# sh version

```
Cisco IOS Software, C2900 Software (C2900-UNIVERSALK9-M), Version 15.0(1)M6, RELEASE
SOFTWARE (fc1)
Technical Support: http://www.cisco.com/techsupport
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Compiled Wed 01-Jun-11 16:54 by prod_rel_team

ROM: System Bootstrap, Version 15.0(1r)M9, RELEASE SOFTWARE (fc1)

Border_3 uptime is 3 days, 7 hours, 21 minutes
System returned to ROM by reload at 08:45:50 UTC Mon Mar 20 2017
System restarted at 08:47:05 UTC Mon Mar 20 2017
System image file is "flash0:c2900-universalk9-mz.SPA.150-1.M6.bin"
Last reload type: Normal Reload
Last reload reason: Reload Command


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Cisco CISCO2911/K9 (revision 1.0) with 483328K/40960K bytes of memory.
Processor board ID FCZ152870EU
3 Gigabit Ethernet interfaces
1 Virtual Private Network (VPN) Module
DRAM configuration is 64 bits wide with parity enabled.
255K bytes of non-volatile configuration memory.
255744K bytes of ATA System CompactFlash 0 (Read/Write)


License Info:

License UDI:

-------------------------------------------------
Device# PID SN
-------------------------------------------------
*0 CISCO2911/K9 FCZ152870EU


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 uck9 Permanent uck9
data None None None

Configuration register is 0x2102
```

# sh run

```
Current configuration : 1652 bytes

version 15.0
service timestamps debug datetime msec
service timestamps log datetime msec
no service password-encryption

hostname Border_3

boot-start-marker
boot-end-marker

no logging buffered
no logging console
no logging monitor

no aaa new-model

no ipv6 cef
ip source-route
ip cef

no ip domain lookup

multilink bundle-name authenticated

voice-card 0

license udi pid CISCO2911/K9 sn FCZ152870EU
hw-module pvdm 0/0

username cisco privilege 15 secret 5 $1$JbPg$RSrU05z9w7hiUfLQ29WxA/

redundancy

interface GigabitEthernet0/0
description to_Carrier_2
ip address 10.0.0.21 255.255.255.252
duplex auto
speed auto
!

interface GigabitEthernet0/1
description to_ISP_A_POP_K1
ip address 10.0.0.42 255.255.255.252
duplex auto
speed auto
!

interface GigabitEthernet0/2
description to_ISP_A_POP_K2
ip address 10.0.0.38 255.255.255.252
duplex auto
speed auto
!

router ospf 1
log-adjacency-changes
passive-interface GigabitEthernet0/1
passive-interface GigabitEthernet0/2
network 10.0.0.20 0.0.0.3 area 1
network 10.0.0.36 0.0.0.3 area 1
network 10.0.0.40 0.0.0.3 area 1

ip forward-protocol nd

no ip http server
no ip http secure-server

control-plane
!

gatekeeper
```

CUST⊛DIO

```
shutdown

banner motd ^CNo Access!^C

line con 0
logging synchronous
login local
line aux 0
line vty 0 4
logging synchronous
login local
line vty 5 15
logging synchronous
login local

scheduler allocate 20000 1000
end
```

**CUST⊛DIO**

## sh ip int br

```
Interface IP-Address OK? Method Status Protocol
GigabitEthernet0/0 10.0.0.21 YES manual down down
GigabitEthernet0/1 10.0.0.42 YES manual down down
GigabitEthernet0/2 10.0.0.38 YES manual down down
```

**CUST⊛DIO**

# show access-lists

**CUST⊛DIO**

## sh track

**CUST👁DIO**

## sh cdp neigh

```
Capability Codes: R - Router, T - Trans Bridge, B - Source Route Bridge
S - Switch, H - Host, I - IGMP, r - Repeater

Device ID Local Intrfce Holdtme Capability Platform Port ID
```