

7206VXR.cfg.txt

```
!  
! Last configuration change at 14:16:04 EST Fri Jan 25 2013 by ihadfiel  
! NVRAM config last updated at 14:16:06 EST Fri Jan 25 2013 by ihadfiel  
!  
version 15.2  
service timestamps debug datetime msec  
service timestamps log datetime msec  
!  
hostname vxi-wan-1  
!  
boot-start-marker  
boot system flash disk2:c7200-adventerprisek9-mz.152-4.S1.bin  
boot-end-marker  
!  
!  
logging buffered 1000000  
enable password cisco_123  
!  
aaa new-model  
!  
!  
aaa authentication login use-radius group radius local  
!  
!  
!  
!  
aaa session-id common  
clock timezone EST -5 0  
clock summer-time EDT recurring  
!  
!  
!  
!  
ip domain list vxi.eas.local  
ip domain list cisco.com  
ip domain list lab.local  
ip domain name lab.local  
ip name-server 10.0.128.99  
ip name-server 10.0.128.100  
ip cef  
ip wccp 61  
ip wccp 62  
ipv6 multicast rpf use-bgp  
no ipv6 cef  
!  
!  
multilink bundle-name authenticated  
!  
!  
!  
!  
!  
username cisco password 0 cisco_123  
!  
!  
!
```

```

controller T1 2/0
  framing esf
  clock source internal
  linecode b8zs
  channel-group 0 timeslots 1-24
!
controller T1 2/1
  framing esf
  linecode b8zs
  channel-group 0 timeslots 1-24
!
controller T1 2/2
  framing esf
  clock source internal
  linecode b8zs
  channel-group 0 timeslots 1
!
controller T1 2/3
  framing esf
  clock source internal
  linecode b8zs
  channel-group 0 timeslots 1-24
!
!
!
class-map match-any vxi-c
  match access-group name police_b2
class-map match-any BULK-DATA
  match dscp af11 af12 af13
class-map match-all NETWORK-CONTROL
  match dscp cs6
class-map match-all MULTIMEDIA-CONFERENCING
  match dscp af41 af42 af43
class-map match-all VOICE
  match dscp ef
class-map match-all SCAVENGER
  match dscp cs1
class-map match-all CALL-SIGNALING
  match dscp cs3
class-map match-all TRANSACTIONAL-DATA
  match dscp af21 af22 af23
class-map match-any MULTIMEDIA-STREAMING
  match dscp af31 af32 af33
!
policy-map WAN-EDGE
  class VOICE
    priority percent 10
  class NETWORK-CONTROL
    bandwidth percent 2
  class CALL-SIGNALING
    bandwidth percent 5
  class MULTIMEDIA-CONFERENCING
    bandwidth percent 5
    random-detect dscp-based
  class MULTIMEDIA-STREAMING
    bandwidth percent 5
    random-detect dscp-based
  class TRANSACTIONAL-DATA
    bandwidth percent 25
    random-detect dscp-based
  class BULK-DATA
    bandwidth percent 4
    random-detect dscp-based

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class SCAVENGER
  bandwidth percent 1
class class-default
  bandwidth percent 25
  random-detect
policy-map vxi-p
  class vxi-c
    police cir 1024000 bc 1500
    conform-action transmit
    exceed-action drop
!
!
!
!
!
!
!
!
!
interface Loopback1
  ip address 10.1.253.3 255.255.255.255
!
interface GigabitEthernet0/1
  description core-1
  ip address 10.1.254.1 255.255.255.252
  ip wccp 61 redirect in
  media-type rj45
  speed auto
  duplex auto
  no negotiation auto
!
interface GigabitEthernet0/2
  description core-2
  ip address 10.1.254.5 255.255.255.252
  ip wccp 61 redirect in
  media-type rj45
  speed auto
  duplex auto
  no negotiation auto
!
interface GigabitEthernet0/3
  description waas-core1
  ip address 10.1.254.33 255.255.255.252
  ip wccp redirect exclude in
  media-type rj45
  speed auto
  duplex auto
  no negotiation auto
!
interface Serial1/0
  description serial connection to branch 1
  ip address 10.1.254.73 255.255.255.252
  ip summary-address eigrp 1 0.0.0.0 0.0.0.0
  serial restart-delay 0
!
interface Serial1/1
  no ip address
  ip wccp 62 redirect in
  shutdown
  serial restart-delay 0
!
interface Serial1/2

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```
no ip address
shutdown
serial restart-delay 0
!
interface Serial1/3
no ip address
shutdown
serial restart-delay 0
!
interface Serial2/0:0
description T-1 connection to branch 1
ip address 10.1.254.105 255.255.255.252
ip summary-address eigrp 1 0.0.0.0 0.0.0.0
!
interface Serial2/1:0
description T-1 connection to branch 2
ip address 10.1.254.117 255.255.255.252
ip wccp 62 redirect in
ip summary-address eigrp 1 0.0.0.0 0.0.0.0
load-interval 30
!
interface Serial2/2:0
description T-1 connection to branch 3
ip address 10.1.254.129 255.255.255.252
ip summary-address eigrp 1 0.0.0.0 0.0.0.0
load-interval 30
!
interface Serial2/3:0
description T-1 connection to branch 4
ip address 10.1.254.141 255.255.255.252
ip summary-address eigrp 1 0.0.0.0 0.0.0.0
!
interface Serial3/0
description T-3 connection to branch 1
ip address 10.1.254.109 255.255.255.252
ip summary-address eigrp 1 0.0.0.0 0.0.0.0
dsu bandwidth 44210
framing c-bit
cablelength 10
serial restart-delay 0
!
interface Serial3/1
description T-3 connection to branch 2
ip address 10.1.254.121 255.255.255.252
ip wccp 62 redirect in
ip summary-address eigrp 1 0.0.0.0 0.0.0.0
dsu bandwidth 44210
framing c-bit
cablelength 10
serial restart-delay 0
!
interface Serial4/0
description T-3 connection to branch-3
ip address 10.1.254.133 255.255.255.252
ip summary-address eigrp 1 0.0.0.0 0.0.0.0
dsu bandwidth 44210
framing c-bit
cablelength 10
serial restart-delay 0
!
interface Serial4/1
description T-3 connection to branch-4
ip address 10.1.254.145 255.255.255.252
```

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ip wccp 62 redirect in
ip summary-address eigrp 1 0.0.0.0 0.0.0.0
shutdown
dsu bandwidth 44210
framing c-bit
cablelength 10
serial restart-delay 0
!
interface FastEthernet5/0
ip address 10.1.254.233 255.255.255.248
ip wccp 62 redirect in
shutdown
speed 100
duplex full
!
interface FastEthernet5/1
no ip address
shutdown
speed auto
duplex auto
!
interface GigabitEthernet6/0
no ip address
shutdown
negotiation auto
!
!
router eigrp 1
default-metric 10000 100 255 1 1500
network 10.0.0.0 0.15.255.255
passive-interface default
no passive-interface GigabitEthernet0/1
no passive-interface GigabitEthernet0/2
no passive-interface Serial4/0
no passive-interface Serial4/1
no passive-interface Serial3/0
no passive-interface Serial3/1
no passive-interface Serial2/0:0
no passive-interface Serial2/1:0
no passive-interface Serial2/2:0
no passive-interface Serial2/3:0
no passive-interface FastEthernet5/0
!
ip forward-protocol nd
!
!
no ip http server
no ip http secure-server
!
ip access-list extended police_b2
permit ip host 10.0.60.90 host 10.1.2.13
permit ip host 10.0.58.44 host 10.1.2.13
!
ip sla responder
logging trap warnings
logging host 10.0.128.240
logging host 10.0.143.24
!
snmp-server community public RO
snmp-server community private RW
snmp-server enable traps snmp authentication linkdown linkup coldstart warmstart
snmp-server enable traps vrrp
snmp-server enable traps ds1

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snmp-server enable traps tty
snmp-server enable traps eigrp
snmp-server enable traps ospf state-change
snmp-server enable traps ospf errors
snmp-server enable traps ospf retransmit
snmp-server enable traps ospf lsa
snmp-server enable traps ospf cisco-specific state-change nssa-trans-change
snmp-server enable traps ospf cisco-specific state-change shamlink interface-old
snmp-server enable traps ospf cisco-specific state-change shamlink neighbor
snmp-server enable traps ospf cisco-specific errors
snmp-server enable traps ospf cisco-specific retransmit
snmp-server enable traps ospf cisco-specific lsa
snmp-server enable traps aaa_server
snmp-server enable traps atm subif
snmp-server enable traps bgp
snmp-server enable traps config-copy
snmp-server enable traps config
snmp-server enable traps dlsr
snmp-server enable traps fru-ctrl
snmp-server enable traps entity
snmp-server enable traps event-manager
snmp-server enable traps frame-relay multilink bundle-mismatch
snmp-server enable traps frame-relay
snmp-server enable traps frame-relay subif
snmp-server enable traps hsrp
snmp-server enable traps ipmulticast
snmp-server enable traps msdp
snmp-server enable traps mvpn
snmp-server enable traps pim neighbor-change rp-mapping-change invalid-pim-message
snmp-server enable traps pppoe
snmp-server enable traps cpu threshold
snmp-server enable traps rsvp
snmp-server enable traps ipsla
snmp-server enable traps syslog
snmp-server enable traps l2tun session
snmp-server enable traps flash insertion removal
snmp-server enable traps srp
snmp-server enable traps envmon
snmp-server enable traps isdn call-information
snmp-server enable traps isdn layer2
snmp-server enable traps isdn chan-not-avail
snmp-server enable traps isdn ietf
snmp-server enable traps channel
snmp-server enable traps bulkstat collection transfer
snmp-server enable traps mpls ldp
snmp-server enable traps mpls traffic-eng
snmp-server enable traps ike policy add
snmp-server enable traps ike policy delete
snmp-server enable traps ike tunnel start
snmp-server enable traps ike tunnel stop
snmp-server enable traps ipsec cryptomap add
snmp-server enable traps ipsec cryptomap delete
snmp-server enable traps ipsec cryptomap attach
snmp-server enable traps ipsec cryptomap detach
snmp-server enable traps ipsec tunnel start
snmp-server enable traps ipsec tunnel stop
snmp-server enable traps ipsec too-many-sas
snmp-server enable traps alarms informational
snmp-server enable traps mpls vpn
snmp-server host 10.0.143.24 community
snmp-server host 10.0.143.24 version 2c public
!
radius-server host 10.0.128.132 auth-port 1812 acct-port 1813

```

```
radius-server key cisco_123
!
!
control-plane
!
!
line con 0
  exec-timeout 0 0
  password cisco_123
  logging synchronous
  stopbits 1
line aux 0
  stopbits 1
line vty 0 4
  exec-timeout 30 0
  privilege level 15
  password cisco_123
  login authentication use-radius
  transport input all
line vty 5 15
  exec-timeout 0 0
  privilege level 15
  password cisco_123
  login authentication use-radius
  transport input all
!
ntp server 10.1.253.1
ntp server 10.1.253.2
!
end
```