CUST◉DIO

show running-config

```
Current configuration : 3038 bytes

version 15.1
service timestamps debug datetime msec
service timestamps log datetime msec
service password-encryption
no service password-recovery

hostname R2-22_ISPC-B5

boot-start-marker
boot-end-marker

no logging buffered
no logging console
no logging monitor
enable secret 5 $1$G4NZ$zvvd58ZsBR86lzenIWw9u/

no aaa new-model

dot11 syslog
ip source-route

ip cef

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

voice-card 0

crypto pki token default removal timeout 0

license udi pid CISCO2811 sn FHK1048U065
archive
log config
hidekeys
username cisco privilege 15 secret 5 $1$bewT$X/WtxLXwzazQsNkuQ69n10

interface Loopback0
ip address 22.1.1.1 255.255.255.0
ipv6 address 2001:22::1/64
ipv6 enable

interface FastEthernet0/0
ip address 200.5.0.1 255.255.255.0
shutdown
duplex auto
speed auto

interface FastEthernet0/1
no ip address
shutdown
duplex auto
speed auto

interface Serial0/0/0
no ip address
shutdown
no fair-queue
clock rate 2000000

interface Serial0/0/1
no ip address
shutdown
clock rate 2000000

interface Serial0/2/0
no ip address
encapsulation frame-relay
shutdown
no fair-queue
```

```
no keepalive
clock rate 2000000

interface Serial0/2/0.202 point-to-point
description to R2-20_ISPC
ip address 10.30.0.6 255.255.255.252
ipv6 address 2001:2::2/64
ipv6 enable
frame-relay interface-dlci 202

interface Serial0/2/1
no ip address
shutdown
clock rate 2000000

interface FastEthernet0/3/0

interface FastEthernet0/3/1

interface FastEthernet0/3/2

interface FastEthernet0/3/3

interface Analysis-Module1/0
no ip address
shutdown
hold-queue 60 out

interface Vlan1
no ip address

router ospf 1
network 10.30.0.4 0.0.0.3 area 1
network 22.1.1.0 0.0.0.255 area 1

router bgp 300
bgp router-id 22.1.1.1
no bgp default ipv4-unicast
bgp log-neighbor-changes
neighbor 9.1.1.1 remote-as 300
neighbor 9.1.1.1 update-source Loopback0
neighbor 2001:9::1 remote-as 300
neighbor 2001:9::1 update-source Loopback0
!
address-family ipv4
network 200.5.0.0
neighbor 9.1.1.1 activate
neighbor 9.1.1.1 next-hop-self
no auto-summary
exit-address-family
!
address-family ipv6
neighbor 2001:9::1 activate
exit-address-family

ip forward-protocol nd

no ip http server
no ip http secure-server

control-plane

mgcp profile default

banner motd ^CCNot Authorized!^C

line con 0
exec-timeout 0 0
password 7 0822455D0A16
logging synchronous
login local
line aux 0
line 66
no activation-character
no exec
transport preferred none
transport input all
```

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```
transport output pad telnet rlogin lapb-ta mop udptn v120 ssh
line vty 0 4
exec-timeout 0 0
password 7 05080F1C2243
logging synchronous
login local
transport input telnet
line vty 5 15
exec-timeout 0 0
password 7 05080F1C2243
logging synchronous
login local
transport input telnet

scheduler allocate 20000 1000
end
```

CUST⊛DIO

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

     22.0.0.0/8 is variably subnetted, 2 subnets, 2 masks
C    22.1.1.0/24 is directly connected, Loopback0
L    22.1.1.1/32 is directly connected, Loopback0
```

CUST⊕DIO

show ipv6 route

```
IPv6 Routing Table - default - 3 entries
Codes: C - Connected, L - Local, S - Static, U - Per-user Static route
B - BGP, HA - Home Agent, MR - Mobile Router, R - RIP
I1 - ISIS L1, I2 - ISIS L2, IA - ISIS interarea, IS - ISIS summary
D - EIGRP, EX - EIGRP external, ND - Neighbor Discovery
C 2001:22::/64 [0/0]
via Loopback0, directly connected
L 2001:22::1/128 [0/0]
via Loopback0, receive
L FF00::/8 [0/0]
via Null0, receive
```

CUST⊛DIO

show ip int brief

```
Interface IP-Address OK? Method Status Protocol
FastEthernet0/0 200.5.0.1 YES manual administratively down down
FastEthernet0/1 unassigned YES manual administratively down down
Serial0/0/0 unassigned YES unset administratively down down
Serial0/0/1 unassigned YES unset administratively down down
Serial0/2/0 unassigned YES manual administratively down down
Serial0/2/0.202 10.30.0.6 YES manual administratively down down
Serial0/2/1 unassigned YES manual administratively down down
FastEthernet0/3/0 unassigned YES unset up down
FastEthernet0/3/1 unassigned YES unset up down
FastEthernet0/3/2 unassigned YES unset up down
FastEthernet0/3/3 unassigned YES unset up down
Analysis-Module1/0 unassigned YES unset administratively down down
Loopback0 22.1.1.1 YES manual up up
Vlan1 unassigned YES unset up down
```

CUST◉DIO

show ipv6 int brief

```
FastEthernet0/0 [administratively down/down]
unassigned
FastEthernet0/1 [administratively down/down]
unassigned
Serial0/0/0 [administratively down/down]
unassigned
Serial0/0/1 [administratively down/down]
unassigned
Serial0/2/0 [administratively down/down]
unassigned
Serial0/2/0.202 [administratively down/down]
FE80::21A:6CFF:FE1E:4428
2001:2::2
Serial0/2/1 [administratively down/down]
unassigned
FastEthernet0/3/0 [up/down]
unassigned
FastEthernet0/3/1 [up/down]
unassigned
FastEthernet0/3/2 [up/down]
unassigned
FastEthernet0/3/3 [up/down]
unassigned
Analysis-Module1/0 [administratively down/down]
unassigned
Loopback0 [up/up]
FE80::21A:6CFF:FE1E:4428
2001:22::1
Vlan1 [up/down]
unassigned
```

CUST◉DIO

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
```

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show ipv6 ospf 10

```
  ^
% Invalid input detected at '^' marker.
```

% Invalid input detected at '^' marker.

CUST⊛DIO

show ipv6 ospf 10 neighbor

```
  ^
% Invalid input detected at '^' marker.
```

CUST◉DIO

show ip bgp summary

```
BGP router identifier 22.1.1.1, local AS number 300
BGP table version is 1, main routing table version 1

Neighbor V AS MsgRcvd MsgSent TblVer InQ OutQ Up/Down State/PfxRcd
9.1.1.1 4 300 0 0 1 0 0 never Idle
```

CUST⊛DIO

show access-lists

show version

```
Cisco IOS Software, 2800 Software (C2800NM-IPVOICEK9-M), Version 15.1(3)T1, RELEASE
SOFTWARE (fc2)
Technical Support: http://www.cisco.com/techsupport
Copyright (c) 1986-2011 by Cisco Systems, Inc.
Compiled Sun 27-Mar-11 06:31 by prod_rel_team

ROM: System Bootstrap, Version 12.4(13r)T, RELEASE SOFTWARE (fc1)

R2-22_ISPC-B5 uptime is 4 hours, 3 minutes
System returned to ROM by reload at 17:57:14 UTC Tue Mar 7 2017
System image file is "flash:c2800nm-ipvoicek9-mz.151-3.T1.bin"
Last reload type: Normal Reload


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 2811 (revision 53.51) with 249856K/12288K bytes of memory.
Processor board ID FHK1048U065
6 FastEthernet interfaces
4 Serial(sync/async) interfaces
1 terminal line
1 cisco nam sensor(s), nam monitoring on slot 1
DRAM configuration is 64 bits wide with parity enabled.
239K bytes of non-volatile configuration memory.
1964088K bytes of ATA CompactFlash (Read/Write)


License Info:

License UDI:

-------------------------------------------------
Device# PID SN
-------------------------------------------------
*0 CISCO2811 FHK1048U065


Configuration register is 0x2102
```