



# Cisco 6608 Gateway - PBX Interoperability: NEC 2400 ICS Release J 5.8 PBX with CallManager Using E1 QSIG as MGCP Gateway

## Introduction

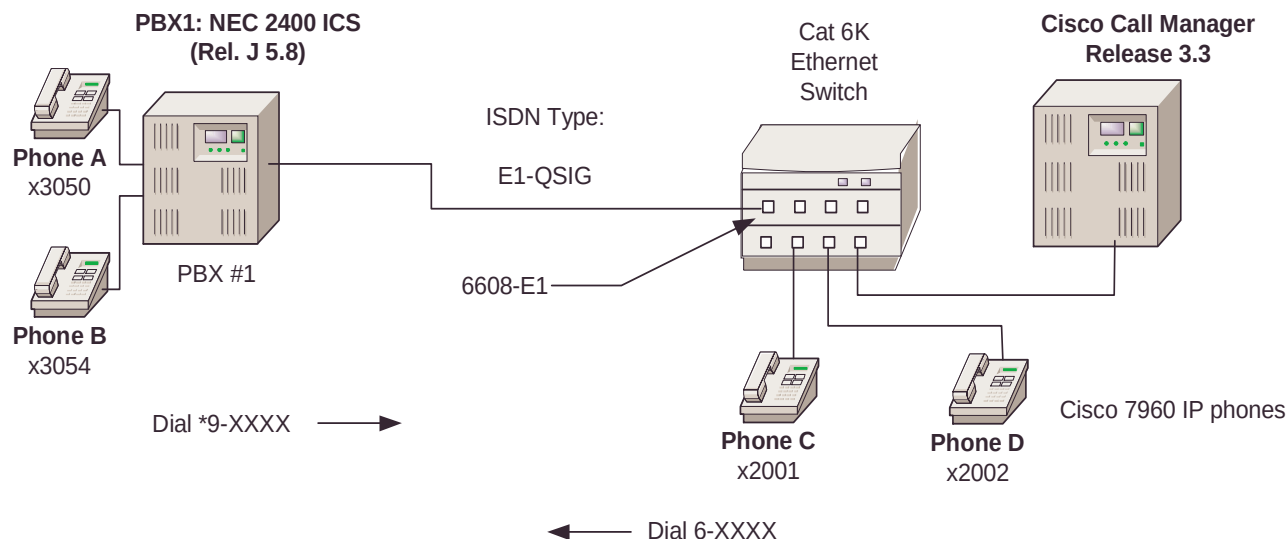
- This note describes the connectivity of the NEC 2400 ICS Release J 5.8 PBX, Cisco CallManager, and Cisco 6608 gateway.
- Connectivity is achieved by using the PRI ISO QSIG E1 protocol type on the gateway configured as Network side and ETSI QSIG switch type on the NEC 2400 PBX configured as User side.
- The network topology diagram shows the end-to-end interoperability.
- Features supported are as follows:
  - Calling Name Identification Presentation
  - Calling Number Identification Presentation
  - Calling Number Identification Restriction
  - Connected Name Identification Presentation
  - Connected Number Identification Presentation
  - Honor Calling/Connected Name Identification Restriction
  - Honor Calling/Connected Number Identification Restriction



## Network Topology

Figure 1. Network Topology

### Basic Call Setup End-to-End Configuration



### Limitations

- Calling and connected name did not display on either side because the NEC 2400 PBX is using the ETSI standard and Cisco CallManager is using the ISO standard.
- Connected number is not displayed on the Cisco 7960 IP phone since the NEC 2400 PBX sends the connected number with presentation of "Restricted."
- When calling from the Cisco 7960 IP phone to the NEC digital phone, the connected number is not displayed on the IP phone after the call is answered. It was verified using an ISDN protocol analyzer that the NEC 2400 PBX was sending the connected number information with presentation of "Restricted." This is an NEC QSIG protocol issue.
- When calling from the NEC digital phone to the Cisco 7960 IP phone, both sides display the number after the call is answered.
- Though the NEC 2400 PBX can be configured as either "network side" (master) or "user side" (slave), configuration as "network side" is not recommended. The NEC TAC center will not resolve a case presented with the NEC PBX configured as "network side".
- CallManager features that are not supported are as follows:
  - Sending Alerting Name Identification
  - Sending Busy Name Identification
  - Sending Calling/Connected Name Identification Restriction
  - Sending Connected Number Identification Restriction
  - Updating Connected Name and Number for Call Transfers
  - Updating Connected Name and Number for Call Forwarding



## System Components

### Hardware Requirements

- Cisco Catalyst 6000 switch with 6608-E1 gateway
- NEC 2400 ICS PBX, PA-30PRTB

### Software Requirements

- PBX Software Release J 5.8
- Cisco CallManager Release 3.3

## Configuration

### Configuring the NEC 2400 ICS PBX

The NEC PBX requires a substantial amount of programming and circuit card switch settings to properly install E1 QSIG. It is beyond the scope of this document to provide the entire configuration; therefore the NEC PBX information that follows is mostly helpful for NEC technicians. It is strongly recommended that you have a NEC ISDN certified technician set up the NEC portion. Refer to the NEC 2400 PBX documentation for complete configuration information.

Step 1. Install circuit card (PA-30PRTB) and set the switches.

| Switch                | Position | Description                                                                                    | Setting |
|-----------------------|----------|------------------------------------------------------------------------------------------------|---------|
| SW00                  |          | Make Busy                                                                                      | Down    |
| SW01                  | 0        | All Channel Make Busy                                                                          | Off     |
|                       | 1        | External Loop Back                                                                             | Off     |
|                       | 2        | Internal Loop Back                                                                             | Off     |
|                       | 3        | Dch Handler Make Busy                                                                          | Off     |
| SW02 (SENSE - Rotary) |          | 1 = AT&T<br>2 = Australia<br>3 = NTT Japan<br>4 = NEC/ETSI<br>5 = AT&T<br>6 = INS<br>A = Q.SIG | A       |
| SW10                  | Jumper   | Off = Coax<br>On = Twisted Pair                                                                | On      |
| SW11                  | Jumper   | Off = Coax<br>On = Twisted Pair                                                                | On      |
| SW12                  | Jumper   | Off = Coax<br>On = Twisted Pair                                                                | On      |
| SW13                  | 1        | On = PAD ROM Special Version<br>Off = PAD ROM Standard Version                                 | Off     |
|                       | 2        | On = ISDN BUS Not Used<br>Off = ISDN BUS Used                                                  | On      |
|                       | 3        | Not Used                                                                                       | Off     |



| Switch | Position | Description                                                                | Setting |
|--------|----------|----------------------------------------------------------------------------|---------|
|        | 4        | Not Used                                                                   | Off     |
| SW14   | 1        | On = CCITT Signaling<br>Off = CEPT Signaling                               | On      |
|        | 2        | On = Alarm Release: 2sec (Aus)<br>Off = Alarm Release 15 Sec.              | On      |
|        | 3        | PAD                                                                        | On      |
|        | 4        | PAD                                                                        | On      |
|        | 5        | PAD                                                                        | On      |
|        | 6        | PAD                                                                        | On      |
|        | 7        | PAD                                                                        | On      |
|        | 8        | Fixed Off                                                                  | Off     |
| SW15   | 1        | Loopback Pattern<br>Off = Loopback inhibited                               | Off     |
|        | 2        | Loopback Pattern<br>Off = Loopback inhibited                               | Off     |
|        | 3        | Loopback Pattern<br>Off = Loopback inhibited                               | Off     |
|        | 4        | Loopback Pattern<br>Off = Loopback inhibited                               | Off     |
|        | 5        | TS16 Control:<br>On = Data Through (CCIS/ISDN)<br>Off = Signaling          | On      |
|        | 6        | On = No CRC4<br>Off = CRC4                                                 | Off     |
|        | 7        | Firmware (CCITT/China/Thailand/Aux)                                        | On      |
|        | 8        | Firmware (CCITT/China/Thailand/Aux)                                        | On      |
| SW16   | 1        | Fixed Off                                                                  | Off     |
|        | 2        | Fixed Off                                                                  | Off     |
|        | 3        | All "1" Supervision<br>On = To be controlled<br>Off = Not to be controlled | Off     |
|        | 4        | On = Dch User Side<br>Off = Dch Network Side                               | On      |
|        | 5        | On = Dch NegativeLogic<br>Off = Dch Positive Logic                         | Off     |
|        | 6        | On = Dch Packet Service On<br>Off = Dch Packet Service Off                 | Off     |
|        | 7        | Fixed Off                                                                  | Off     |



| Switch | Position | Description | Setting |
|--------|----------|-------------|---------|
|        | 8        | Fixed Off   | Off     |

Step 2. Configure the route (ARTD). The following are the route settings found in ARTD. Route 19 is the B channel and route 20 is the D channel. Setting the NEC PBX to emulate the network side is not supported by NEC. However, you can have limited success emulating network side. CDN 64 must remain set to 0 or the calling number is not be passed.

|                           |          |                     |           |             |          |         |
|---------------------------|----------|---------------------|-----------|-------------|----------|---------|
| [LRTD]                    |          | CISCO TEST FACILITY |           |             | 02/05/10 | PAGE: 7 |
| * ROUTE CLASS DATA LIST * |          |                     |           |             |          |         |
|                           |          | -----               | R O U T E | N U M B E R | -----    |         |
| CDN                       | FUNCTION | 16                  | 17        | 18          | 19       | 20      |
| 1                         | OSGS     | 4                   | 0         | 0           | 0        | 0       |
| 2                         | ONSG     | 3                   | 2         | 2           | 2        | 2       |
| 3                         | ISGS     | 4                   | 0         | 0           | 0        | 0       |
| 4                         | INSG     | 3                   | 2         | 2           | 2        | 2       |
| 5                         | TF       | 3                   | 3         | 3           | 3        | 3       |
| 6                         | TCL      | 4                   | 4         | 4           | 4        | 4       |
| 7                         | L/T      | 1                   | 1         | 1           | 1        | 1       |
| 8                         | RLP      | 2                   | 2         | 2           | 2        | 2       |
| 9                         | TQ       | 0                   | 1         | 0           | 0        | 0       |
| 10                        | SMDR     | 0                   | 1         | 1           | 0        | 0       |
| 11                        | TD       | 0                   | 0         | 0           | 0        | 0       |
| 12                        | DR       | 1                   | 0         | 0           | 0        | 0       |
| 13                        | AC       | 1                   | 1         | 0           | 1        | 0       |
| 14                        | TNT      | 0                   | 0         | 0           | 0        | 0       |
| 15                        | LSG      | 5                   | 12        | 13          | 12       | 13      |
| 16                        | SMDR2    | 0                   | 0         | 0           | 0        | 0       |
| 17                        | H/M      | 0                   | 0         | 0           | 0        | 0       |
| 18                        | MC       | 0                   | 0         | 0           | 0        | 0       |
| 19                        | ANI      | 0                   | 0         | 0           | 0        | 0       |
| 20                        | D        | 0                   | 0         | 0           | 0        | 0       |
| 21                        | MSB      | 0                   | 0         | 0           | 0        | 0       |
| 22                        | MSW      | 0                   | 0         | 0           | 0        | 0       |
| 23                        | TR       | 0                   | 0         | 0           | 0        | 0       |
| 24                        | OC       | 0                   | 0         | 0           | 0        | 0       |
| 25                        | R/L      | 0                   | 0         | 0           | 0        | 0       |
| 26                        | RVSD     | 0                   | 0         | 0           | 0        | 0       |
| 27                        | TL       | 0                   | 0         | 0           | 0        | 0       |
| 28                        | ANS      | 0                   | 1         | 0           | 1        | 0       |
| 29                        | TELP     | 0                   | 0         | 0           | 0        | 0       |
| 30                        | PAD      | 0                   | 7         | 7           | 7        | 7       |
| 31                        | OGRL     | 0                   | 1         | 1           | 1        | 1       |
| 32                        | ICRL     | 0                   | 1         | 1           | 1        | 1       |
| 33                        | HD       | 0                   | 0         | 0           | 0        | 0       |
| 34                        | GUARD    | 0                   | 1         | 1           | 1        | 1       |
| 35                        | WINK     | 0                   | 0         | 0           | 0        | 0       |
| 36                        | VAD      | 0                   | 0         | 0           | 0        | 0       |
| 37                        | CLD      | 0                   | 0         | 0           | 0        | 0       |
| 38                        | FA       | 0                   | 0         | 0           | 0        | 0       |

|                           |                     |           |             |       |          |         |
|---------------------------|---------------------|-----------|-------------|-------|----------|---------|
| [LRTD]                    | CISCO TEST FACILITY |           |             |       | 02/05/10 | PAGE: 8 |
| * ROUTE CLASS DATA LIST * |                     |           |             |       |          |         |
| CDN FUNCTION              | -----               | R O U T E | N U M B E R | ----- |          |         |
|                           | 16                  | 17        | 18          | 19    | 20       |         |



|    |       |   |    |    |    |    |
|----|-------|---|----|----|----|----|
| 39 | BC    | 0 | 0  | 0  | 0  | 0  |
| 40 | TCM   | 0 | 0  | 0  | 0  | 0  |
| 41 | TDMQ  | 0 | 0  | 0  | 0  | 0  |
| 42 | TRSC  | 0 | 0  | 0  | 0  | 0  |
| 43 | BT    | 0 | 1  | 1  | 1  | 1  |
|    |       |   |    |    |    |    |
| 44 | PRV   | 0 | 0  | 0  | 0  | 0  |
| 45 | A/D   | 0 | 1  | 1  | 1  | 1  |
| 46 | CW    | 0 | 0  | 0  | 0  | 0  |
| 47 | TPQ   | 0 | 0  | 0  | 0  | 0  |
| 48 | BL    | 0 | 0  | 0  | 0  | 0  |
|    |       |   |    |    |    |    |
| 49 | TRKS  | 0 | 1  | 1  | 1  | 0  |
| 50 | DPLY  | 0 | 1  | 1  | 1  | 0  |
| 51 | ACD   | 0 | 0  | 0  | 0  | 0  |
| 52 | 2W/4W | 0 | 0  | 0  | 0  | 0  |
| 53 | FAAT  | 0 | 0  | 0  | 0  | 0  |
|    |       |   |    |    |    |    |
| 54 | GW    | 0 | 0  | 0  | 0  | 0  |
| 55 | TCMA  | 0 | 0  | 0  | 0  | 0  |
| 56 | SMDR3 | 0 | 0  | 0  | 0  | 0  |
| 57 | HDT   | 0 | 0  | 0  | 0  | 0  |
| 58 | CD    | 0 | 0  | 0  | 0  | 0  |
|    |       |   |    |    |    |    |
| 59 | CCH   | 0 | 0  | 0  | 0  | 0  |
| 60 | TC/EC | 0 | 0  | 0  | 0  | 0  |
| 61 | IRE   | 0 | 0  | 0  | 0  | 0  |
| 62 | SCR   | 0 | 0  | 0  | 0  | 0  |
| 63 | LYER1 | 0 | 1  | 1  | 1  | 1  |
|    |       |   |    |    |    |    |
| 64 | NET   | 0 | 0  | 0  | 0  | 0  |
| 65 | INT   | 0 | 10 | 10 | 10 | 10 |
| 66 | DC    | 0 | 4  | 4  | 4  | 4  |
| 67 | HKS   | 0 | 0  | 0  | 0  | 0  |
| 68 | SCF   | 0 | 0  | 0  | 0  | 0  |
|    |       |   |    |    |    |    |
| 69 | SMDR4 | 0 | 0  | 0  | 0  | 0  |



## Configuring Cisco CallManager

Step 1. Configure the 6608-E1 gateway. Use the following screens as a reference.

Cisco CallManager 3.3 Administration - Gateway Configuration - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites History Print

Address [dmin/gatewayconfig.asp?pkid={CB557D64-12B9-451A-979A-E4D32198D86A}&Status=US&Action=Update&Type=2&MGCP=](#) Go Links

**Cisco CallManager Administration**  
For Cisco IP Telephony Solutions

**Gateway Configuration** [Back to Find/List Gateways](#)

**Product : Cisco Catalyst 6000 E1 VoIP Gateway**  
**Gateway : SO/DS1-0@SDA000164122280**  
**Device Protocol: Digital Access PRI**  
**Registration: Registered with Cisco CallManager 10.10.10.1**  
**IP Address: 10.10.10.104**

Status: Update completed.

**Device Information**

|                           |                                              |
|---------------------------|----------------------------------------------|
| MAC Address*              | <input type="text" value="000164122280"/>    |
| Description               | <input type="text" value="SDA000164122280"/> |
| Device Pool*              | <input type="text" value="Default"/>         |
| Network Locale*           | <input type="text" value="United States"/>   |
| Media Resource Group List | <input type="text" value=" &lt; None &gt;"/> |
| Location                  | <input type="text" value=" &lt; None &gt;"/> |
| AAR Group                 | <input type="text" value=" &lt; None &gt;"/> |
| Load Information          | <input type="text"/>                         |

**Interface Information**

|                          |                                              |
|--------------------------|----------------------------------------------|
| PRI Protocol Type*       | <input type="text" value="PRI ISO QSIG E1"/> |
| Protocol Side*           | <input type="text" value="Network"/>         |
| Channel Selection Order* | <input type="text" value="Top Down"/>        |
| Channel IE Type*         | <input type="text" value="Timeslot Number"/> |

Reset succeeded.

Local intranet



Cisco CallManager 3.3 Administration - Gateway Configuration - Microsoft Internet Explorer

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Address <http://ferengi/CCMAdmin/gatewayconfig.asp?pkid={CB557D64-12B9-451A-979A-E4D32198D86A}&type=2> Go Links

PCM Type\* A-law

Delay for first restart (1/8 sec ticks) 32

Delay between restarts (1/8 sec ticks) 4

☒ Inhibit restarts at PRI initialization

☐ Enable status poll

**Call Routing Information**

**Inbound Calls**

Significant Digits\* 23

Calling Search Space < None >

AAR Calling Search Space < None >

Prefix DN

**Outbound Calls**

Calling Party Presentation\* Allowed

Calling Party Selection\* Originator

Called party IE number type unknown\* Cisco CallManager

Calling party IE number type unknown\* Cisco CallManager

Called Numbering Plan\* Private

Calling Numbering Plan\* Cisco CallManager

Number of digits to strip\* 0

Caller ID DN

**PRI Protocol Type Specific Information**

☐ Display IE Delivery

☐ Redirecting Number IE Delivery - Outbound

Done Local intranet





Cisco CallManager 3.3 Administration - Gateway Configuration - Microsoft Internet Explorer

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Address <http://ferengi/CCMAdmin/gatewayconfig.asp?pkid={CB557D64-12B9-451A-979A-E4D32198D86A}&type=2> Go Links

☐ Redirecting Number IE Delivery - Inbound

☒ Send Extra Leading Character In DisplayIE\*\*\*

☐ Setup non-ISDN Progress Indicator IE Enable\*\*\*\*

☐ MCDN Channel Number Extension Bit Set to Zero\*\*

☐ Interface Identifier Present\*\*

Interface Identifier Value\*\*

**Product Specific Configuration**

Clock Reference\*

Framing\*

Audio Signal Adjustment into IP Network\*

Audio Signal Adjustment from IP Network\*

Zero Suppression\*

Digit On Duration(50-500ms)\*

Interdigit Duration(50-500msec)\*

Adaptive Gain Control Enable\* ☒

SNMP Community String

Debug Port Enable\* ☒

Hold Tone Silence Duration\*

Port Used for Voice Calls\* ☒

Port Used for Modem Calls\* ☒

Port Used for Fax Calls\* ☒

**Fax and Modem Parameters**

Done Local intranet



Cisco CallManager 3.3 Administration - Gateway Configuration - Microsoft Internet Explorer

File Edit View Favorites Tools Help

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Address <http://ferengi/CCMAdmin/gatewayconfig.asp?pkid={CB557D64-12B9-451A-979A-E4D32198D86A}&type=2> Go Links

### Fax and Modem Parameters

|                                       |                                     |
|---------------------------------------|-------------------------------------|
| Fax Relay Enable*                     | <input checked="" type="checkbox"/> |
| Fax Error Correction Mode Override*   | <input checked="" type="checkbox"/> |
| Maximum Fax Rate*                     | 14400bps                            |
| Fax Payload Size*                     | 20                                  |
| Non Standard Facilities Country Code* | 65535                               |
| Non Standard Facilities Vendor Code*  | 65535                               |
| Fax/Modem Packet Redundancy*          | <input type="checkbox"/>            |
| V.21 Flag Sequence Detection Count*   | 4                                   |
| NSE Type*                             | Non-IOS Gateways                    |

### Playout Delay Parameters

|                        |     |
|------------------------|-----|
| Initial Playout Delay* | 40  |
| Minimum Playout Delay* | 20  |
| Maximum Playout Delay* | 150 |

\* indicates required item  
\*\* applicable to DMS-100 protocol only  
\*\*\* applicable to DMS-100 protocol and DMS-250 protocol only  
\*\*\*\* may be required to force ringback from some PBXs

[Back to Find/List Gateways](#)

Local intranet



Step 2. Configure the enbloc route pattern. Use the following screen as a reference.

**Cisco CallManager 3.3 Administration - Route Pattern Configuration - Microsoft Internet Explorer**

File Edit View Favorites Tools Help

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Address <http://ferengi/CCMAdmin/routepatternconfig.asp?pkid={AB9DD1D1-A861-44F8-A286-72E0CA4426A1}> Go Links

---

**Route Pattern: 6.XXXX**

Status: Ready

Note: Any update to this route pattern automatically resets the associated gateway/route list

Copy Update Delete

---

**Pattern Definition**

Route Pattern\* 6.XXXX

Partition < None >

Description

Numbering Plan\* North American Numbering Plan

Route Filter < None >

Gateway/Route List\* S0/DS1-0@SDA000164122280 (Edit)

Route Option ☒ Route this pattern ☐ Block this pattern

☒ Provide Outside Dial Tone ☐ Urgent Priority

---

**Calling Party Transformations**

☐ Use Calling Party's External Phone Number Mask

Calling Party Transform Mask

Prefix Digits (Outgoing Calls)

Calling Party Presentation Default

---

**Called Party Transformations**

Discard Digits PreDot

Called Party Transform Mask

Prefix Digits (Outgoing Calls)

---

**ISDN Network-Specific Facilities Information Element**

Carrier Identification Code

Network Service Protocol — Not Selected —

Network Service — Not Selected — Service Parameter Name < Not Exist > Service Parameter Value

Done Local intranet



## Configuring the Catalyst 6000 Switch

- Verify the software version with the **show version** command from the console. The following is sample output.

```
Console> (enable) sh version

WS-C6506 Software, Version NmpSW: 6.1(4)
Copyright (c) 1995-2001 by Cisco Systems
NMP S/W compiled on May 15 2001, 12:27:20

System Bootstrap Version: 5.3(1)

Hardware Version: 2.0 Model: WS-C6506 Serial #: TBA04110341

Mod Port Model Serial # Versions
-----
1 2 WS-X6K-SUP1A-2GE SAD041504XL Hw : 3.1
Fw : 5.3(1)
Fw1: 5.1(1)CSX
Sw : 6.1(4)
Sw1: 6.1(4)
3 48 WS-F6K-PFC SAD0413097K Hw : 1.1
WS-X6248-RJ-45 SAD04150CK1 Hw : 1.2
Fw : 5.1(1)CSX
Sw : 6.1(4)
4 24 WS-X6624-FXS SAD050203M8 Hw : 3.0
Fw : 5.4(2)
Sw : 6.1(4)
HP : A00203030009; DSP : A003D033 (3.6.
33)
5 8 WS-X6608-E1 SAD043300AJ Hw : 1.1
Fw : 5.4(2)
Sw : 6.1(4)
HP1: D00403030009; DSP1: D005D033 (3.6.
33)
HP2: D00403030009; DSP2: D005D033 (3.6.
33)
HP3: D00403030009; DSP3: D005D033 (3.6.
33)
HP4: D00403030009; DSP4: D005D033 (3.6.
33)
HP5: C00103010007; DSP5: C002E031 (3.3.
2)
HP6: C00103010007; DSP6: C002E031 (3.3.
2)
HP7: C00103010007; DSP7: C002E031 (3.3.
2)
HP8: C00103010007; DSP8: C002E031 (3.3.
2)

Module DRAM FLASH NVRAM
Total Used Free Total Used Free Total Used Free
-----
1 65408K 43764K 21644K 16384K 5327K 11057K 512K 245K 267K

Uptime is 229 days, 22 hours, 39 minutes
Console> (enable)
```

- Verify the modules with the **show module** command from the console. The following is sample output.

```
Console> (enable) sh module

Mod Slot Ports Module-Type Model Sub Status
-----
1 1 2 1000BaseX Supervisor WS-X6K-SUP1A-2GE yes ok
3 3 48 10/100BaseTX Ethernet WS-X6248-RJ-45 no ok
4 4 24 FXS WS-X6624-FXS no ok
5 5 8 E1 WS-X6608-E1 no ok
6 6 8 T1 WS-X6608-T1 no ok
```



```
Mod Module-Name          Serial-Num
-----
1          SAD041504XL
3          SAD04150CK1
4          SAD050203M8
5          SAD043300AJ
6          SAD04400EM0

Mod MAC-Address(es)      Hw      Fw      Sw
-----
1  00-d0-d3-37-f9-8e to 00-d0-d3-37-f9-8f 3.1    5.3(1)  6.1(4)
   00-d0-d3-37-f9-8c to 00-d0-d3-37-f9-8d
   00-01-63-af-5c-00 to 00-01-63-af-5f-ff
3  00-01-97-4a-10-30 to 00-01-97-4a-10-5f 1.2    5.1(1)CSX 6.1(4)
4  00-03-32-ba-2e-35          3.0    5.4(2)  6.1(4)
5  00-01-64-12-22-80 to 00-01-64-12-22-87 1.1    5.4(2)  6.1(4)
6  00-01-c9-d9-3a-98 to 00-01-c9-d9-3a-9f 1.1    5.4(2)  6.1(4)

Mod Sub-Type          Sub-Model          Sub-Serial  Sub-Hw
-----
1  L3 Switching Engine  WS-F6K-PFC          SAD0413097K 1.1
Console> (enable)
```

- Verify the ports with the **show port** command from the console. The following is sample output.

```
Console> (enable) sh port 5/1

Port  Name          Status      Vlan      Duplex Speed Type
-----
5/1          connected  1          full  2.048 E1

Port  DHCP      MAC-Address      IP-Address      Subnet-Mask
-----
5/1    enable  00-01-64-12-22-80 10.10.10.104    255.255.255.0

Port  Call-Manager(s)  DHCP-Server      TFTP-Server      Gateway
-----
5/1    10.10.10.1      10.10.10.1      10.10.10.1      10.10.10.125

Port  DNS-Server(s)    Domain
-----
5/1    -                -

Port  CallManagerState DSP-Type
-----
5/1    registered      C549

Port  NoiseRegen NonLinearProcessing
-----
5/1    enabled        enabled

Port  Trap      IfIndex
-----
5/1    disabled  66
Console> (enable)
```



## Important Information

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### Corporate Headquarters

Cisco Systems, Inc.  
170 West Tasman Drive  
San Jose, CA 95134-1706  
USA  
[www.cisco.com](http://www.cisco.com)  
Tel: 408 526-4000  
800 553-NETS (6387)  
Fax: 408 526-4100

### European Headquarters

Cisco Systems International  
BV  
Haarlerbergpark  
Haarlerbergweg 13-19  
1101 CH Amsterdam  
The Netherlands  
[www-europe.cisco.com](http://www-europe.cisco.com)  
Tel: 31 0 20 357 1000  
Fax: 31 0 20 357 1100

### Americas Headquarters

Cisco Systems, Inc.  
170 West Tasman Drive  
San Jose, CA 95134-1706  
USA  
[www.cisco.com](http://www.cisco.com)  
Tel: 408 526-7660  
Fax: 408 527-0883

### Asia Pacific Headquarters

Cisco Systems, Inc.  
Capital Tower  
168 Robinson Road  
#22-01 to #29-01  
Singapore 068912  
[www.cisco.com](http://www.cisco.com)  
Tel: +65 317 7777  
Fax: +65 317 7799

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