

show running-config

```
Current configuration : 1348 bytes

version 15.2
service timestamps debug datetime msec
service timestamps log datetime msec
no service password-encryption

hostname Core_CIX

boot-start-marker
boot-end-marker

no logging buffered
no logging console
no logging monitor

no aaa new-model

ip cef

no ipv6 cef

multilink bundle-name authenticated

license udi pid CISCO2901/K9 sn FCZ184492UH

username cisco privilege 15 password 0 cisco

redundancy

interface Loopback1
ip address 8.8.8.10 255.255.255.252

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

interface GigabitEthernet0/0
ip address 3.3.3.1 255.255.255.252
duplex auto
speed auto

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

router ospf 1
network 3.3.3.1 0.0.0.0 area 1

ip forward-protocol nd

no ip http server
no ip http secure-server

control-plane

banner motd ^CAccess Prohibited^C

line con 0
logging synchronous
login local
line aux 0
line 2
no activation-character
no exec
transport preferred none
transport output 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

8.0.0.0/8 is variably subnetted, 2 subnets, 2 masks
C 8.8.8.8/30 is directly connected, Loopback1
L 8.8.8.10/32 is directly connected, Loopback1

show ip bgp summary

% BGP not active

show cdp neighb

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 ip int brief

```
Interface IP-Address OK? Method Status Protocol
Embedded-Service-Engine0/0 unassigned YES unset administratively down down
GigabitEthernet0/0 3.3.3.1 YES manual down down
GigabitEthernet0/1 unassigned YES unset administratively down down
Loopback1 8.8.8.10 YES manual up up
```

show track

show ip nat translations

show access-lists

show route-map

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>
 Copyright (c) 1986-2014 by Cisco Systems, Inc.
 Compiled Tue 15-Apr-14 09:45 by prod_rel_team

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

Core_CIX uptime is 3 days, 19 hours, 59 minutes

System returned to ROM by reload at 13:20:51 UTC Fri Mar 17 2017
 System image file is "flash0:c2900-universalk9-mz.SPA.152-4.M6a.bin"
 Last reload type: Normal Reload
 Last reload reason: Reload Command

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 487424K/36864K bytes of memory.
 Processor board ID FCZ184492UH
 2 Gigabit Ethernet interfaces
 1 terminal line
 1 Virtual Private Network (VPN) Module
 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 FCZ184492UH

Technology Package License Information for Module:'c2900'

 Technology Technology-package Technology-package
 Current Type Next reboot

ipbase ipbasek9 Permanent ipbasek9
 security securityk9 Permanent securityk9
 uc None None None
 data None None None

Configuration register is 0x2102