN interface, DHCP, VLAN, Easy VPN, and wireless interface configurations made in previous chapters. This allows you to view what a basic configuration provided by this guide looks like in a single sample, [Example 10-1](#).



Note

Commands marked by “(default)” are generated automatically when you run the **show running-config** command.

Example 10-1 Sample Configuration

```
Router# show running-config
Building configuration...

Current configuration : 3781 bytes
!
version 12.3
no service pad
service timestamps debug datetime msec
service timestamps log datetime msec
no service password-encryption
!
hostname retail
!
boot-start-marker
boot-end-marker
!
enable password cisco123
!
username jsomeone password 0 cg6#107X
aaa new-model
!
aaa group server radius rad_eap
    server 10.0.1.1 auth-port 1812 acct-port 1813
!
aaa authentication login eap_methods group rad_eap
aaa session-id common
ip subnet-zero
ip cef
!
vpdn enable
    vpdn-group 1
        request-dialin
        protocol pppoe
!
```

```

interface dialer 1
    ip address negotiated
    ppp authentication chap
    dialer pool 1
    dialer-group 1
!
dialer-list 1 protocol ip permit
    ip nat inside source list 1 interface dialer 0 overload
    ip classless (default)
    ip route 10.10.25.2 0.255.255.255 dialer 0
!
ip dhcp excluded-address 10.0.1.1 10.0.1.10
ip dhcp excluded-address 10.0.2.1 10.0.2.10
ip dhcp excluded-address 10.0.3.1 10.0.3.10
!
ip dhcp pool vlan1
    network 10.0.1.0 255.255.255.0
    default-router 10.0.1.1
!
ip dhcp pool vlan2
    network 10.0.2.0 255.255.255.0
    default-router 10.0.2.1
!
ip dhcp pool vlan3
    network 10.0.3.0 255.255.255.0
    default-router 10.0.3.1
!
ip ips po max-events 100
no ftp-server write-enable
!
bridge irb
!
interface FastEthernet0
    no ip address
!
interface FastEthernet1
    no ip address
!
interface FastEthernet2
    no ip address
!
interface FastEthernet3
    switchport mode trunk
    no ip address
!
interface FastEthernet4
    ip address 192.168.12.2 255.255.255.0
    no ip directed-broadcast (default)
    speed auto
    ip nat outside
    ip access-group 103 in
    no cdp enable
    crypto ipsec client ezvpn ezvpncient outside
    crypto map static-map
!
crypto isakmp policy 1
    encryption 3des
    authentication pre-share
    group 2
    lifetime 480
!

```

```

crypto isakmp client configuration group rtr-remote
  key secret-password
  dns 10.50.10.1 10.60.10.1
  domain company.com
  pool dynpool
!
crypto ipsec transform-set vpn1 esp-3des esp-sha-hmac
!
crypto ipsec security-association lifetime seconds 86400
!
crypto dynamic-map dynmap 1
  set transform-set vpn1
  reverse-route
!
crypto map static-map 1 ipsec-isakmp dynamic dynmap
crypto map dynmap isakmp authorization list rtr-remote
crypto map dynmap client configuration address respond

crypto ipsec client ezvpn ezvpnclient
  connect auto
  group 2 key secret-password
  mode client
  peer 192.168.100.1
!
interface Dot11Radio0
  no ip address
  !
  broadcast-key vlan 1 change 45
  !
  encryption vlan 1 mode ciphers tkip
  !
  ssid cisco
    vlan 1
    authentication open
    authentication network-eap eap_methods
    authentication key-management wpa optional
  !
  ssid ciscowep
    vlan 2
    authentication open
  !
  ssid ciscowpa
    vlan 3
    authentication open
  !
  speed basic-1.0 basic-2.0 basic-5.5 6.0 9.0 basic-11.0 12.0 18.0 24.0 36.0 48.0 54.0
  rts threshold 2312
  power local cck 50
  power local ofdm 30
  channel 2462
  station-role root
!
interface Dot11Radio0.1
  description Cisco Open
  encapsulation dot1Q 1 native
  no cdp enable
  bridge-group 1
  bridge-group 1 subscriber-loop-control
  bridge-group 1 spanning-disabled
  bridge-group 1 block-unknown-source
  no bridge-group 1 source-learning
  no bridge-group 1 unicast-flooding
!

```

```

interface Dot11Radio0.2
    encapsulation dot1Q 2
    bridge-group 2
    bridge-group 2 subscriber-loop-control
    bridge-group 2 spanning-disabled
    bridge-group 2 block-unknown-source
    no bridge-group 2 source-learning
    no bridge-group 2 unicast-flooding
!
interface Dot11Radio0.3
    encapsulation dot1Q 3
    bridge-group 3
    bridge-group 3 subscriber-loop-control
    bridge-group 3 spanning-disabled
    bridge-group 3 block-unknown-source
    no bridge-group 3 source-learning
    no bridge-group 3 unicast-flooding
!
interface Vlan1
    ip address 192.168.1.1 255.255.255.0
    no ip directed-broadcast (default)
    ip nat inside
    crypto ipsec client ezvpn ezvpnclient inside
    ip inspect firewall in
    no cdp enable
    bridge-group 1
    bridge-group 1 spanning-disabled
!
interface Vlan2
    no ip address
    bridge-group 2
    bridge-group 2 spanning-disabled
!
interface Vlan3
    no ip address
    bridge-group 3
    bridge-group 3 spanning-disabled
!
interface BVI1
    ip address 10.0.1.1 255.255.255.0
!
interface BVI2
    ip address 10.0.2.1 255.255.255.0
!
interface BVI3
    ip address 10.0.3.1 255.255.255.0
!
ip classless
!
ip http server
no ip http secure-server
!
radius-server local
    nas 10.0.1.1 key 0 cisco123
    group rad_eap
!
user jsomeone nhash 7 0529575803696F2C492143375828267C7A760E1113734624452725707C010B065B
user AMER\jsomeone nhash 7
0224550C29232E041C6A5D3C5633305D5D560C09027966167137233026580E0B0D
!
radius-server host 10.0.1.1 auth-port 1812 acct-port 1813 key cisco123
!
control-plane
!

```

```
bridge 1 route ip
bridge 2 route ip
bridge 3 route ip
!
ip inspect name firewall tcp
ip inspect name firewall udp
ip inspect name firewall rtsp
ip inspect name firewall h323
ip inspect name firewall netshow
ip inspect name firewall ftp
ip inspect name firewall sqlnet
!
access-list 103 permit udp host 200.1.1.1 any eq isakmp
access-list 103 permit udp host 200.1.1.1 eq isakmp any
access-list 103 permit esp host 200.1.1.1 any
access-list 103 permit icmp any any
access-list 103 deny ip any any
access-list 105 permit ip 10.1.1.0 0.0.0.255 192.168.0.0 0.0.255.255
no cdp run
!
line con 0
    password cisco123
    no modem enable
    transport preferred all
    transport output all
line aux 0
    transport preferred all
    transport output all
line vty 0 4
    password cisco123
    transport preferred all
    transport input all
    transport output all
!
```

