

show running-config

Current configuration : 2325 bytes

```
version 15.2
service timestamps debug datetime msec
service timestamps log datetime msec
service password-encryption

hostname R3-8_CIX

boot-start-marker
boot-end-marker

no logging buffered
no logging console
no logging monitor

no aaa new-model

ip cef

no ip domain lookup
no ipv6 cef
multilink bundle-name authenticated

license udi pid CISCO2901/K9 sn FCZ184492U6

username cisco privilege 15 secret 5 $1$G9I6$1RvcPQ2w42GA37sOIgqX0/

redundancy

interface Embedded-Service-Engine0/0
no ip address
shutdown

interface GigabitEthernet0/0
description to_Internet
ip address dhcp
ip nat outside
ip virtual-reassembly in
duplex auto
speed auto

interface GigabitEthernet0/1
no ip address
shutdown
duplex auto
speed auto

interface GigabitEthernet0/0/0
no ip address

interface GigabitEthernet0/0/1
description to_ISP_A
switchport access vlan 11
no ip address

interface GigabitEthernet0/0/2
description to_ISP_B
switchport access vlan 12
no ip address

interface GigabitEthernet0/0/3
description to_ISP_C
switchport access vlan 13
no ip address

interface Vlan1
no ip address

interface Vlan11
ip address 180.10.0.254 255.255.255.0
```

```
ip nat inside
ip virtual-reassembly in

interface Vlan12
ip address 180.20.0.254 255.255.255.0
ip nat inside
ip virtual-reassembly in

interface Vlan13
ip address 180.30.0.254 255.255.255.0
ip nat inside
ip virtual-reassembly in

router bgp 100
bgp log-neighbor-changes
redistribute static
neighbor 180.20.0.1 remote-as 2
neighbor 180.30.0.1 remote-as 300

ip forward-protocol nd

no ip http server
no ip http secure-server

ip nat inside source list ACL_KUNDEN interface GigabitEthernet0/0 overload

ip access-list extended ACL_KUNDEN
permit ip 10.1.0.0 0.0.255.255 any
permit ip 10.2.0.0 0.0.255.255 any
permit ip 10.3.0.0 0.0.255.255 any
permit ip 10.4.0.0 0.0.255.255 any

control-plane

line con 0
login local
line aux 0
line 2
no activation-character
no exec
transport preferred none
transport output lat pad telnet rlogin lapb-ta mop udptn v120 ssh
stopbits 1
line vty 0 4
login local
transport input all
line vty 5 15
login local
transport input all

scheduler allocate 20000 1000

end
```

show ip route

Codes: L - local, C - connected, S - static, 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
i - IS-IS, su - IS-IS summary, L1 - IS-IS level-1, L2 - IS-IS level-2
ia - IS-IS inter area, * - candidate default, U - per-user static route
o - ODR, P - periodic downloaded static route, H - NHRP, l - LISP
+ - replicated route, % - next hop override

Gateway of last resort is not set

show ipv6 route

show ip int brief

```
Interface IP-Address OK? Method Status Protocol
Embedded-Service-Engine0/0 unassigned YES NVRAM administratively down down
GigabitEthernet0/0 unassigned YES NVRAM down down
GigabitEthernet0/1 unassigned YES NVRAM administratively down down
GigabitEthernet0/0/0 unassigned YES unset down down
GigabitEthernet0/0/1 unassigned YES unset down down
GigabitEthernet0/0/2 unassigned YES unset down down
GigabitEthernet0/0/3 unassigned YES unset down down
NVI0 unassigned YES unset administratively down down
Vlan1 unassigned YES unset down down
Vlan11 180.10.0.254 YES NVRAM down down
Vlan12 180.20.0.254 YES NVRAM down down
Vlan13 180.30.0.254 YES NVRAM down down
```

show ipv6 int brief

```
Em0/0 [administratively down/down]
unassigned
GigabitEthernet0/0 [down/down]
unassigned
GigabitEthernet0/1 [administratively down/down]
unassigned
GigabitEthernet0/0/0 [down/down]
unassigned
GigabitEthernet0/0/1 [down/down]
unassigned
GigabitEthernet0/0/2 [down/down]
unassigned
GigabitEthernet0/0/3 [down/down]
unassigned
NVI0 [administratively down/down]
unassigned
Vlan1 [down/down]
unassigned
Vlan11 [down/down]
unassigned
Vlan12 [down/down]
unassigned
Vlan13 [down/down]
unassigned
```

show cdp neighbors

Capability Codes: R - Router, T - Trans Bridge, B - Source Route Bridge
S - Switch, H - Host, I - IGMP, r - Repeater, P - Phone,
D - Remote, C - CVTA, M - Two-port Mac Relay

Device ID Local Intrfce Holdtme Capability Platform Port ID

show ipv6 ospf 10

show ipv6 ospf 10 neighbor

show ip bgp summary

BGP router identifier 180.30.0.254, local AS number 100
BGP table version is 1, main routing table version 1

Neighbor	V	AS	MsgRcvd	MsgSent	TblVer	InQ	OutQ	Up/Down	State/PfxRcd
180.20.0.1	4	2	0	0	1	0	0	never	Idle
180.30.0.1	4	300	0	0	1	0	0	never	Idle

show access-lists

```
Extended IP access list ACL_KUNDEN
10 permit ip 10.1.0.0 0.0.255.255 any
20 permit ip 10.2.0.0 0.0.255.255 any
30 permit ip 10.3.0.0 0.0.255.255 any
40 permit ip 10.4.0.0 0.0.255.255 any
```

show version

Cisco IOS Software, C2900 Software (C2900-UNIVERSALK9-M), Version 15.2(4)M6a, RELEASE SOFTWARE (fc1)
 Technical Support: <http://www.cisco.com/techsupport>
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 Compiled Tue 15-Apr-14 09:45 by prod_rel_team

ROM: System Bootstrap, Version 15.0(1r)M16, RELEASE SOFTWARE (fc1)

R3-8_CIX uptime is 4 days, 5 hours, 14 minutes
 System returned to ROM by power-on
 System image file is "flash0:c2900-universalk9-mz.SPA.152-4.M6a.bin"
 Last reload type: Normal Reload
 Last reload reason: power-on

This product contains cryptographic features and is subject to United States and local country laws governing import, export, transfer and use. Delivery of Cisco cryptographic products does not imply third-party authority to import, export, distribute or use encryption. Importers, exporters, distributors and users are responsible for compliance with U.S. and local country laws. By using this product you agree to comply with applicable laws and regulations. If you are unable to comply with U.S. and local laws, return this product immediately.

A summary of U.S. laws governing Cisco cryptographic products may be found at:
<http://www.cisco.com/wwl/export/crypto/tool/stqrg.html>

If you require further assistance please contact us by sending email to export@cisco.com.

Cisco CISCO2901/K9 (revision 1.0) with 483328K/40960K bytes of memory.
 Processor board ID FCZ184492U6
 6 Gigabit Ethernet interfaces
 1 terminal line
 DRAM configuration is 64 bits wide with parity enabled.
 255K bytes of non-volatile configuration memory.
 255488K bytes of ATA System CompactFlash 0 (Read/Write)

License Info:

License UDI:

 Device# PID SN

 *0 CISCO2901/K9 FCZ184492U6

Technology Package License Information for Module:'c2900'

 Technology Technology-package Technology-package
 Current Type Next reboot

 ipbase ipbasek9 Permanent ipbasek9
 security None None None
 uc None None None
 data datak9 Permanent datak9

Configuration register is 0x2102