



Show Commands

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show activecontrolmode

show activecontrolmode

Syntax Description This command has no arguments or keywords.

Command Default No default behavior or values.

Usage Guidelines Use this command to display the current active control mode setting on IX system.

Examples

```
admin:show activecontrolmode
ActiveControl is currently enabled
```

Related Commands	Command	Description
	set activecontrolmode	Set activecontrolmode.

show audio level main

show audio level main

Syntax Description This command has no arguments or keywords.

Command Default No default behavior or values.

Command History	Release	Modifications
	IX 8.0.2.2	This command was introduced.

Usage Guidelines Use this command to display the audio level.

Examples

```
admin:show audio level main
Audio Level: 7
```

Related Commands	Command	Description
	set audio level main	Set the audio level

show audio status

show audio status

Syntax Description This command has no arguments or keywords.

Command Default No default behavior or values.

Command History	Release	Modifications
	IX 8.0	Deprecated. This command doesn't exist in IX 8.0.

Usage Guidelines Use this command to view audio status.

Examples `admin:show audio status`

Related Commands	Command	Description
	show video status	Displays video status.

show bronzecard version

show bronzecard version

Syntax Description This command has no arguments or keywords.

Command Default No default behavior or values.

Command History	Release	Modifications
	IX 8.2.1	This command was introduced.

Usage Guidelines This command displays the bronzecard driver version.

Examples

```
admin:show bronzecard version
Active Bronze Card Version
second pegasus at top port current version 0.49.0 upgrade version 0
first pegasus at top port current version 0.49.0 upgrade version 0
second pegasus at btm port current version 0.49.0 upgrade version 0
first pegasus at btm port current version 0.49.0 upgrade version 0
```

show call econoqual

show call econoqual

Syntax Description This command has no arguments or keywords.

Command Default No default behavior or values.

Command History	Release	Modifications
	1.7.0	The command was introduced.

Usage Guidelines Use this command to view call economy quality feature settings.

Examples

```
admin:show call econoqual

The current state of the Call Economy Quality: disabled
```

Related Commands	Command	Description
	show call hold	Displays call hold feature settings.
	show call idle	Displays call idle redirect settings.

show call hold

show call hold

Syntax Description This command has no arguments or keywords.

Command Default No default behavior or values.

Command History	Release	Modifications
	1.7.0	The command was introduced.

Usage Guidelines Use this command to view call hold feature settings.

Examples

```
admin:show call hold

The current state of the Call Hold: disabled
```

Related Commands	Command	Description
	show call idle	Displays call idle redirect settings.
	show call econoqual	Displays call economy quality feature settings.

show call idle

show call idle

Syntax Description This command has no arguments or keywords.

Command Default No default behavior or values.

Command History	Release	Modifications
	1.7.0	The command was introduced.

Usage Guidelines Use this command to view call idle redirect settings.

Examples

```
admin:show call idle

The current value of Call Idle Redirect is: Normal
```

Related Commands	Command	Description
	show call hold	Displays call hold feature settings.
	show call econoqual	Displays call economy quality feature settings.

show call statistics addin

show call statistics addin [detail | page]

Syntax Description	detail	Optional. Displays detailed call statistics.
	page	Optional. Pages through the output.

Command Default No default behavior or values.

Command History	Release	Modifications
	1.7.0	The command was introduced.

Usage Guidelines Use this command to retrieve the audio-addin statistics of the call.

Examples

```
admin:show call statistics addin
      Call Statistics
Registered to Cisco Unified Call Manager : Yes
Call in Progress      : Yes

Call Type      : Audio/Video Call      Call Start Time: Jul 12 11:40:35 2007
Duration (sec) : 53                    Direction      : Outgoing
Local Number   : 12345                  Remote Number  : 23456
State          : Answered               Bit Rate      : 4000000 bps,1080p

-- Audio Add-in --
IP Addr  Src : 11.17.126.73:16386      Dst      : 0.0.0.0:0
Latency  Avg : 1                      Period   : 0

Statistics          Left      Center      Right      Aux
Tx Bytes            0
Tx Packets          0
Rx Bytes            0
Rx Packets          0
Rx Packets Lost    0
```

Related Commands	Command	Description
	show call statistics all	Displays all the statistics of the call.
	show call statistics audio	Displays the audio statistics of the call.
	show call statistics video	Displays the video statistics of the call.

show call statistics all

show call statistics all [detail | page]

Syntax Description	detail	Optional. Display more detailed call statistics.
	page	Optional. Pages through the output.

Command Default No default behavior or values.

Command History	Release	Modifications
	1.2	The command was introduced.

Usage Guidelines Use this command to retrieve all the statistics of the call.

Examples

```
admin:show call statistics all
      Call Statistics
Registered to Cisco Unified Call Manager : Yes
Call in Progress      : Yes

Call Type      : Audio/Video Call   Call Start Time: Jul 12 11:40:35 2007
Duration (sec) : 53                 Direction      : Outgoing
Local Number   : 12345              Remote Number  : 23456
State          : Answered           Bit Rate      : 4000000 bps,1080p

-- Audio --
IP Addr  Src : 11.17.126.73:16386    Dst   : 11.17.126.42:16384
Latency  Avg : 1                    Period : 0

Statistics          Left           Center           Right           Aux
Tx Bytes            7655120        7655283         7655114         0
Tx Packets          45839         45840           45840           0
Rx Bytes            7491593        7582158         7467858         0
Rx Packets          45131         45678           44988           0
Rx Packets Lost     45             65              13              0

-- Video --
IP Addr  Src : 11.17.126.73:16386    Dst   : 11.17.126.42:16384
Latency  Avg : 1                    Period : 0

Statistics          Left           Center           Right           Aux
Tx Bytes            216305260      196115964       288648018       0
Tx Packets          221717         198464           290134          0
Rx Bytes            219270020      223672084       152227219       0
Rx Packets          205040         208662           158232          0
Rx Packets Lost     5069           6798             914             0

-- Audio Add-in --
IP Addr  Src : 11.17.126.73:16386    Dst   : 0.0.0.0:0
Latency  Avg : 1                    Period : 0
```

Statistics	Left	Center	Right	Aux
Tx Bytes		0		
Tx Packets		0		
Rx Bytes		0		
Rx Packets		0		
Rx Packets Lost		0		

Related Commands

Command	Description
show call statistics addin	Displays audio-addin statistics of the call.
show call statistics audio	Displays audio statistics of the call.
show call statistics video	Displays video statistics of the call.

show call statistics audio

show call statistics audio [detail | page]

Syntax Description	detail	Optional. Displays detailed call statistics.
	page	Optional. Pages through the output.

Command Default No default behavior or values.

Command History	Release	Modifications
	1.2	The command was introduced.

Usage Guidelines Use this command to retrieve the audio statistics of the call.

Examples

```
admin:show call statistics audio
      Call Statistics
Registered to Cisco Unified Call Manager : Yes
Call in Progress      : Yes

Call Type      : Audio/Video Call   Call Start Time: Jul 12 11:40:35 2007
Duration (sec) : 53                 Direction      : Outgoing
Local Number   : 12345              Remote Number  : 23456
State          : Answered           Bit Rate       : 4000000 bps,1080p

-- Audio --
IP Addr  Src : 11.17.126.73:16386    Dst   : 11.17.126.42:16384
Latency  Avg : 1                    Period : 0

Statistics          Left           Center           Right           Aux
Tx Bytes            7655120        7655283         7655114         0
Tx Packets          45839          45840           45840           0
Rx Bytes            7491593        7582158         7467858         0
Rx Packets          45131          45678           44988           0
Rx Packets Lost     2              3               1               0
```

Related Commands	Command	Description
	show call statistics addin	Displays audio-addin statistics of the call.
	show call statistics all	Displays all the statistics of the call.
	show call statistics video	Displays video statistics of the call.

show call statistics bfcf

show call statistics bfcf

Syntax Description This command has no arguments or keywords.

Command Default No default behavior or values.

Release	Modifications
IX 8.0.2.2	This command was introduced.

Usage Guidelines Use this command to check BFCF presentation statistics in a call.

Examples

```

admin:show call statistics bfcf
      Call Statistics
Registered to Cisco Unified Communications Manager : Yes
Call Connected          : No

      -- BFCF --
IP Addr      Src : :0          Dst      : :0
Jitter      Period : 0
Latency     Avg : 0          Period : 0
Currently Active : No

Statistics
Tx Media Type          Presentation (1 or 5 FPS)          Presentation (30FPS)
Tx Frames Per Second   N/A                      0
Tx Bytes               0                      0
Tx Bit Rate Per Call   0                      0
Tx Bit Rate Per Period 0                      0
Tx Packets            0                      0
Rx Media Type          N/A                      N/A
Rx Frames Per Second   0                      0
Rx Bytes              0                      0
Rx Bit Rate Per Call   0                      0
Rx Bit Rate Per Period 0                      0
Rx Packets            0                      0
Rx Packets Lost       0                      0

```

Related Commands	Command	Description
	show call statistics addin	Displays audio-addin statistics of the call.
	show call statistics all	Displays all the statistics of the call.

Command	Description
show call statistics audio	Displays audio statistics of the call.
show call statistics video	Displays video statistics of the call.

show call statistics video

show call statistics video [detail | page]

Syntax Description	detail	Optional. Displays detailed call statistics.
	page	Optional. Pages through the output.

Command Default No default behavior or values.

Command History	Release	Modifications
	1.2	The command was introduced.

Usage Guidelines Use this command to retrieve the video statistics of the call.

Examples

```
admin:show call statistics video
```

```

Call Statistics
Registered to Cisco Unified Call Manager : Yes
Call in Progress      : Yes

Call Type           : Audio/Video Call   Call Start Time: Jul 12 11:40:35 2007
Duration (sec)     : 49                  Direction       : Outgoing
Local Number       : 12345                Remote Number  : 23456
State              : Answered             Bit Rate       : 4000000 bps,1080p

```

```

-- Video --
IP Addr  Src : 11.17.126.73:16388      Dst   : 11.17.126.42:16388
Latency  Avg : 0                      Period : 0

```

Statistics	Left	Center	Right	Aux
Tx Bytes	216305260	196115964	288648018	0
Tx Packets	221717	198464	290134	0
Rx Bytes	219270020	223672084	152227219	0
Rx Packets	205040	208662	158232	0
Rx Packets Lost	5	6	4	0

Related Commands	Command	Description
	show call statistics addin	Displays audio-addin statistics of the call.
	show call statistics all	Displays all the statistics of the call.
	show call statistics audio	Displays audio statistics of the call.

show call status

show call status

Syntax Description This command has no arguments or keywords.

Command Default No default behavior or values.

Command History	Release	Modification
	1.2	This command was introduced.
	TX 6.0 and CTS 1.10	The Call Id output was added.

Usage Guidelines Use this command to retrieve the status of the call and the caller ID.

Examples

```
admin:show call status
```

```

Call Status
Registered to Cisco Unified Communications Manager : Yes
Call Connected           : Yes

Call Type      : Audio/Video Call   Call Start Time   : Jan 24 10:28:10 2013
Duration (sec) : 139                Direction         : Outgoing
Local Number   : 81122701          Remote Number     : 81122704
State          : Answered           Actual Bit Rate   : 4000000 bps, 0x0
Security Level : Non-Secure         Negotiated Bit Rate: 4000000 bps
Call Id        : 2

Call Type      : Audio-Only Call    Call Start Time   : Jan 24 10:30:13 2013
Duration (sec) : 16                Direction         : Outgoing
Local Number   : 81122701          Remote Number     : 85250779
State          : Answered
Security Level : Non-Secure         Negotiated Bit Rate: 4000000 bps
Call Id        : 4

```

Related Commands	Command	Description
	set camera-zoom-step disable	Sets the document camera step zoom mode to disabled.
	set camera-zoom-step enable	Enables the camera zoom to be in stepped mode rather than being continuous.
	call end	Ends one of more endpoints in a call.

show camera status

show camera status

Syntax Description This command has no arguments or keywords.

Command Default No default behavior or values.

Command History	Release	Modifications
	IX 8.2.1	This command was introduced.

Usage Guidelines This command displays camera status information.

Examples

```
admin:show camera status
DP Status (1--1) vid_test_dp 0 (aux_idx: 701c8) (lnk_clk: 149.99)
-----
enbl pwr_stat lnk_bw cnt stat phy_stat msah msav w | pf hf pwr lock vres hres fps chg_cnt
-----|-----
 1 normal 5.4Gbps 4 7777 00f000ff 4096 2160 4 | 0 0 1 yes 3840 2160 60 1
-----
DP_SYMBOL_ERRORS: 0-0-0-0
```

show camera cablestatus

show camera cablestatus

Syntax Description This command has no arguments or keywords.

Command Default No default behavior or values.

Command History	Release	Modifications
	IX 8.2.1	This command was introduced.

Usage Guidelines This command displays camera cable status information.

Examples

```
admin:show camera cablestatus
Camera Cable Status: polling for sym_err_cnt values, at time Fri Jan 20 07:04:02 2017
  0: (00-00-00-00 3-3-3-3) err_cnt:  0  0  0  0      (totals:  0  0  0
0) (chg_cnt 1)
  1: (00-00-00-00 3-3-3-3) err_cnt:  0  0  0  0      (totals:  0  0  0
0) (chg_cnt 1)
.
totals: lane0:0 lane1:0 lane2:0 lane3:0 delta_chg_cnt:0 CABLE PASSED
```

show camera-sync-inhibit status

show camera-sync-inhibit status

Syntax Description This command has no arguments or keywords.

Command Default No default behavior or values.

Command History	Release	Modification
	1.7.0	This command was introduced.
	IX 8.0	Deprecated. This command does not exist in IX 8.0.

Usage Guidelines Shows the Camera Sync Inhibit support state.

Examples

```
admin:show camera-sync-inhibit status
```

The current state of the Camera Sync Inhibit: disabled

show camera-zoom-step status

`show camera-zoom-step status`

Syntax Description This command has no arguments or keywords.

Command Default No default behavior or values.

Command History	Release	Modification
	1.6.0	This command was introduced.
	IX 8.0	Deprecated. This command doesn't exist in IX 8.0.

Usage Guidelines Indicates whether the camera step zoom mode is enabled. The zoom can be continuous (default) or it can be zoomed in steps.



Note

A restart of the Telephone_Srvr is required for this to take effect.

Examples

```
admin:show camera-zoom-step status
```

The current state of the Document Camera step zoom mode is: enabled.

Related Commands

Command	Description
set camera-zoom-step disable	Sets the document camera step zoom mode to disabled.
set camera-zoom-step enable	Enables the camera zoom to be in stepped mode rather than being continuous.

show cdp interface

show cdp interface

Syntax Description This command has no arguments or keywords.

Command Default No default behavior or values.

Command History	Release	Modifications
	1.7.0	This command was introduced.

Usage Guidelines Use this command to display the CDP interface and configuration.

Examples

```
admin:show cdp interface

Interface: eth0
Sending CDP packets every 60 seconds
Holdtime is 180 seconds
```

Related Commands	Command	Description
	show cdp neighbors	Displays details about CDP neighbors.
	cdp-forward interface	Configures the egress interface for this ingress interface.
	show cdp-forward	Outputs the CDP Forwarding Table.
	show cdp-forward egress-interface	Outputs the contents of the CDP Forwarding Table pertaining to this egress interface

show cdp neighbors

`show cdp neighbors [detail]`

Syntax Description	<i>detail</i>	Optional. Displays detailed information.
---------------------------	---------------	--

Command Default	No default behavior or values.	
------------------------	--------------------------------	--

Command History	Release	Modifications
	1.7.0	This command was introduced.

Usage Guidelines	Use this command to display information about CDP neighbors entries.
-------------------------	--

Examples

```
admin:show cdp neighbors
```

```
Device ID Capability Platform Port ID
-----
sjc18-tsbu-gw.cisco.com 41 cisco WS-C6506-E GigabitEthernet6/15
SEP001EF7C35814 1168 Cisco IP Phone 7971 Port 1
```

Related Commands	Command	Description
	show cdp interface	Displays the CDP interface.
	cdp-forward interface	Configures the egress interface for this ingress interface.
	show cdp-forward	Outputs the CDP Forwarding Table.
	show cdp-forward egress-interface	Outputs the contents of the CDP Forwarding Table pertaining to this egress interface

show cdp status

show cdp status

Syntax Description This command has no arguments or keywords.

Command Default No default behavior or values.

Command History	Release	Modifications
	IX 8.1.0	This command was introduced.

Usage Guidelines Use this command to show whether CDP is enabled or disabled.

Examples

```
admin:show cdp status
```

CDP is currently enabled.

show cert lsc

show cert lsc

Syntax Description This command has no arguments or keywords.

Command Default No default behavior or values.

Command History	Release	Modifications
	1.2	This command was introduced.

Usage Guidelines Use this command to display the contents of the Locally Significant Certificate (LSC).

Examples

```
admin:show cert lsc

Certificate:
Data:
Version: 3 (0x2)
Serial Number: 4 (0x4)
Signature Algorithm: sha1WithRSAEncryption
Issuer: O=Cisco, ST=CA, L=San Jose, C=US, CN=CAPF-113c2418, OU=TSBU
Validity
Not Before: Sep 3 18:27:19 2010 GMT
Not After : Sep 2 18:27:18 2015 GMT
Subject: C=US, O=Cisco, OU=TSBU, CN=SEP001DA238A88D
Subject Public Key Info:
Public Key Algorithm: rsaEncryption
RSA Public Key: (1024 bit)
Modulus (1024 bit):
00:cd:28:f9:51:f1:83:73:11:fb:24:57:e1:a7:5b:
da:18:e1:2a:e2:99:e1:0a:e0:e2:fe:db:96:a9:41:
4e:94:01:d3:d7:23:bb:48:a1:f8:46:89:7c:b1:16:
b5:55:cb:d1:af:cc:c5:87:80:db:e8:41:66:78:0b:
fc:cf:4a:23:30:18:6c:4d:12:d4:ed:dc:c2:81:b2:
96:83:74:0c:69:ae:c7:21:37:90:6c:32:32:db:b6:
ce:22:3d:b3:13:8a:66:ec:b7:a2:e7:e6:83:8f:7d:
4b:f3:58:2b:c4:ea:e7:bc:d1:1e:43:62:94:12:93:
ba:26:c6:a8:ad:0c:1b:83:c5
Exponent: 65537 (0x10001)
X509v3 extensions:
X509v3 Key Usage: critical
Digital Signature
X509v3 Extended Key Usage:
TLS Web Server Authentication, TLS Web Client Authentication, IPsec End System
Signature Algorithm: sha1WithRSAEncryption
47:6d:8b:0d:7a:8c:51:70:1c:5e:cf:d8:27:4e:be:82:bf:4b:
9f:96:21:07:63:ee:d1:7e:31:eb:37:85:6f:dc:af:29:fa:55:
f2:f4:f0:ef:89:80:0e:4a:f4:b5:12:71:55:6f:eb:bf:38:c8:
4b:66:61:05:a6:8b:ff:a9:03:48:87:d5:aa:fb:01:41:37:50:
e2:50:d2:c8:da:a1:0b:a6:2c:8b:68:15:78:9c:1c:30:f0:80:
```

```

49:ae:2e:b9:e3:dc:0e:d5:4f:13:3b:74:dc:a0:8c:ff:c9:2e:
a7:b2:87:56:34:99:db:60:a6:ba:4a:c3:6e:e5:b8:6a:d6:5c:
07:cf
SHA1 Fingerprint=A1:99:3A:59:21:D6:2C:89:6B:8D:FA:28:D4:6D:AC:3E:63:EE:11:1A
-----BEGIN CERTIFICATE-----
MIICWzCCAcSgAwIBAgIBBDANBgkqhkiG9w0BAQUFADBkMQ4wDAYDVQQKEwVDaXNj
bzELMAkGA1UECBMCQ0ExETAPBgNVBACtCFNhb3N1MQswCQYDVQQGEwJVUzEW
MBQGA1UEAxMNQ0FQRi0xMTNjMjQxODENMAsGA1UECzMVFNcVtAeFw0xMDA5MMDMx
ODI3MTlaFw0xNTA5MDIxODI3MThaMEYxCzAJBgNVBAYTA1VTMQ4wDAYDVQQKEwVd
aXNjbzENMAsGA1UECzMVFNcVtEYmBYGA1UEAxMPU0VQMDAxREEyMzhBODhEMIGf
MA0GCSqGSIb3DQEBAQUAA4GNADCBiQKBgQDNKPlR8YNzEfskV+GnW9oY4SrimeEK
4OL+25apQU6UAdPXI7tIofhGiXyxFrVVy9GvzMWHgNvoQWZ4C/zPSiMwGGxNEtTt
3MKBspaDdAxprschN5BsMjLbts4iPbMTimbst6Ln5oOPfUvzWCvE6ue80R5DYpQS
k7omxqitDBuDxQIDAQABozswOTAOBgNVHQ8BAf8EBAMCB4AwJwYDVR01BCAwHgYI
KwYBBQUHAWEGCCsGAQUFBwMCBggrBgEFBQcDBTANBgkqhkiG9w0BAQUFAA0BgQBH
bYsNeoxRcBxez9gnTr6Cv0uflieHY+7RfjHrN4Vv3K8p+lXy9PDviYAOSvS1EnFV
b+u/OMhLZmEFpov/qQNIh9Wq+wFBN1DiUNLI2qELpiyLaBV4nBww8IBJri6549w0
1U8TO3TcoIz/yS6nsodWNJnbyKa6SsNu5bhq1lwHzw==
-----END CERTIFICATE-----
admin:

```

Related Commands

Command	Description
show cert mic	Displays the contents of the Manufacturing Installed Certificate (MIC).
show cert web	Displays the contents of the Web Interface Certificate.

show cert mic

show cert mic

Syntax Description This command has no arguments or keywords.

Command Default No default behavior or values.

Command History	Release	Modification
	1.2	The command was introduced.

Usage Guidelines Use this command to display the contents of the Manufacturing Installed Certificate (MIC).

Examples

```
admin:show cert mic
```

```
Certificate:
```

```
Data:
```

```
Version: 3 (0x2)
Serial Number:
    70:54:8f:23:00:00:00:12:4f:d9
Signature Algorithm: sha1WithRSAEncryption
Issuer: O=Cisco Systems, CN=Cisco Manufacturing CA
Validity
    Not Before: Mar 17 12:59:06 2007 GMT
    Not After : Mar 17 13:09:06 2017 GMT
Subject: CN=CTS-CODEC-PRIM-SEP0019AA043ABF
Subject Public Key Info:
    Public Key Algorithm: rsaEncryption
    RSA Public Key: (1024 bit)
        Modulus (1024 bit):
            00:a3:b0:d8:a3:4b:0a:e1:85:13:a9:78:d4:3f:24:
            c8:52:0f:11:f9:f2:bf:19:2b:9b:84:85:5e:0c:fd:
            ee:86:43:06:7b:64:54:1d:05:5a:27:d3:95:1f:d5:
            bb:c4:01:e8:b0:24:2a:6a:86:53:cb:85:b7:d4:70:
            84:63:c1:92:1b:3e:cd:d9:21:29:1b:36:4c:2f:03:
            8f:ad:6f:a9:94:2f:88:0a:d3:19:6a:1d:75:e3:f2:
            9f:19:5e:dd:c8:fc:54:d6:01:2a:73:f6:3c:9d:3e:
            74:74:72:a1:cc:30:f2:7d:d9:38:f3:4a:6b:f6:52:
            f0:20:0a:6e:7e:1f:a5:a4:49
        Exponent: 65537 (0x10001)
X509v3 extensions:
    X509v3 Key Usage: critical
        Digital Signature, Key Encipherment
    X509v3 Subject Alternative Name:
        email:test@cisco.com
    X509v3 Subject Key Identifier:
        2A:AA:EF:DC:4C:A9:47:44:F2:43:8F:AE:FF:7B:8C:B1:A5:C9:04:FF
    X509v3 Authority Key Identifier:
        keyid:D0:C5:22:36:AB:4F:46:60:EC:AE:05:91:C7:DC:5A:D1:B0:47:F7:6C
```

```

X509v3 CRL Distribution Points:
  URI:http://www.cisco.com/security/crl/cmca.crl

Authority Information Access:
  CA Issuers - URI:http://www.cisco.com/security/certs/cmca.cer

1.3.6.2.4.1.311.20.2:
  .0.I.P.S.E.C.I.n.t.e.r.m.e.d.i.a.t.e.O.f.f.l.i.n.e
Signature Algorithm: sha1WithRSAEncryption
  83:26:d7:c5:0f:f9:04:40:d5:e5:42:fe:dc:86:95:3d:af:99:
  da:92:f1:c1:fc:8c:31:9f:8d:1e:8b:75:e2:f3:61:e9:9c:5f:
  0d:93:00:80:75:05:ff:5c:d5:ad:14:cc:bf:ea:1e:79:a0:b1:
  b9:43:32:7e:2a:bb:fa:7b:89:47:7a:46:2d:db:20:13:6f:dd:
  26:de:21:6f:6c:7c:a5:26:1f:fb:15:ef:df:48:ca:9f:e3:1c:
  25:b2:39:1a:f4:ba:a7:a5:a5:26:90:bb:28:d3:d6:7b:bd:e5:
  5f:49:e8:39:6a:39:8f:97:18:3b:fe:fd:71:50:72:8b:e5:c8:
  a5:98:a3:f3:df:4b:da:2e:46:d5:9d:62:41:19:9e:09:bd:8f:
  61:04:ed:1f:0d:0d:d5:e2:64:ae:c0:fe:ab:a8:f3:c4:1b:a9:
  d3:3f:7e:41:35:c6:e9:1b:ec:79:7b:42:e4:a5:49:2f:e9:f6:
  71:79:8c:e2:67:7c:df:67:60:eb:3b:12:2a:49:66:68:46:b8:
  b7:0b:c8:da:29:8d:31:2c:86:38:07:43:89:9a:bc:60:ab:46:
  cf:d0:5f:5f:25:4f:ca:60:de:0b:9e:42:b1:aa:7f:2c:1f:17:
  dd:0a:5f:ca:6c:eb:28:95:b1:26:07:81:5b:31:76:e9:8d:44:
  af:16:22:d1
SHA1 Fingerprint=6D:B6:56:A9:EA:07:5C:A8:92:5D:59:D9:F0:BA:E2:CC:F7:60:45:4E
-----BEGIN CERTIFICATE-----
MIIDmzCCAorgAwIBAgIKcFSPiWAAABFP2TANBgkqhkiG9w0BAQUFADA5MRYwFAFD
VQQKEw1DaXNjbyBTeXN0ZW1zMR8wHQYDVQDExZDAxNjbyBNYw51ZmFjdHVyaW5n
IENBMB4XDTA3MDMxNzEyNTkwNlloXDTE3MDMxNzEzMDkwNlloKTEnMCUGA1UEAxMe
Q1RTLUNPREVDLVBSSU0tU0VQMDAxOUFBMDQzQUJGMIGfMA0GCSqGSIb3DQEBAQUA
A4GNADCBiQKBgQCjsNmjSwrhRopeNQ/JMhSDxH58r8ZK5uEhV4M/e6GQwZ7ZFQ
BVon05Uf1bvEAeiwJCpqh1PLhbfUcIRjwZiBPs3ZISkbNkvwA4+tb6mUL4gK0x1q
HXXj8p8Zxt3I/FTWASpz9jydPnR0cqHMMPJ92TjzSmv2UvAgCm5+H6WksQIDAQAB
o4IBNzCCATMwDgYDVR0PAQH/BAQDAgWgMBkGA1UdeEQQSMBCBDRlc3RAY2l1zY28u
Y29tMB0GA1UdDgQWBQqqu/cXK1HRPJDj67/e4yxpcKE/zAfBgNVHSMEGDAWgBTQ
xSImq09GYOyuBZHH3FrRsef3bDA7BgNVHR8ENDAYMDcGLqAshipodHRwOi8vd3d3
LmNpc2NvLmNvbS9zZW51cm10eS9jcmwvY21jYS5jcmwvSAYIKwYBBQUHAQEEDPA6
MDgGCCsGAQUFBzAChixodHRwOi8vd3d3LmNpc2NvLmNvbS9zZW51cm10eS9jZXJ0
cy9jbWNhLmNlcjA/BgkrBgEEAYI3FAIEMh4wAEkAUABTAEUAQwBJAG4AdAB1AHIA
bQB1AGQAaQBhAHQAZQBPAgYAZgBsAGkAbgBlMA0GCSqGSIb3DQEBBQUAA4IBAQCd
Jte1D/kEQNX1Qv7chpU9r5nakvHB/Iwxn40ei3Xi82HpnF8NkwCAQX/XNWtFMY/
6h55oLG5QzJ+Krv6e41HekYt2yATb90m3iFvbHylJh/7Fe/fSMqf4xwlsjka9Lqn
paUmkLso09Z7veVfSeg5ajmPlxg7/v1xUHKL5cilmKPz30vaLkbVnWJBGZ4JvY9h
BO0fDQ3V4mSuwP6rqPPEG6nTP35BNcbpG+x5e0LkpUkv6fZxeYziZ3zfZ2DrOxIq
SWZoRri3C8jaKY0xLIY4B00Jmrxgq0bP0F9fJU/KYN4LnkKxqn8sHxfdC1/KbOso
lbEmB4FbMXbpjUSvfiLR
-----END CERTIFICATE-----

```

Related Commands

Command	Description
show cert lsc	Displays the contents of the Locally Significant Certificate (LSC).
show cert mic-ca	Displays the contents of the MIC CA Certificate
show cert web	Displays the contents of the Web Interface Certificate.

show cert mic-ca

show cert mic-ca

Syntax Description This command has no arguments or keywords.

Command Default No default behavior or values.

Command History	Release	Modification
	IX 8.1.0	The command was introduced.

Usage Guidelines Use this command to check content of SUDI MIC CA certificates.

Examples

```
admin:show cert mic-ca
Certificate:
  Data:
    Version: 3 (0x2)
    Serial Number:
      61:09:6e:7d:00:00:00:00:00:0c
    Signature Algorithm: sha1WithRSAEncryption
    Issuer: O=Cisco Systems, CN=Cisco Root CA 2048
    Validity
      Not Before: Jun 30 17:56:57 2011 GMT
      Not After : May 14 20:25:42 2029 GMT
    Subject: O=Cisco, CN=ACT2 SUDI CA
    Subject Public Key Info:
      Public Key Algorithm: rsaEncryption
      Public-Key: (2048 bit)
      Modulus:
        00:d2:6e:65:dd:31:c8:c4:0f:6d:37:f8:52:e6:a4:
        7f:e9:46:51:a5:d7:7e:f5:a1:36:25:b1:64:36:38:
        6d:ea:07:c7:29:de:3b:ec:09:12:e5:70:2d:52:ce:
        68:c4:36:15:b7:fc:c4:6e:c9:59:ab:7f:8b:47:aa:
        ab:a8:a2:90:56:ee:89:62:f1:f4:e5:46:0b:06:a0:
        a3:df:cb:3b:e8:d2:e4:e7:7f:74:e5:6c:e9:f6:94:
        5c:99:10:8f:b9:7f:9a:ea:d1:c5:fe:a4:6e:3a:22:
        78:e2:67:5e:0d:86:68:de:a3:c2:a7:1c:e9:ad:62:
        43:3d:c9:4c:e2:26:0a:1e:e9:8c:40:ca:a6:82:68:
        3e:c6:08:47:22:8a:16:4b:cd:01:39:c7:62:ca:71:
        1b:78:fe:6b:67:ba:91:b9:ec:0a:32:99:75:4e:22:
        37:59:d0:4d:8d:98:e7:a5:f8:e0:eb:a1:7e:3f:84:
        9a:0e:41:9b:05:77:46:8f:5d:e8:55:e1:7e:13:21:
        56:2e:b1:63:8f:de:df:2f:6f:bc:a1:ab:95:e3:74:
        2b:be:77:f7:77:f1:9f:a9:78:fb:7b:0f:b3:fe:c5:
        e5:5e:d1:0e:8d:25:c9:51:1b:32:30:48:f9:dd:17:
        5d:f6:d2:70:1e:4c:bc:9d:e6:a9:b3:34:be:af:e9:
        1d:55
      Exponent: 65537 (0x10001)
    X509v3 extensions:
      X509v3 Key Usage:
```

```

    Digital Signature, Non Repudiation, Certificate Sign, CRL Sign
X509v3 Subject Key Identifier:
    48:D8:F1:F1:C2:70:D5:5B:BB:7C:73:09:93:AF:B8:B8:30:03:F8:7F
X509v3 Authority Key Identifier:
    keyid:27:F3:C8:15:1E:6E:9A:02:09:16:AD:2B:A0:89:60:5F:DA:7B:2F:AA

X509v3 CRL Distribution Points:

    Full Name:
      URI:http://www.cisco.com/security/pki/crl/crca2048.crl

    Authority Information Access:
      CA Issuers - URI:http://www.cisco.com/security/pki/certs/crca2048.cer

X509v3 Certificate Policies:
    Policy: 1.3.6.1.4.1.9.21.1.12.0
      CPS: http://www.cisco.com/security/pki/policies/index.html

X509v3 Basic Constraints: critical
    CA:TRUE, pathlen:0
Signature Algorithm: sha1WithRSAEncryption
    68:75:a9:c9:6b:f6:dc:78:87:35:a0:0c:44:66:df:bd:72:7a:
    e1:26:a9:c2:1f:8b:d6:fd:f8:66:cc:48:96:e2:64:77:3f:09:
    c0:a5:d2:52:6e:d1:af:73:4d:70:3d:c3:8e:c7:f7:fb:7a:95:
    e7:6e:1b:16:f8:59:e2:f1:73:00:a2:52:0b:c5:b4:26:b9:d4:
    89:25:b7:c9:cd:6d:c2:98:ff:87:70:d5:ec:7e:ed:a9:80:4d:
    44:0e:e1:08:20:20:4e:bb:c1:52:0f:bb:a6:e0:00:4d:c9:6b:
    f9:d1:4b:7c:4a:61:29:e3:f0:7e:53:7a:18:a6:05:2b:fa:4c:
    40:a2:8b:98:d4:84:e5:ab:c8:02:b8:75:5a:3c:84:28:e4:8c:
    49:33:bb:7b:9f:05:32:5a:a6:7b:fc:f6:0f:4e:13:e1:f7:54:
    a3:38:2f:ef:ca:76:45:0e:fb:9d:9d:8c:52:a7:87:29:78:ed:
    de:dc:65:1e:03:63:82:c8:b8:53:36:3f:50:2c:f1:8c:a3:ce:
    83:69:2b:fb:ab:49:12:35:e1:67:48:96:99:51:d6:71:fb:28:
    d0:e5:e7:ad:7c:c9:f5:4f:d0:81:49:64:11:ab:a2:80:91:06:
    33:92:c0:5b:fc:72:95:82:6e:65:9d:3d:a0:90:4f:69:f0:22:
    34:df:63:c7
SHA1 Fingerprint=F6:96:9B:BD:48:E5:F6:12:5B:93:4D:01:E7:1F:E9:C2:7C:6F:54:7E
-----BEGIN CERTIFICATE-----
MIIEPDCAYsGAWIBAgIKYQ1ufQAAAAAADANBgkqhkiG9w0BAQUFADA1MRyWfAYD
VQQKEw1DaXNjbyBTeXN0ZW1zMRswGQYDVQQDExJDaXNjbyBSb290IENBIDwNDGw
HhcNMTEwNjMwMTc1NjU3WhcNMjkwNTEOMjAyNTQyWjAnMQ4wDAYDVQQKEwVDAXNj
bzEVMBMGA1UEAxMQUm51M3RlIHRlbnRvbnR5S5qR/6UZRpdd+9aE2JbFkNjht6gfHKd477Aks
5XAtUs5oxDYVt/zEbs1Zq3+LR6qrqKKQVu6JYvH05UYLBqCj38s76NLk53905Wzp
9pRcmRCPuX+a6tHF/qRuOiJ44mdeDYZo3qPCpxzprWJDPclM4iYKHuMMQmgmg+
xghHIOoWS80BOcdiynEbeP5rZ7qRuewKmpl1TiI3WdBNjZjnpfjg66F+P4SaDkGb
BXdGj13oVeF+EyFWLrFjj97fL2+8oauV43Qrvnf3d/GfQXj7ew+z/sXlXtEOjSXJ
URsyMEj53Rdd9tJwHky8neapszS+r+kdVQIDAQABo4IBWjCCAVYwCwYDVR0PBAQD
AgHGMB0GA1UdDgQWBRI2PHxwnDVW7t8cwmTr7i4MAP4fzAfBgNVHSMEGDAWgBQn
88gVHm6aAgkWrSugiWBf2nsvqjBDBgNVHR8EPDA6MDIqNqA0hjJodHRwOi8vd3d3d3
LmNpc2NvLmNvbS9zZW51cm10eS9wa2kvY3JsL2NyY2EyMDQ4LmNybDBQBggrBgEF
BQcBAQREMEIwQAYIKwYBBQUHMAKGh0dHA6Ly93d3cuY2l2Y28uY29tL3N1Y3Vy
aXR5L3BraS9w2xpY2llcy9pbmRleC5odG1sMBIGA1UdEwEB/wQIMAYBAf8CAQAwDQYJ
KoZlhcNAQEFBQADggEBAGh1qc1r9tx4hzWgDERm37lyeuEmqcIfi9b9+GbMSJbi
ZHc/CcCl0lJu0a9zTXA9w47H9/t61eduGxb4WeLxcwCiUgvFtCa51Ik1t8nNbcKY
/4dw1ex+7amATUQO4QggIE67wVIPu6bgAE3Ja/nRS3xKYSnj8H5TehimBSv6TECi
i5jUhOWryAK4dVo8hCjkjEkzu3ufBTJapnv89g90E+H3VKM4L+/KdkUO+52djFkn
hy147d7cZR4DY4LIuFM2P1As8YyjoNpK/urSRI14WdIlplR1nH7KND15618yFVP
0IFJZBGrooCRBjOSwFv8cpWcbmWdPaCQT2nwIjTfy8c=
-----END CERTIFICATE-----
Certificate:
    Data:

```

```

Version: 3 (0x2)
Serial Number:
    5f:f8:7b:28:2b:54:dc:8d:42:a3:15:b5:68:c9:ad:ff
Signature Algorithm: sha1WithRSAEncryption
Issuer: O=Cisco Systems, CN=Cisco Root CA 2048
Validity
    Not Before: May 14 20:17:12 2004 GMT
    Not After : May 14 20:25:42 2029 GMT
Subject: O=Cisco Systems, CN=Cisco Root CA 2048
Subject Public Key Info:
    Public Key Algorithm: rsaEncryption
    Public-Key: (2048 bit)
    Modulus:
        00:b0:9a:b9:ab:a7:af:0a:77:a7:e2:71:b6:b4:66:
        62:94:78:88:47:c6:62:55:84:40:32:bf:c0:ab:2e:
        a5:1c:71:d6:bc:6e:7b:a8:aa:ba:6e:d2:15:88:48:
        45:9d:a2:fc:83:d0:cc:b9:8c:e0:26:68:70:4a:78:
        df:21:17:9e:f4:61:05:c9:15:c8:cf:16:da:35:61:
        89:94:43:a8:84:a8:31:98:78:9b:b9:4e:6f:2c:53:
        12:6c:cd:1d:ad:2b:24:bb:31:c4:2b:ff:83:44:6f:
        b6:3d:24:77:09:ea:bf:2a:a8:1f:6a:56:f6:20:0f:
        11:54:97:81:75:a7:25:ce:59:6a:82:65:ef:b7:ea:
        e7:e2:8d:75:8b:6e:f2:dd:4f:a6:5e:62:9c:cf:10:
        0a:64:d0:4e:6d:ce:2b:cc:5b:f5:60:a5:27:47:8d:
        69:f4:7f:ce:1b:70:de:70:1b:20:d6:6e:cd:a6:01:
        a8:3c:12:d2:a9:3f:a0:6b:5e:bb:8e:20:8b:7a:91:
        e3:b5:68:ee:a0:e7:c4:01:74:a8:53:0b:2b:4a:9a:
        0f:65:12:0e:82:4d:8e:63:fd:ef:eb:9b:1a:db:53:
        a6:13:60:af:c2:7d:d7:c7:6c:17:25:d4:73:fb:47:
        64:50:81:80:94:4c:e1:bf:ae:4b:1c:df:92:ed:2e:
        05:df
    Exponent: 3 (0x3)
X509v3 extensions:
    X509v3 Key Usage:
        Digital Signature, Certificate Sign, CRL Sign
    X509v3 Basic Constraints: critical
        CA:TRUE
    X509v3 Subject Key Identifier:
        27:F3:C8:15:1E:6E:9A:02:09:16:AD:2B:A0:89:60:5F:DA:7B:2F:AA
        1.3.6.1.4.1.311.21.1:
        ...
Signature Algorithm: sha1WithRSAEncryption
    9d:9d:84:84:a3:41:a9:7c:77:0c:b7:53:ca:4e:44:50:62:ef:
    54:7c:d3:75:17:1c:e8:e0:c6:48:4b:b6:fe:4c:3a:19:81:56:
    b0:56:ee:19:96:62:aa:5a:a3:64:c1:f6:4e:54:33:c6:77:fe:
    c5:1c:ba:e5:5d:25:ca:f5:f0:93:9a:83:11:2e:e6:cb:f8:74:
    45:fe:e7:05:b8:ab:e7:df:cb:4b:e1:37:84:da:b9:8b:97:70:
    1e:f0:e2:8b:d7:b0:d8:0e:9d:b1:69:d6:2a:91:7b:a9:49:4f:
    7e:e6:8e:95:d8:83:27:3c:d5:68:49:0e:d4:9d:f6:2e:eb:a7:
    be:eb:30:a4:ac:1f:44:fc:95:ab:33:06:fb:7d:60:0a:de:b4:
    8a:63:b0:9c:a9:f2:a4:b9:53:01:87:d0:68:a4:27:7f:ab:ff:
    e9:fa:c9:40:38:88:67:b4:39:c6:84:6f:57:c9:53:db:ba:8e:
    ee:c0:43:b2:f8:09:83:6e:ff:66:cf:3e:ef:17:b3:58:18:25:
    09:34:5e:e3:cb:d6:14:b6:ec:f2:92:6f:74:e4:2f:81:2a:d5:
    92:91:e0:e0:97:3c:32:68:05:85:4b:d1:f7:57:e2:52:1d:93:
    1a:54:9f:05:70:c0:4a:71:60:1e:43:0b:60:1e:fe:a3:ce:81:
    19:e1:0b:35
SHA1 Fingerprint=DE:99:0C:ED:99:E0:43:1F:60:ED:C3:93:7E:7C:D5:BF:0E:D9:E5:FA
-----BEGIN CERTIFICATE-----
MIIDQzCCAiugAwIBAgIQX/h7KctU3I1CoxW1aMmt/zANBgkqhkiG9w0BAQUFADA1
MRYwFAYDVQQKEw1DaXNjbyBTeXN0ZW1zMRswGQYDVQQDEkJDaXNjbyBSb290IENB
IDIwNDgwHhcnMDQwNTEOMjAxNzEyWhcnMjkwNTEOMjAyNTQyWjA1MRwWFAyDVQQK
Ew1DaXNjbyBTeXN0ZW1zMRswGQYDVQQDEkJDaXNjbyBSb290IENBIDIwNDgwggEg
MA0GCSqGSIb3DQEBAQUAA4IBDQAwggEIAoIBAQCwrmrmp68Kd6ficba0ZmKUeIhH

```



```

xmJVhEAYv8CrLqUccda8bnuoqrpu0hWlSEWdovyD0My5j0AmaHBKeN8hF570YQXJ
FcjPFto1YYmUQ6iEqDGYeJu5Tm8sUxJsZr2tKyS7McQr/4NEb7Y9JHcJ6r8qqB9q
VvYgDxFU14F1pyXOWWqCZe+36ufijXWLBvLdT6ZeYpzPEApk0E5tzivMW/VgpSdH
jWn0f84bcN5wGyDWbs2mAag8EtKpP6BrXruOIIt6ke01a06g58QBdKhTCytKmg91
Eg6CTY5j/e/rmxrbU6YTYK/CfdfHbBcl1HP7R2RQgYCUTOG/rksc35LTLgXfAgED
o1EwTzALBgNVHQ8EBAMCAYYwDwYDVR0TAQH/BAUwAwEB/zAdBgNVHQ4EFgQUUJ/PI
FR5umgIJFq0roIlgX9p7L6owEAYJKwYBBAGCNxUBBAMCAQAwDQYJKoZIhvcNAQEF
BQADggEBAJ2dhISjQa18dwy3U8pORFbi71R803UXHOjgkxkLtv5MOhmBvrbW7hmW
Yqpao2TB9k5UM8Z3/sUcuuVdJcr18JOagxEu5sv4dEX+5wW4q+ffY0vhN4TauYuX
cB7w4ovXsNgOnbFp1iqRe6lJT37mjpXYgyc81WhJDtSd9i7rp77rMKSsH0T81asz
Bvt9YAretIpjsJyp8qS5UwGH0GikJ3+r/+n6yUA4iGe0OcaEb1fJU9u6ju7AQ7L4
CYNu/2bPPu8Xs1gYJQk0XuPL1hS27PKSb3TkL4Eq1ZKR4OCXPDJoBYVL0fdX41Id
kxpUnwVvwEpxYB5DC2Ae/qPOgRnhCzU=
-----END CERTIFICATE-----

```

Related Commands

Command	Description
show cert lsc	Displays the contents of the Locally Significant Certificate (LSC).
show cert mic	Displays the contents of the MIC Certificate
show cert web	Displays the contents of the Web Interface Certificate.

show cert web

show cert web

Syntax Description This command has no arguments or keywords.

Command Default No default behavior or values.

Command History	Release	Modification
	1.2	This command was introduced.

Usage Guidelines Use this command to display the contents of the Web Interface Certificate.

Examples

```
admin:show cert web
Certificate:
  Data:
    Version: 3 (0x2)
    Serial Number: 1 (0x1)
    Signature Algorithm: md5WithRSAEncryption
    Issuer: O=Cisco Systems Inc., OU=TSBU, CN=TelePresence-webadmin
    Validity
      Not Before: Jan  1 00:00:13 2006 GMT
      Not After : Jan  1 00:00:13 2026 GMT
    Subject: O=Cisco Systems Inc., OU=TSBU, CN=TelePresence-webadmin
    Subject Public Key Info:
      Public Key Algorithm: rsaEncryption
      RSA Public Key: (1024 bit)
        Modulus (1024 bit):
          00:97:37:5f:7c:7b:8b:af:5f:a0:5d:b7:4e:0d:37:
          cc:f5:f4:c1:28:4a:5b:13:ba:99:d3:df:c7:53:5d:
          87:10:01:c1:bb:d7:e6:c7:88:bd:dd:d5:2f:b5:08:
          e8:a3:42:6e:1f:3e:50:be:f8:2e:18:8d:1f:c0:0d:
          31:f2:c0:d2:b0:cf:9b:f9:ae:a3:19:80:75:56:df:
          98:9d:c5:3a:b4:65:43:71:33:bc:d3:15:30:10:21:
          d2:f0:d7:5c:00:68:8d:87:f1:35:28:14:e6:13:ae:
          a3:d5:fb:9d:bf:34:7d:a9:c2:cd:94:10:5e:ce:ea:
          86:84:41:ff:e4:ce:d6:77:79
        Exponent: 65537 (0x10001)
      Signature Algorithm: md5WithRSAEncryption
        09:c7:0f:df:fd:df:d0:0b:30:da:60:42:50:cc:4a:4f:f6:a1:
        19:61:3b:a2:9a:b2:5c:1b:ca:f6:80:28:9b:95:f6:12:da:48:
        fa:5e:d9:7a:de:98:1a:7b:b7:79:f7:5b:30:77:ac:d2:65:f7:
        29:40:10:4b:4f:d6:97:04:33:42:ae:17:48:36:cb:4e:b6:5f:
        d7:6b:fc:67:a1:72:2d:a8:c3:cd:44:3a:c8:22:e3:ae:e0:f2:
        05:f4:c8:81:37:73:42:0d:47:0d:9d:43:a1:9f:0a:b3:bb:50:
        00:0a:35:b0:9d:2d:3d:c8:76:69:00:24:9a:42:72:5c:e7:47:
        da:d6
    MD5 Fingerprint=4A:60:E5:98:FC:FF:F7:1B:FA:87:21:53:37:65:A1:6F
    -----BEGIN CERTIFICATE-----
    MIICDCCAXWgAwIBAgIBATANBgkqhkiG9w0BAQQFADBMMRswGQYDVQQKEExJDaXNj
```

```

byBTeXN0ZW1zIEluYy4xDtALBgNVBAStBFRTQ1UxHjAcBgNVBAMTFVR1bGVQcmVz
ZW5jZS13ZWJhZG1pbjAeFw0wNjAxMDEwMDAwMTNaFw0yNjAxMDEwMDAwMTNaMEwx
GzAZBgNVBAoTEkNpc2NvIFN5c3R1bXMgSW5jLjENMAsgA1UECxMEVFNVCVTEeMBwG
A1UEAxMVGsZVByZXN1bmNlLXd1YmFkbWluMIGfMA0GCsqGSIb3DQEBAQUAA4GN
ADCBiQKBgQCXN198e4uvX6Bdt04NN8z19MEoS1sTupnT38dTXycQAcG71+bHiL3d
1S+1COijQm4fP1C++C4YjR/ADThywNKwz5v5rcMZgHVW35idxTq0ZUNxM7zTFTAQ
IdLw11wAaI2H8TUoFOYTrqPV+52/NH2pws2UEF706oaEQf/kztZ3eQIDAQABMA0G
CSqGSIb3DQEBAUAA4GBAAnHD9/939ALMNpgQ1DMSk/2oRlh06KaslwbyvaAKJuV
9hLaSPpe2XremBp7t3n3WzB3rNJ19ylAEEtPlpcEM0KuF0g2y062X9dr/Gehci2o
w81EOsgI467g8gX0yIE3c0INRw2dQ6GfCrO7UAAKNbCdLT3IdmkAJJpCc1znR9rW
-----END CERTIFICATE-----

```

Related Commands

Command	Description
show cert lsc	Displays the contents of the Locally Significant Certificate (LSC).
show cert mic	Displays the contents of the Manufacturing Installed Certificate (MIC).

show config all

show config all [page]

Syntax Description	page	Optional. Pages through the output.
---------------------------	-------------	-------------------------------------

Command Default No default behavior or values.

Command History	Release	Modifications
	1.2	This command was introduced.
	IX 8.2.1	This command was modified to include configuration information about the Touch 10 device and switch information.

Usage Guidelines Use this command to retrieve the configuration information.

Examples

```
admin:show config all
```

```
Switch Config:
```

```
swfront is configured with proper IP 169.254.1.15 and MAC c4:72:95:01:69:c0
```

```

System Config
CCM Mode           : CCM
Model              : Cisco TelePresence IX5000
Type               : 6 seats
IP Address         : 10.107.195.115
Displays           : 3
Load Image         : IX.8-2-1-4D-K9.P3
Time Zone          : India Standard Time
Phone Number       : 33115
Web Access         : Enabled
Conference Room    :
Max Call Duration  : CUCM limit
Quality            : Highest Detail, Best Motion: 1080p
Main Display FPS   : 60 fps Main Display
Presentation FPS   : 30 fps Presentation
CTS Auto Answer    : Follow CUCM DN setting
Advertise G.722 Codec : Use System Default
External SYSLOG Address :
Alt CUCM Dir Addr  :
http://10.107.195.85/tms/public/external/phonebook/phonebookservice.asmx
Max Self View Time : 120
Enable Call Term Ring : Enabled
Live Support Number :
Ext CTS Log Address :
Ext CTS Log Protocol : scp
Ext CTS Log User    :
Ext CTS Log Period  : never
Ext CTS Log Start   :

```

```
Touch Config:
Touch#      IP          MAC
   1       169.254.1.101  88:43:e1:c5:f1:77  Established
```

Related Commands

Command	Description
show config phone	Displays phone configuration information.
show config system	Displays system configuration information.

show config phone

show config phone [page]

Syntax Description	page	Optional. Pages through the output.
---------------------------	-------------	-------------------------------------

Command Default No default behavior or values.

Command History	Release	Modifications
	1.2	This command was introduced.

Usage Guidelines Use this command to retrieve the phone configuration information.

Examples

```
admin:show config phone
      Phone Config
Phone Number       : 12500
Phone IP           : 10.00.00.100
Phone Connection   : Uplink
```

Related Commands	Command	Description
	show config all	Displays all configuration information.
	show config system	Displays system configuration information.

show config switch

show config switch [page]

Syntax Description	page	Optional. Pages through the output.
---------------------------	-------------	-------------------------------------

Command Default	No default behavior or values.	
------------------------	--------------------------------	--

Command History	Release	Modifications
	IX 8.2.1	This command was introduced.

Usage Guidelines	Use this command to display switch configuration information.
-------------------------	---

Examples	<pre>admin:show config switch swleft is configured properly with IP 169.254.1.17 and MAC c4:72:95:01:5e:c0 swright is configured properly with IP 169.254.1.16 and MAC c4:72:95:01:49:c0 swfront is configured properly with IP 169.254.1.15 and MAC c4:72:95:01:69:c0</pre>
-----------------	--

show config system

show config system [page]

Syntax Description	page	Optional. Pages through the output.
---------------------------	-------------	-------------------------------------

Command Default No default behavior or values.

Command History	Release	Modifications
	1.2	This command was introduced.
	IX 8.2.1	This command was modified to include additional display information.

Usage Guidelines Use this command to retrieve the system configuration information.

Examples

```
admin:show config system
```

```
System Config
CCM Mode           : CCM
Model              : Cisco TelePresence IX5000
Type               : 6 seats
IP Address         : 10.107.195.115
Displays           : 3
Load Image         : IX.8-2-1-4D-K9.P3
Time Zone          : India Standard Time
Phone Number       : 33115
Web Access         : Enabled
Conference Room    :
Max Call Duration  : CUCM limit
Quality            : Highest Detail, Best Motion: 1080p
Main Display FPS   : 60 fps Main Display
Presentation FPS    : 30 fps Presentation
CTS Auto Answer    : Follow CUCM DN setting
Advertise G.722 Codec : Use System Default
External SYSLOG Address :
Alt CUCM Dir Addr  :
http://10.107.195.85/tms/public/external/phonebook/phonebookservice.aspx
Max Self View Time : 120
Enable Call Term Ring : Enabled
Live Support Number :
Ext CTS Log Address :
Ext CTS Log Protocol : scp
Ext CTS Log User    :
Ext CTS Log Period  : never
Ext CTS Log Start   :
```


show config touch

show config touch [page]

Syntax Description

page	Optional. Pages through the output.
-------------	-------------------------------------

Command Default

No default behavior or values.

Command History

Release	Modifications
1.8	This command was introduced.
IX 8.2.1	This command was modified to include additional display information.

Usage Guidelines

Use this command to retrieve the Cisco TelePresence Touch 12 or Touch 10 configuration information.

Examples

```
admin:show config touch
```

```
Touch Config:
```

```
Touch#      IP           MAC           Established
  1         169.254.1.101 88:43:e1:c5:f1:77
```

show directory alternate

show directory alternate

Syntax Description This command has no arguments or keywords.

Command Default No default behavior or values.

Command History	Release	Modifications
	1.5	This command was introduced.
	1.8	This command was removed.

Usage Guidelines Use this command to display the configured alternate directory server. If none are defined, then the default Cisco Unified Communications Manager (Cisco Unified CM) directory server is used.

Examples `admin:show directory alternate`

show display diags

show display diags

Syntax Description This command has no arguments or keywords.

Command Default No default behavior or values.

Command History	Release	Modifications
	TX 6.0 and CTS 1.10	This command was introduced.

Usage Guidelines Use this command to return the diagnostics for the display.

Examples

```
admin:show display diags
Return value of display diags = 0
Display has no failures
```

Related Commands	Command	Description
	show display display_status	Returns status of the display.
	show display errors	Returns errors for the display.
	show display hdmi	Returns HDMI port information for the display.

show display display_status

show display display_status

Syntax Description This command has no arguments or keywords.

Command Default No default behavior or values.

Command History	Release	Modifications
	TX 6.0 and CTS 1.10	This command was introduced.
	IX 8.0	Deprecated. This command does not exist in IX 8.0.

Usage Guidelines Use this command to display the status of the display (if it is off or on standby, for example).

Examples

```
admin:show display display_status
display is STANDBY
```

Related Commands	Command	Description
	show display diags	Returns diagnostics for the display.
	show display errors	Returns errors for the display.
	show display hdmi	Returns HDMI port information for the display.

show display errors

show display errors

Syntax Description This command has no arguments or keywords.

Command Default No default behavior or values.

Command History	Release	Modifications
	TX 6.0 and CTS 1.10	This command was introduced.
	IX 8.0	Deprecated. This command does not exist in IX 8.0.

Usage Guidelines Use this command to show any errors that are associated with the display and display power supply.

Examples

```
admin:show display errors
Error status = 0
Power supply has no failures
```

Related Commands	Command	Description
	show display diags	Returns diagnostics for the display.
	show display display_status	Returns status of the display.
	show display hdmi	Returns HDMI port information for the display.

show display hdmi

show display hdmi

Syntax Description This command has no arguments or keywords.

Command Default No default behavior or values.

Command History	Release	Modifications
	TX 6.0 and CTS 1.10	This command was introduced.
	IX 8.0	Deprecated. This command does not exist in IX 8.0.

Usage Guidelines Use this command to show information about the HDMI ports of the display.

Examples

```
admin:show display hdmi
admin:show display hdmi
Main Tx:
Port Address: 0x72.
VENDOR_ID=0x01
DEV_ID=0x9134
DEV_REV=0x1
Aux Tx:
Port Address: 0x76.
VENDOR_ID=0x01
DEV_ID=0x9134
DEV_REV=0x1
Main Rx:
Port Address: 0x60.
VENDOR_ID=0x01
DEV_ID=0x9135
DEV_REV=0x4
Aux Rx:
Port Address: 0x62.
VENDOR_ID=0x01
DEV_ID=0x9135
DEV_REV=0x4
```

Related Commands

Command	Description
<code>show display diags</code>	Returns diagnostics for the display.
<code>show display display_status</code>	Returns status of the display.
<code>show display errors</code>	Returns errors for the display.

show display port

show display port

Syntax Description This command has no arguments or keywords.

Command Default No default behavior or values.

Command History	Release	Modifications
	IX 8.2.1	This command was introduced.

Usage Guidelines This command displays the display port information.

Examples

```
admin:show display port
DFP1: Left Aux
DFP2: Center Aux
DFP3: Right Aux
DFP5: Right Main
DFP6: Center Main
DFP7: Left Main
```


show dot1x status

show dot1x status

Syntax Description This command has no arguments or keywords.

Command Default No default behavior or values.

Command History	Release	Modifications
	TX 6.0 and CTS 1.10	This command was introduced.

Usage Guidelines Use this command to show the status of the 802.1x protocol.

Examples

```
admin:show dot1x status
Not required
```

show downrev-cucm status

show downrev-cucm status

Syntax Description This command has no arguments or keywords.

Command Default No default behavior or values.

Command History	Release	Modifications
	1.4.0	This command was introduced.

Usage Guidelines Use this command to display the current Cisco Unified Communications Manager (Cisco Unified CM) Down Revision support state. The Cisco Unified CM Down Revision feature enables or disables the Cisco TelePresence System (CTS) 3200 from working with Cisco Unified CM Release 5.x and later releases.

Examples

```
admin:show downrev-cucm status
```

The current state of the CUCM Down Revision support: enabled

Related Commands	Command	Description
	set downrev-cucm disable	Disables the CTS 3200 from working with Cisco Unified CM.
	set downrev-cucm enable	Enables the CTS 3200 to work with Cisco Unified CM.

show dtls version

show dtls version

Syntax Description this command has no arguments or keywords.

Command Default No default behavior or values.

Command History	Release	Modifications
	IX 8.3.1.1	This command was introduced.

Usage Guidelines Use this command to display the current dtls settings on IX system.

Examples

```
admin:set dtls version
DTLSv1_0 disabled
DTLSv1_2 enabled
```

Related Commands	Command	Description
	set dtls version	Set the DTLS version.

show firewall status

show firewall status [detail | page]

Syntax Description

detail	Optional. Displays detailed network information.
page	Optional. Pages through the output.

Command Default

No default behavior or values.

Command History

Release	Modifications
1.5.10	This command was introduced.

Usage Guidelines

Use this command to display firewall entries.

Examples

```
admin:show firewall status

Chain INPUT (policy DROP)
target prot opt source destination
ACCEPT all -- anywhere anywhere
ACCEPT icmp -- anywhere anywhere
ACCEPT all -- anywhere anywhere state RELATED,ESTABLISHED
ACCEPT tcp -- anywhere anywhere state NEW tcp dpt:sip
ACCEPT tcp -- anywhere anywhere state NEW tcp dpt:8081
ACCEPT tcp -- anywhere anywhere state NEW tcp dpt:8082
....
Chain ipsla_resp (1 references)
target prot opt source destination
Chain video_rtcp (1 references)
target prot opt source destination
Chain video_rtp (1 references)
target prot opt source destination
```

show firewall xmlrpc

`show firewall xmlrpc`

Syntax Description This command has no arguments or keywords.

Command Default No default behavior or values.

Command History	Release	Modifications
	1.7.0	This command was introduced.

Usage Guidelines Use this command to display the current firewall settings for XmlRpc ports.

Examples

```
admin:show firewall xmlrpc
```

XmlRpc ports are open

show gpu version

show gpu version

Syntax Description This command has no arguments or keywords.

Command Default No default behavior or values.

Command History	Release	Modifications
	IX 8.2.1	This command was introduced.

Usage Guidelines This command displays the Graphics Processing Unit (GPU) driver version.

Examples

```
admin:show gpu version
Active GPU Versions:
ii fglrx          2:14.502-1039B1  amd64      Video driver for the AMD graphics
accelerators
ii fglrx-amdcccle 2:14.502-1039B1  amd64      Catalyst Control Center for the AMD
graphics accelerators
ii fglrx-core     2:14.502-1039B1  amd64      Minimal video driver for the AMD
graphics accelerators
ii fglrx-dev      2:14.502-1039B1  amd64      Video driver for the AMD graphics
accelerators (devel files)
```

show hardware all

show hardware all

Syntax Description This command has no arguments or keywords.

Command Default No default behavior or values.

Command History	Release	Modifications
	1.2	This command was introduced.

Usage Guidelines Use this command to display all hardware information.

Examples

```
admin:show hardware all

Display Serial Number      : 44048101420563
Display Hardware Version  : 0400
Display Model              : Unknown
Display Boot Code Version : INFO:Display is unsupported
Display App Code Version  : INFO:Display is unsupported
```

Related Commands	Command	Description
	show hardware audio	Displays all audio-related hardware information.
	show hardware display	Displays all system-related hardware information.
	show hardware lcu	Displays information about the light control unit (LCU).
	show hardware system	Displays all system-related hardware information.
	show hardware video	Displays all video hardware information.

show hardware audio

show hardware audio

Syntax Description This command has no arguments or keywords.

Command Default No default behavior or values.

Command History	Release	Modifications
	1.2	This command was introduced.

Usage Guidelines Use this command to display all audio-related hardware information.

Examples

```
admin:show hardware audio

Audio Hardware Version : 4
Audio CPLD Version    : 6
Audio DSP Build ID    : 00.09.000b
```

Related Commands	Command	Description
	show hardware all	Displays all hardware information.
	show hardware display	Displays all system-related hardware information.
	show hardware lcu	Displays information about the light control unit (LCU).
	show hardware system	Displays all system-related hardware information.
	show hardware video	Displays all video hardware information.

show hardware backplane

show hardware backplane

Syntax Description This command has no arguments or keywords.

Command Default No default behavior or values.

Command History	Release	Modifications
	IX 8.1.0	This command was introduced.

Usage Guidelines This command displays backplane information, including bit values and their signals, of each port on the PICs.

Examples

```
admin:show hardware backplane
```

```
Titanium1 PIC1:
PORT 1: 0x00008018
12V_PS_OK           : 1
SHB_PS_ON           : 0
IOB_PWR_GOOD        : 1
SHB_PWR_GOOD        : 1
PIC2_PIC1_ALERT     : 0

PORT 2: 0x0000601e
FAN_ALERT           : 1
SWITCH_INTR         : 1
PERST               : 1
ECB_A_EN            : 1
ECB_B_EN            : 1
ECB_C_EN            : 1
```

show hardware display

show hardware display

Syntax Description This command has no arguments or keywords.

Command Default No default behavior or values.

Command History	Release	Modifications
	TX 6.0 and CTS 1.10	This command was introduced.

Usage Guidelines Use this command to show all hardware information for the system display.

Examples

```
admin:show hardware display

MANUFACTURER: XYZ(0x0000)
PRODUCT_CODE: 0xf015
SERIAL_NUMBER: 0x1234567a
WEEK_MANUFACTURE: 37
YEAR_MANUFACTURE: 2010
VERSION_NUMBER: 1
REVISION_NUMBER: 3
VIDIO_INPUT_DEFINITION: Digital Signal
MAX_HORIZONTAL_DISPLAY_LENGTH: 520 mm
MAX_VERTICAL_DISPLAY_LENGTH: 320 mm
DISPLAY_GAMMA: 2.20
DISPLAY_TYPE: unknown(0xee)
HARDWARE_VERSION: 8L
PID:
VID:
S/N:
TAN:
```

Related Commands	Command	Description
	show hardware all	Displays all hardware information.
	show hardware audio	Displays all audio-related hardware information.
	show hardware lcu	Displays information about the light control unit (LCU).
	show hardware system	Displays all system-related hardware information.
	show hardware video	Displays all video hardware information.

show hardware encoder

show hardware encoder

Syntax Description This command has no arguments or keywords.

Command Default No default behavior or values.

Command History	Release	Modifications
	IX 8.1.0	This command was introduced.

Usage Guidelines This command displays information about Encoder.

Examples

```
admin:show hardware encoder

encoder ECB:
  STATUS_WORD           : 0x3809   Expected 0x3849.
  POWER_GOOD = 1
  OFF-bit asserted if MOSFET is not on
  STATUS_VOUT           : 0
  STATUS_INPUT          : 0x14     Expected 0x10.
  STATUS_TEMPERATURE    : 0
  STATUS_MFR_SPECIFIC   : 0x10
  READ_VIN              : 12
  READ_VOUT             : 12
  READ_TEMP_1           : 36
  VOUT_UV_WARN_LIMIT    : 0
  OT_FAULT_LIMIT        : 150
  OT_WARN_LIMIT         : 125
  VIN_OV_WARN_LIMIT     : 18
  VIN_UV_WARN_LIMIT     : 0
```

show hardware lcu

show hardware projector

Syntax Description This command has no arguments or keywords.

Command Default No default behavior or values.

Command History	Release	Modifications
	TX 6.0 and CTS 1.10	This command was introduced.

Usage Guidelines Use this command to display information about the light control unit (LCU).

Examples

```
admin:show hardware lcu
Serial Baud Rate: Unable to communicate with light control unit
System Up Time: Unable to communicate with light control unit
Heartbeat Timer: Unable to communicate with light control unit
SN: Unable to communicate with light control unit
PID: Unable to communicate with light control unit
VID: Unable to communicate with light control unit
Firmware Version: Unable to communicate with light control unit
Model: Unable to communicate with light control unit
Reset reason: Unable to communicate with light control unit

Executed command unsuccessfully
```

Related Commands	Command	Description
	show hardware all	Displays all hardware information.
	show hardware audio	Displays all audio-related hardware information.
	show hardware display	Displays all system-related hardware information.
	show hardware system	Displays all system-related hardware information.
	show hardware video	Displays all video hardware information.

show hardware projector

show hardware projector

Syntax Description This command has no arguments or keywords.

Command Default No default behavior or values.

Command History	Release	Modifications
	1.7.0	This command was introduced.
	IX 8.0	Deprecated. This command doesn't exist in IX 8.0.

Usage Guidelines Use this command to display projector hardware information.

Examples

```
admin:show hardware projector

Projector Model : 0:Sanyo PLV-Z4
```

Related Commands	Command	Description
	show hardware all	Displays all hardware information.
	show hardware display	Displays all system-related hardware information.
	show hardware lcu	Displays information about the light control unit (LCU).
	show hardware system	Displays all system-related hardware information.
	show hardware video	Displays all video hardware information.

show hardware system

show hardware system

Syntax Description This command has no arguments or keywords.

Command Default No default behavior or values.

Command History	Release	Modifications
	1.2	This command was introduced.

Usage Guidelines Use this command to display all system hardware information.

Examples

```
admin:show hardware system

Display Hardware Version      : 0400
DisplaySerial Number        : FSJC0537527
DisplayProduct ID           : CTS-CODEC-PRIM
...
```

Related Commands	Command	Description
	show hardware all	Displays all hardware information.
	show hardware audio	Displays all audio-related hardware information.
	show hardware display	Displays all system-related hardware information.
	show hardware lcu	Displays information about the light control unit (LCU).
	show hardware video	Displays all video hardware information.

show hardware video

show hardware video

Syntax Description This command has no arguments or keywords.

Command Default No default behavior or values.

Command History	Release	Modifications
	1.2	This command was introduced.

Usage Guidelines Use this command to display all video hardware information.

Examples

```
admin:show hardware video
```

```
Display Camera Brand           : Lumenera/pulsar
Display Camera Model          : 1.0D
Display Camera Hardware Version : 2
Display Camera Firmware Version : 306:521
Display Camera Firmware Image Date : Wed Apr 13 16:21:16 EST 2009
...
```

Related Commands	Command	Description
	show hardware all	Displays all hardware information.
	show hardware audio	Displays all audio-related hardware information.
	show hardware display	Displays all system-related hardware information.
	show hardware leu	Displays information about the light control unit (LCU).
	show hardware system	Displays all system-related hardware information.

show inventory

show inventory

Syntax Description This command has no arguments or keywords.

Command Default No default behavior or values.

Command History	Release	Modifications
	1.2	This command was introduced.

Usage Guidelines Use this command to retrieve the platform inventory information.

Examples

```
admin:show inventory
```

```
NAME: "ciscoTSPri", DESCR: "Cisco TelePresence Primary Codec"
PID: CTS-CODEC-PRIM=, VID: V01, SN:FHH1059M00M
```


show license status

show license status

Syntax Description This command has no arguments or keywords.

Command Default No default behavior or values.

Command History	Release	Modifications
	1.5	This command was introduced.

Usage Guidelines Use this command to view license status.



Note

If the status shows that the feature is enabled but not currently running, you may need to restart the calling services.

Examples admin:`show license status`

```
License feature status
satellite:
  Valid license found
  License feature is enabled
  Feature is currently running
```

Related Commands	Command	Description
	utils service restart	Restarts a service.

show meetings detail

show meetings detail [*id meetingid*]

Syntax Description	<i>meetingid</i>	Optional argument. Display meeting details about supplied meeting ID only.
---------------------------	------------------	--

Command Default	No default behavior or values.
------------------------	--------------------------------

Command History	Release	Modifications
	1.7.0	This command was introduced.
	IX 8.0	Add 'id' to parameter.

Usage Guidelines	Use this command to view meeting details.
-------------------------	---

Examples	admin: show meetings detail
-----------------	------------------------------------

```
Meeting ID: 644
Start Time: Sep 07 10 22:00:00
End Time: Sep 07 10 22:30:00
Subject: recurring max
Dial Number: 40094
Coordinator: atat amei
Coordinator Email:
Conference ID:
Private : FALSE
Security: Unknown
Admin:
```

show meetings summary

show meetings summary

Syntax Description This command has no arguments or keywords.

Command Default No default behavior or values.

Command History	Release	Modifications
	1.7.0	This command was introduced.

Usage Guidelines Use this command to view meeting summary and details.

Examples

```
admin:show meetings summary
```

```
Meeting ID Start Time End Time Subject Dial # Coordinator
```

```
=====
```

```
199 Oct 26 09 21:00:00 Oct 26 09 21:30:00 Staff Meeting Alan Gee
```

```
112 Oct 26 09 22:25:00 Oct 26 09 22:55:00 Process Engineering 81000 Bill
```

```
130 Oct 27 09 08:00:00 Oct 27 09 08:30:00 Customers issue 81000 Tim
```

```
133 Oct 28 09 08:00:00 Oct 28 09 08:30:00 All-hands 81000 CEO
```

show myself

show myself

Syntax Description This command has no arguments or keywords.

Command Default No default behavior or values.

Command History	Release	Modifications
	1.2	This command was introduced.

Usage Guidelines Use this command to view information about the current account.

Examples

```
admin:show myself
```

```
Machine Name      : SEP0019AA043ABF
Account name     : test
Privilege level  : 1
Output setting   : disabled
Logging setting  : disabled
```

show network all

`show network all [detail | page]`

Syntax Description	detail	Optional. Displays detailed network information.
	page	Optional. Pages through the output.

Command Default No default behavior or values.

Command History	Release	Modifications
	1.2	This command was introduced.

Usage Guidelines Use this command to retrieve all basic platform network information. It will concatenate the [show network eth0](#), [show network route](#), and [show network status](#) commands.

Examples

```
admin:show network all
```

```
Ethernet 0 - Primary
DHCP      : enabled          Link Status: up
IP Address : 12.32.49.141    IP Mask    : 255.255.255.0
MAC Address : 00:19:AA:04:3A:BF VLAN      : 300
Mode      : Auto enabled, full duplex, 1000MB/s

Ethernet eth0:1
IP Address : 192.168.0.1      IP Mask    : 255.255.255.0

Ethernet eth0:2
IP Address : 192.168.1.1      IP Mask    : 255.255.255.0

Ethernet eth2
IP Address : 192.168.2.1      IP Mask    : 255.255.255.0

Ethernet eth3
IP Address : 192.168.3.1      IP Mask    : 255.255.255.0

DNS
Primary   : 171.58.226.120    Secondary  : 171.70.168.183
Domain    : cisco.com
Gateway   : 12.32.49.1 on Ethernet eth0.300

192.168.3.0/24 dev eth3 proto kernel scope link src 192.168.3.1
192.168.2.0/24 dev eth2 proto kernel scope link src 192.168.2.1
192.168.1.0/24 dev eth0 proto kernel scope link src 192.168.1.1
192.168.0.0/24 dev eth0 proto kernel scope link src 192.168.0.1
10.32.49.0/24 dev eth0.300 proto kernel scope link src 12.32.49.141
default via 12.32.49.1 dev eth0.300

Active Internet connections (w/o servers)
Proto Recv-Q Send-Q Local Address          Foreign Address         State
```

show network all

```

tcp      0      0 SEP0019AA043:TSCMA_Ctrl SEP0019AA043ABF:58108 ESTABLISHED
tcp      0      0 SEP0019AA043ABF:58108 SEP0019AA043:TSCMA_Ctrl ESTABLISHED
tcp      0      0 localhost:TSCCA_Ctrl   localhost:59800      ESTABLISHED
tcp      0      0 localhost:59800        localhost:TSCCA_Ctrl ESTABLISHED
tcp      0      0 localhost:TSCCA_Ctrl   localhost:60457      ESTABLISHED
tcp      0      0 localhost:60457        localhost:TSCCA_Ctrl ESTABLISHED
tcp      0      0 localhost:TSCCA_Ctrl   localhost:60453      ESTABLISHED
tcp      0      0 localhost:60453        localhost:TSCCA_Ctrl ESTABLISHED
tcp      0      0 localhost:TSCCA_Ctrl   localhost:60455      ESTABLISHED
tcp      0      0 localhost:60455        localhost:TSCCA_Ctrl ESTABLISHED
tcp      0      0 SEP0019AA043:TSCCA_Ctrl SEP0019AA043ABF:57079 ESTABLISHED
tcp      0      0 SEP0019AA043ABF:57079 SEP0019AA043:TSCCA_Ctrl ESTABLISHED
tcp      0      0 localhost:TSCMA_Ctrl   localhost:52003      ESTABLISHED
tcp      0      0 localhost:52003        localhost:TSCMA_Ctrl ESTABLISHED
tcp      0      0 localhost:61463        localhost:52896      ESTABLISHED
tcp      0      0 localhost:52896        localhost:61463      ESTABLISHED
tcp      0      0 localhost:61463        localhost:52900      ESTABLISHED
tcp      0      0 localhost:52900        localhost:61463      ESTABLISHED
tcp      0      0 localhost:61463        localhost:52891      ESTABLISHED
tcp      0      0 localhost:52891        localhost:61463      ESTABLISHED
tcp      1      0 localhost:53219        localhost:61449      CLOSE_WAIT
tcp      0      0 localhost:45221        localhost:61448      TIME_WAIT
tcp      0      0 SEP0019AA043:TSOSD_Ctrl SEP0019AA043ABF:45634 ESTABLISHED
tcp      0      0 SEP0019AA043ABF:45634 SEP0019AA043:TSOSD_Ctrl ESTABLISHED
tcp      0      0 localhost:61448        localhost:49006      ESTABLISHED
tcp      0      0 localhost:49006        localhost:61448      ESTABLISHED
tcp      0      0 localhost:61448        localhost:49037      ESTABLISHED
tcp      0      0 localhost:49037        localhost:61448      ESTABLISHED
tcp      0      0 localhost:61448        localhost:49047      ESTABLISHED
tcp      0      0 localhost:49047        localhost:61448      ESTABLISHED
tcp      0      0 localhost:61448        localhost:49048      ESTABLISHED
tcp      0      0 localhost:49048        localhost:61448      ESTABLISHED
tcp      0      0 SEP0019AA043ABF:42734 tsbu-de-cm4p.cisco.:sip ESTABLISHED
tcp      342    0 localhost:43719        localhost:61460      CLOSE_WAIT
tcp      342    0 localhost:43715        localhost:61460      CLOSE_WAIT
tcp      342    0 localhost:43679        localhost:61460      CLOSE_WAIT
tcp      342    0 localhost:43702        localhost:61460      CLOSE_WAIT
tcp      0      0 localhost:TSCMR_Ctrl   localhost:44730      ESTABLISHED
tcp      0      0 localhost:44730        localhost:TSCMR_Ctrl ESTABLISHED
tcp      0      0 SEP0019AA043ABF:61458 tbipp.local:38853     ESTABLISHED
tcp      0      0 localhost:33035        localhost:61464      TIME_WAIT
tcp      0      0 localhost:33034        localhost:61464      TIME_WAIT
tcp      0      0 localhost:33037        localhost:61464      TIME_WAIT
tcp      0      0 localhost:33036        localhost:61464      TIME_WAIT
tcp      0      0 localhost:33038        localhost:61464      TIME_WAIT
tcp      0      0 localhost:61448        localhost:33694      ESTABLISHED
tcp      0      0 localhost:33694        localhost:61448      ESTABLISHED
tcp      0      0 localhost:61452        localhost:34870      ESTABLISHED
tcp      0      0 localhost:34870        localhost:61452      ESTABLISHED
tcp      0      0 localhost:61454        localhost:36427      ESTABLISHED
tcp      0      0 localhost:36427        localhost:61454      ESTABLISHED
tcp      0      0 SEP0019AA043ABF:42313 tbipp.local:www      TIME_WAIT
tcp      0      0 SEP0019AA043ABF:42304 tbipp.local:www      TIME_WAIT
tcp      0      0 SEP0019AA043ABF:42306 tbipp.local:www      TIME_WAIT
tcp      0      0 SEP0019AA043ABF:61457 tbipp.local:22562     ESTABLISHED

```

Active UNIX domain sockets (w/o servers)

Proto	RefCnt	Flags	Type	State	I-Node	Path
unix	9	[]	DGRAM		1324	/dev/log
unix	2	[]	DGRAM		3407	/tmp/secCmdSock
unix	2	[]	DGRAM		3409	/tmp/secSrvrSock
unix	2	[]	DGRAM		37105	
unix	2	[]	DGRAM		9775	
unix	2	[]	DGRAM		3366	
unix	2	[]	DGRAM		3317	

```

unix 2      [ ]      DGRAM      3280
unix 2      [ ]      DGRAM      2738
unix 2      [ ]      DGRAM      2373
unix 2      [ ]      DGRAM      1332

```

Related Commands

Command	Description
show network eth0	Displays basic platform network information about Ethernet 0.
show network route	Displays basic platform network route information.
show network status	Displays basic platform network status information.

show network eth0

show network eth0 [detail]

Syntax Description	detail	Displays detailed network information about Ethernet port 0.
---------------------------	---------------	--

Command Default	No default behavior or values.
------------------------	--------------------------------

Command History	Release	Modifications
	1.2	This command was introduced.

Usage Guidelines	Use this command to retrieve basic platform network information about Ethernet port 0.
-------------------------	--

Examples	<pre>admin:show network eth0 Ethernet 0 DHCP : no Status : UP IP Address : 192.0.2.0 IP Mask : 255.255.255.000 Link Detected: yes Mode : Auto off, Full, 100MB/s DNS Primary : 000.70.100.000 Secondary : Domain : cisco.com Gateway : 000.107.100.1 on Ethernet 0</pre>
-----------------	---

Related Commands	Command	Description
	show network all	Displays all basic platform network information.
	show network route	Displays basic platform network route information.
	show network status	Displays basic platform network status information.

show network route

`show network route [detail]`

Syntax Description	<code>detail</code>	Optional. Displays detailed network route information.
---------------------------	---------------------	--

Command Default	No default behavior or values.
------------------------	--------------------------------

Command History	Release	Modifications
	1.2	This command was introduced.

Usage Guidelines	Use this command to retrieve basic platform network route information.
-------------------------	--

Examples

```
admin:show network route
```

```
192.168.3.0/24 dev eth3 proto kernel scope link src 192.168.3.1
192.168.2.0/24 dev eth2 proto kernel scope link src 192.168.2.1
192.168.1.0/24 dev eth0 proto kernel scope link src 192.168.1.1
192.168.0.0/24 dev eth0 proto kernel scope link src 192.168.0.1
12.32.49.0/24 dev eth0.300 proto kernel scope link src 12.32.49.141
default via 12.32.49.1 dev eth0.300
```

Related Commands	Command	Description
	show network all	Displays all basic platform network information.
	show network eth0	Displays basic platform network information about Ethernet 0.
	show network status	Displays basic platform network status information.

show network status

show network status [detail | listen | process | all | nodns | search *text*]

Syntax Description

detail	Displays additional status information.
listen	Displays only listening sockets.
process	Displays the process ID and name of the program to which each socket belongs.
all	Displays both listening and non-listening sockets.
nodns	Displays numerical addresses without any DNS information.
search <i>text</i>	Searches for the text string in the output. The <i>text</i> argument is required.

Command Default

No default behavior or values.

Command History

Release	Modifications
1.2	This command was introduced.

Usage Guidelines

Use this command to retrieve basic platform network status information. The **search** option must be followed by a text string. This string cannot contain any spaces or tabs. It is case insensitive. Search for the “stext” in the output.

Examples

```
admin:show network status
```

```
Active Internet connections (w/o servers)
Proto Recv-Q Send-Q Local Address           Foreign Address         State
tcp        0      0 localhost:57656         localhost:61448        TIME_WAIT
tcp        0      0 localhost:57655         localhost:61448        TIME_WAIT
tcp        0      0 SEP0019AA043:TSCMA_Ctrl SEP0019AA043ABF:58108  ESTABLISHED
tcp        0      0 SEP0019AA043ABF:58108  SEP0019AA043:TSCMA_Ctrl ESTABLISHED
tcp        0      0 localhost:TSCCA_Ctrl   localhost:59800        ESTABLISHED
tcp        0      0 localhost:59800        localhost:TSCCA_Ctrl   ESTABLISHED
tcp        0      0 localhost:TSCCA_Ctrl   localhost:60457        ESTABLISHED
tcp        0      0 localhost:60457        localhost:TSCCA_Ctrl   ESTABLISHED
tcp        0      0 localhost:TSCCA_Ctrl   localhost:60453        ESTABLISHED
tcp        0      0 localhost:60453        localhost:TSCCA_Ctrl   ESTABLISHED
tcp        0      0 localhost:TSCCA_Ctrl   localhost:60455        ESTABLISHED
tcp        0      0 localhost:60455        localhost:TSCCA_Ctrl   ESTABLISHED
tcp        0      0 SEP0019AA043:TSCCA_Ctrl SEP0019AA043ABF:57079  ESTABLISHED
tcp        0      0 SEP0019AA043ABF:57079  SEP0019AA043:TSCCA_Ctrl ESTABLISHED
tcp        0      0 localhost:TSCMA_Ctrl   localhost:52003        ESTABLISHED
tcp        0      0 localhost:52003        localhost:TSCMA_Ctrl   ESTABLISHED
tcp        0      0 localhost:61463        localhost:52896        ESTABLISHED
tcp        0      0 localhost:52896        localhost:61463        ESTABLISHED
tcp        0      0 localhost:61463        localhost:52900        ESTABLISHED
tcp        0      0 localhost:52900        localhost:61463        ESTABLISHED
tcp        0      0 localhost:61463        localhost:52891        ESTABLISHED
tcp        0      0 localhost:52891        localhost:61463        ESTABLISHED
```

```

tcp      1      0 localhost:53219          localhost:61449          CLOSE_WAIT
tcp      0      0 SEP0019AA043:TSOSD_Ctrl SEP0019AA043ABF:45634  ESTABLISHED
tcp      0      0 SEP0019AA043ABF:45634  SEP0019AA043:TSOSD_Ctrl ESTABLISHED
tcp      0      0 localhost:61448         localhost:49006          ESTABLISHED
tcp      0      0 localhost:49006         localhost:61448          ESTABLISHED
tcp      0      0 localhost:61448         localhost:49037          ESTABLISHED
tcp      0      0 localhost:49037         localhost:61448          ESTABLISHED
tcp      0      0 localhost:61448         localhost:49047          ESTABLISHED
tcp      0      0 localhost:49047         localhost:61448          ESTABLISHED
tcp      0      0 localhost:61448         localhost:49048          ESTABLISHED
tcp      0      0 localhost:49048         localhost:61448          ESTABLISHED
tcp      0      0 localhost:41042         localhost:61464          TIME_WAIT
tcp      0      0 localhost:41043         localhost:61464          TIME_WAIT
tcp      0      0 localhost:41044         localhost:61464          TIME_WAIT
tcp      0      0 localhost:41045         localhost:61464          TIME_WAIT
tcp      0      0 localhost:41046         localhost:61464          TIME_WAIT
tcp      0      0 SEP0019AA043ABF:42734  tsbu-de-cm4p.cisco.:sip ESTABLISHED
tcp      342    0 localhost:43719         localhost:61460          CLOSE_WAIT
tcp      342    0 localhost:43715         localhost:61460          CLOSE_WAIT
tcp      342    0 localhost:43679         localhost:61460          CLOSE_WAIT
tcp      342    0 localhost:43702         localhost:61460          CLOSE_WAIT
tcp      0      0 localhost:TSCMR_Ctrl    localhost:44730          ESTABLISHED
tcp      0      0 localhost:44730         localhost:TSCMR_Ctrl    ESTABLISHED
tcp      0      0 SEP0019AA043ABF:61458  tbipp.local:38853        ESTABLISHED
tcp      0      0 localhost:61448         localhost:33694          ESTABLISHED
tcp      0      0 localhost:33694         localhost:61448          ESTABLISHED
tcp      0      0 localhost:61452         localhost:34870          ESTABLISHED
tcp      0      0 localhost:34870         localhost:61452          ESTABLISHED
tcp      0      0 localhost:61454         localhost:36427          ESTABLISHED
tcp      0      0 localhost:36427         localhost:61454          ESTABLISHED
tcp      0      0 SEP0019AA043ABF:61457  tbipp.local:22562        ESTABLISHED
tcp      0      0 SEP0019AA043ABF:45152  tbipp.local:www          TIME_WAIT
tcp      0      0 SEP0019AA043ABF:45154  tbipp.local:www          TIME_WAIT
tcp      0      0 SEP0019AA043ABF:45143  tbipp.local:www          TIME_WAIT

```

Active UNIX domain sockets (w/o servers)

Proto	RefCnt	Flags	Type	State	I-Node	Path
unix	9	[]	DGRAM		1324	/dev/log
unix	2	[]	DGRAM		3407	/tmp/secCmdSock
unix	2	[]	DGRAM		3409	/tmp/secSrvrSock
unix	2	[]	DGRAM		37105	
unix	2	[]	DGRAM		9775	
unix	2	[]	DGRAM		3366	
unix	2	[]	DGRAM		3317	
unix	2	[]	DGRAM		3280	
unix	2	[]	DGRAM		2738	
unix	2	[]	DGRAM		2373	
unix	2	[]	DGRAM		1332	

Related Commands

Command	Description
show network all	Displays all basic platform network information.
show network eth0	Displays basic platform network information about Ethernet 0.
show network route	Displays basic platform network route information.

show nwfaildet

show nwfaildet

Syntax Description This command has no arguments or keywords.

Command Default No default behavior or values.

Usage Guidelines Use this command to view Network Failure Detection parameters.

Examples

```
admin:show nwfaildet
```

The current state of the Network Failure Detection: enabled

show osd-alt

show osd-alt

Syntax Description This command has no arguments or keywords.

Command Default No default behavior or values.

Usage Guidelines Use this command to view which alternate file for the OSD service is being used.

Examples

```
admin:show osd-alt
default
```

show peripherals version

show peripherals version

Syntax Description This command has no arguments or keywords.

Command Default No default behavior or values.

Command History	Release	Modifications
	IX 8.2.1	This command was introduced.

Usage Guidelines Use this command to provide detailed version information about active peripheral devices.

Examples

```
admin:show peripherals version
Peripheral Versions:
Upgrading Peripherals
Description      : State                :Hw : Dev Ver          :Img Ver
===== : ===== :==: ===== : =====
main board Ctrl 1 : no upgrade required : 2: 00.12 (A)      : 00.12
main board Ctrl 2 : no upgrade required :  : 00.0E (A)       : 00.0E
video board Ctrl 1 : no upgrade required : 2: 00.13 (A)       : 00.13
audio board Ctrl 1 : no upgrade required :  : 01.02 (B)        : 01.02
subwoofer Ctrl 1  : version unavailable :  : ???              : 00.13
audio TDM Ctrl 1  :version unavailable:  :                  :
audio TDM Ctrl 2  :version unavailable:  :                  :
audio TDM Ctrl 3  :version unavailable:  :                  :
display main left : version unavailable :  :                  : 51.00.08
display main center : version unavailable :  :                  : 51.00.08
display main right : version unavailable :  :                  : 51.00.08
capture card flash : no upgrade required : 3: 15021718        : 15021718
camera flash      : no upgrade required : 3: 15030616        : 15030616
```

show pip-default

show pip-default

Syntax Description This command has no arguments or keywords.

Command Default No default behavior or values.

Command History	Release	Modifications
	1.9	This command was introduced.
	IX 8.0	Deprecated. This command does not exist in IX 8.0.

Usage Guidelines Use this command to retrieve the initial default presentation-in-picture (PiP) status.

Examples

```
admin:show pip-default
The current initial state of pip is: presentation
```

show presentation auto-share

`show presentation auto-share`

Syntax Description This command has no arguments or keywords.

Command Default Auto-share is enabled by default.

Command History	Release	Modifications
	TX6.1	This command was introduced.

Usage Guidelines Use this command to show whether the automatic sharing of presentations is enabled or disabled.

Examples

```
admin:show presentation auto-share
enabled
```


show reinvoke-wait status

`show reinvoke-wait status`

Syntax Description This command has no arguments or keywords.

Command Default No default behavior or values.

Usage Guidelines Use this command to view the status of the bandwidth reinvoke wait feature.

Examples

```
admin:show reinvoke-wait status
Bandwidth re-invoke wait is enabled
```

show remote status

show remote status

Syntax Description This command has no arguments or keywords.

Command Default No default behavior or values.

Command History	Release	Modifications
	1.7.0	This command was introduced.
	IX 8.0	Deprecated. This command doesn't exist in IX 8.0.

Usage Guidelines Use this command to view the remote speaker and video status.

Examples `admin:show remote status`

show secondary status

show secondary status

Syntax Description This command has no arguments or keywords.

Command Default No default behavior or values.

Command History	Release	Modifications
	1.2	This command was introduced.
	1.8	This command was removed.
	IX 8.0	Deprecated. This command does not exist in IX 8.0.

Usage Guidelines Use this command to retrieve the status of the secondary codecs. The following are possible states of the secondary codec:

- Run Normal
- System Booting Up
- System Shutting Down
- System Rebooting
- Upgrading Image
- Image Upgrade Failed
- Upgrading Peripherals
- Peripheral Upgrade Failed
- Error, system is in an unknown state

Examples

```
admin:show secondary status

testing left...
    secondary is still booting

testing right...
    secondary is up
```

■ show secondary status

Related Commands	Command	Description
	show status	Displays basic platform status information.
	utils system	

show security authstring

show security authstring

Syntax Description This command has no arguments or keywords.

Command Default No default behavior or values.

Command History	Release	Modifications
	1.2	This command was introduced.

Usage Guidelines Use this command to view the CAPF authentication string.

Examples

```
admin:show security authstring
123456
```

Related Commands	Command	Description
	show security info	Shows security information.
	show security trustlist	Displays the security trustlist.

show security info

show security info [page]

Syntax Description	page	Optional. Pages through the output.
---------------------------	-------------	-------------------------------------

Command Default	No default behavior or values.	
------------------------	--------------------------------	--

Command History	Release	Modifications
	1.2	The command was introduced.

Usage Guidelines	Use this command to view security information.
-------------------------	--

Examples	admin: show security info
-----------------	----------------------------------

```
security information
=====
  version           : 1.0 [Apr 30 2007, 14:05:07]
  MIC               : yes
  LSC               : NO
  device sec mode   : 1 (auth)
  num CTL entries   : 4
  timers in use     : 0 timers
  sockets in use    : 3 sockets
  clnt SSL in use   : 0 clnt SSL
  active reqs.      : 0 reqs.

  info  o/p on      : none
  debug o/p on      : none
  verbose o/p on    : none
```

Related Commands	Command	Description
	show security authstring	Shows the CAPF authentication string.
	show security trustlist	Displays the security trustlist.

show security trustlist

show security trustlist [page]

Syntax Description	page	Optional. Pages through the output.
---------------------------	-------------	-------------------------------------

Command Default	No default behavior or values.
------------------------	--------------------------------

Command History	Release	Modifications
	1.2	The command was introduced.

Usage Guidelines	Use this command to display the security trustlist.
-------------------------	---

Examples

```
admin:show security trustlist
```

```
ctl info
=====
ctl file (if any)      : /nv/security/ctl/CTLFile.tlv
hash of CTL (16 bytes):
max allowed entries   : 32
max allowed entries   : 32
num current entries   : 4
CTS has CTL
CTL table entries:
CTL-tbl [0]
  role: 0 (SAST)
  ip  : n/a
  dns :
  sub : cn="SAST-ADN418e4e14           ";ou=IPCBU;o="Cisco Systems
  iss : cn=CAP-RTP-001;o=Cisco Systems
  ser : available, 10 bytes
  pkey: available, 140 bytes
  sig : n/a
  hash: n/a
  cert: available, 933 bytes
CTL-tbl [1]
  role: 0 (SAST)
  ip  : n/a
  dns :
  sub : cn="SAST-ADN47ece814           ";ou=IPCBU;o="Cisco Systems
  iss : cn=CAP-RTP-002;o=Cisco Systems
  ser : available, 10 bytes
  pkey: available, 140 bytes
  sig : n/a
  hash: n/a
  cert: available, 907 bytes
CTL-tbl [2]
  role: 2 (CCM_TFTP)
  ip  : 171.28.176.239
  dns : test-cm5-10
```

show security trustlist

```

sub : cn=test-cm5-10.cisco.com
iss : cn=test-cm5-10.cisco.com
ser : available, 8 bytes
pkey: available, 140 bytes
sig : n/a
hash: n/a
cert: available, 578 bytes
CTL-tbl [3]
role: 4 (CAPF)
ip   : 100.00.100.239
dns  : test-cm5-10
sub  : cn=CAPF-45131e4a;o=cisco
iss  : cn=CAPF-45131e4a;o=cisco
ser  : available, 8 bytes
pkey: available, 140 bytes
sig  : n/a
hash: n/a
cert: available, 626 bytes

```

Related Commands

Command	Description
show security authstring	Shows the CAPF authentication string.
show security info	Shows security information

show sessions

show sessions

Syntax Description This command has no arguments or keywords.

Command Default No default behavior or values.

Command History	Release	Modifications
	1.7.0	The command was introduced.

Usage Guidelines Use this command to retrieve the number of sessions that are currently logged into the CTS.

Examples

```
admin:show sessions  
  
1 session (s)
```

show snmp log_level

show snmp log_level

Syntax Description This command has no arguments or keywords.

Command Default No default behavior or values.

Command History	Release	Modifications
	IX 8.0	The command was introduced.

Usage Guidelines Use this command to display the snmp log level.

Examples

```
admin:show snmp log_level
0
```

Related Commands	Command	Description
	set snmp log_level	Set the log level.

show status

show status

Syntax Description There are no arguments or keywords.

Command Default No default behavior or values.

Release	Modifications
1.2	This command was introduced.

Usage Guidelines Use this command to retrieve basic platform status information.

admin:**show status**

```
Host Name      : SEP0019AA043ABF
Date           : Mon Nov 27, 2011 22:55:02
Time Zone      : GMT
Locale         : en_US
Product Ver    : CTS 2011-04-24
System State   : Run Normal
Boot Slot      : 2
Uptime:
  10:55pm up 2 days, 23:17, load average: 0.01, 0.06, 0.07
```

```
Memory Total:      516180K
   Free:           115360K
   Used:           400820K
   Shared:          0K
   Buffers:        262268K
```

	Total	Free	Used
Disk/ram	253871K	115417K	138454K (55%)
Disk/logging	103847K	56844K	41641K (42%)
Disk/factory	47104K	6148K	40956K (86%)
Disk/slot 1	47088K	5325K	41763K (88%)
Disk/slot 2	47088K	4932K	42156K (89%)

You can use this command in conjunction with other commands. For instance, the following combination of commands checks the status of the primary codec:

admin:**utils system left**
Left:**show status**

```
Host Name      : ts2.local
Date           : Wed Oct 19, 2011 18:22:16
Time Zone      : PDT
Locale         : en_US
Product Ver    : CTS Main(1657) P1
System State   : Run Normal
Boot Slot      : 5
Uptime: 6:22pm up 18:57, load average: 0.20, 0.17, 0.11
```

See the [utils system](#) command for more information. See also [show secondary status](#).

Related Commands

Command	Descriptions
show secondary status	Displays status of the secondary codecs.

show syslog facility

show syslog facility

Syntax Description This command has no arguments or keywords.

Command Default No default behavior or values.

Command History	Release	Modifications
	1.5	This command was introduced.

Usage Guidelines Use this command to show the syslog default facility used for logging messages.

Examples

```
admin:show syslog facility

Facility not set, using default of local0
```

Related Commands	Command	Description
	show syslog timezone	Shows the syslog time zone setting as either local time or GMT/UTC.
	show syslog version	Shows the syslog output version.

show syslog heartbeat facility

`show syslog heartbeat facility`

Syntax Description This command has no arguments or keywords.

Command Default No default behavior or values.

Command History	Release	Modifications
	1.5	This command was introduced.

Usage Guidelines Use this command to show the syslog heartbeat facility used for heartbeat messages.

Examples

```
admin:show syslog heartbeat facility
Facility not set, using default of local0
```

Related Commands	Command	Description
	show syslog heartbeat interval	Shows the currently configured heartbeat interval in minutes.
	show syslog heartbeat msg	Shows the configured heartbeat message test string.
	show syslog heartbeat severity	Shows the configured severity of the heartbeat messages.

show syslog heartbeat interval

`show syslog heartbeat interval`

Syntax Description This command has no arguments or keywords.

Command Default No default behavior or values.

Command History	Release	Modifications
	1.5	This command was introduced.

Usage Guidelines Use this command to show the syslog heartbeat interval in minutes. 0 minutes is disabled.

Examples

```
admin:show syslog heartbeat interval

Interval not set, using default of 0(disabled)
```

Related Commands	Command	Description
	show syslog heartbeat facility	Shows the configured facility configured for heartbeat messages.
	show syslog heartbeat msg	Shows the configured heartbeat message test string.
	show syslog heartbeat severity	Shows the configured severity of the heartbeat messages.

show syslog heartbeat msg

show syslog heartbeat msg

Syntax Description This command has no arguments or keywords.

Command Default No default behavior or values.

Command History	Release	Modifications
	1.5	This command was introduced.

Usage Guidelines Use this command to view the configured heartbeat message test string.

Examples

```
admin:show syslog heartbeat msg
```

Message not set, using default of "Syslog heartbeat message"

Related Commands	Command	Description
	show syslog heartbeat facility	Shows the configured facility configured for heartbeat messages.
	show syslog heartbeat interval	Shows the currently configured heartbeat interval in minutes.
	show syslog heartbeat severity	Shows the configured severity of the heartbeat messages.

show syslog heartbeat severity

show syslog heartbeat severity

Syntax Description This command has no arguments or keywords.

Command Default No default behavior or values.

Command History	Release	Modifications
	1.5	This command was introduced.

Usage Guidelines Use this command to view the configured severity of the heartbeat messages.

Examples

```
admin:show syslog heartbeat severity
Severity not set, using default of 6(info)
```

Related Commands	Command	Description
	show syslog heartbeat facility	Shows the configured facility configured for heartbeat messages.
	show syslog heartbeat interval	Shows the currently configured heartbeat interval in minutes.
	show syslog heartbeat msg	Shows the configured heartbeat message test string.

show syslog remote_server

show syslog remote_server

Syntax Description This command has no arguments or keywords.

Command Default No default behavior or values.

Command History	Release	Modifications
	1.7.0	This command was introduced.

Usage Guidelines Use this command to view the syslog remote server details.

Examples

```
admin:show syslog remote_server
```

```
Configured Remote Syslog Server : 10.00.000.008:514
Remote Syslog Server Severity : 4 (warning)
admin:
```

Related Commands	Command	Description
	show syslog server	View the syslog server details.

show syslog server

show syslog server

Syntax Description This command has no arguments or keywords.

Command Default No default behavior or values.

Command History	Release	Modifications
	1.7.0	This command was introduced.
	1.8	This command was removed.

Usage Guidelines Use this command to view the syslog server details.

Examples admin:show syslog server

Related Commands	Command	Description
	show syslog remote_server	View the syslog remote server details.

show syslog timezone

`show syslog timezone`

Syntax Description This command has no arguments or keywords.

Command Default No default behavior or values.

Command History	Release	Modifications
	1.5	This command was introduced.

Usage Guidelines Use this command to view the syslog time zone setting as either local time or GMT/UTC.

Examples

```
admin:show syslog timezone

Timezone not set, using default of GMT/UTC
```

Related Commands	Command	Description
	show timezone config	Displays the current timezone setting in long format.
	show timezone list	Lists all the available timezones in long format.

show syslog version

show syslog version

Syntax Description This command has no arguments or keywords.

Command Default No default behavior or values.

Command History	Release	Modifications
	1.5	This command was introduced.

Usage Guidelines Use this command to view the syslog output version, either CiscoLog v1.1 or IETF/RFC Syslog Protocol Version 1.

Examples

```
admin:show syslog version

Version is not set, using default of IETF/RFC Syslog Protocol v1 format
```

Related Commands	Command	Description
	show syslog facility	Shows the syslog default facility used for logging messages
	show syslog timezone	Shows the syslog time zone setting as either local time or GMT/UTC

show tech network

show tech network [page]

Syntax Description	page	Optional. Pages through the output.
---------------------------	-------------	-------------------------------------

Command Default	No default behavior or values.
------------------------	--------------------------------

Command History	Release	Modifications
	1.2	The command was introduced.

Usage Guidelines	Use this command to view network aspects of the machine. This command also shows detailed information about the following:
-------------------------	--

- Ethernet interfaces
- Routes
- Host file
- Resolver file
- Network connections

Examples	admin: show tech network
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Related Commands	Command	Description
	show tech runtime	Shows runtime aspects of the machine.
	show tech system	Shows system aspects of the machine.

show tech runtime

`show tech runtime [page]`

Syntax Description

<code>page</code>	Optional. Pages through the output.
-------------------	-------------------------------------

Command Default

No default behavior or values.

Command History

Release	Modifications
1.2	The command was introduced.

Usage Guidelines

Use this command to view runtime aspects of the machine. This command also shows detailed information about the following:

- Environment variables
- System resources
- Processor usage
- NV registry
- FW registry

Examples

```
admin:show tech runtime page 1

----- show platform runtime -----

environment variables
ConsoleRows=23
SHELL=/usr/local/bin/startcli
TERM=vt100
SSH_CLIENT=111.70.11.114 2446 22
SSH_TTY=/dev/tty1
ConsoleColumns=62
USER=admin
PATH=/bin:/usr/bin:/usr/sbin:/sbin:/usr/local/bin:/usr/local/sbin:.
MAIL=/var/mail/admin
PWD=/nv/home/admin
LANG=en_US
paramLine=name=admin priv=4 role=master
HOME=/nv/home/admin
SHLV=2
LOGNAME=admin
SSH_CONNECTION=111.70.11.114 2446 10.32.49.141 22
UPG_RUNNING=0
:enter for 1 line, space for one page, q to quit
```

Related Commands

Command	Description
show tech network	Shows network aspects of the machine.
show tech system	Shows system aspects of the machine.

show tech system

`show tech system [page]`

Syntax Description

<code>page</code>	Optional. Pages through the output.
-------------------	-------------------------------------

Command Default

No default behavior or values.

Command History

Release	Modifications
1.2	The command was introduced.

Usage Guidelines

Use this command to view system aspects of the machine. This command also shows the following:

- Machine name
- Software modules
- Hardware pci bus
- Security information

Examples

```
admin:show tech system
```

Related Commands

Command	Description
show tech network	Shows network aspects of the machine.
show tech runtime	Shows runtime aspects of the machine.

show timezone config

show timezone config

Syntax Description This command has no arguments or keywords.

Command Default No default behavior or values.

Command History	Release	Modifications
	1.2	This command was introduced.

Usage Guidelines Use this command to display the current timezone setting in long format.

Examples

```
admin:show timezone config

Current timezone: (GMT+10:00) Canberra, Melbourne, Sydney
```

Related Commands	Command	Description
	show timezone list	Lists all the available timezones in long format.

show timezone list

`show timezone list [page]`

Syntax Description

page	Optional. Pages through the output.
-------------	-------------------------------------

Command Default

No default behavior or values.

Command History

Release	Modifications
1.2	The command was introduced.
1.8	This command was removed.

Usage Guidelines

Use this command to list all the available timezones in long format.

Examples

```
admin:show timezone list

(GMT-12:00) Eniwetok, Kwajalein
(GMT-11:00) Midway Island, Samoa
(GMT-10:00) Hawaii
:
:
(GMT+12:00) Auckland, Wellington
(GMT+13:00) Nuku\x27alofa

Current timezone: (GMT+10:00) Canberra, Melbourne, Sydney
```

Related Commands

Command	Description
show timezone config	Displays the current timezone setting in long format

show tls version

show tls version {client | server}

Syntax Description

client	Displays the TLS version in use for the client interfaces.
server	Displays the TLS version in use for the server interfaces.

Command Default

No default behavior or values.

Command History

Release	Modifications
IX 8.2.2	This command was introduced.

Usage Guidelines

This command displays the TLS protocol version enabled for the IX system's client or server interfaces.

Examples

```
admin:show tls version client
TLSv1_2 Enabled
```

Related Commands

Command	Descriptions
set tls version	Sets the TLS version enabled for the IX system's client and server interfaces.

show touch switchmodel

show touch switchmodel

Syntax Description This command has no arguments or keywords.

Command Default No default behavior or values.

Command History	Release	Modifications
	IX 8.2.1	This command was introduced.

Usage Guidelines This command displays the model for the switch connected.

Examples

```
admin:show touch switchmodel
swfront.local Model number           : WS-C2960C-8PC-L
swright.local Model number            : WS-C2960C-8PC-L
swleft.local Model number              : WS-C2960C-8PC-L
```

show upgrade

`show upgrade [detail]`

Syntax Description	detail	Optional. Displays detailed information regarding upgrade.
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Command Default	No default behavior or values.
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Command History	Release	Modifications
	1.2	This command was introduced.
	IX 8.0	Deprecated. This command does not exist in IX 8.0.

Usage Guidelines	Use this command to view upgrade status. The detail keyword will show the current versions of the peripherals as well as the peripheral firmware versions in the image. If a peripheral has been marked for forced upgrade with the set upgrade commands, the entry will be followed by an “F” in the output. See Set Commands and Unset Commands .
------------------	---

Examples

```
admin:show upgrade
```

```
There are no peripherals being upgrade at this time
left sub system...
There are no peripherals being upgrade at this time
right sub system...
There are no peripherals being upgrade at this time
```

show version

show version

Syntax Description This command has no arguments or keywords.

Command Default No default behavior or values.

Command History	Release	Modifications
	1.2	This command was introduced.

Usage Guidelines Use this command to retrieve the version number of the software on the system. There will be an asterisk next to the currently booted version.

Examples

```
admin:show version

Slot0 = SIPTS 1.0.0.201
*Slot1 = SIPTS 1.0.2.101
Slot2 = SIPTS 1.0.1.045
```

show video h265

show video h265

Syntax Description This command has no arguments or keywords.

Command Default No default behavior or values.

Command History	Release	Modifications
	IX 8.0.3	This command was introduced.

Usage Guidelines Use this command to see whether the H.265 High Efficiency Video Coding (HEVC) standard is enabled or disabled for your system.

Examples

```
admin: show video h265
Disabled
```

Related Commands	Command	Description
	set video h265	Enables or disables the H.265 standard.

show video status

show video status

Syntax Description This command has no arguments or keywords.

Command Default No default behavior or values.

Command History	Release	Modifications
	IX 8.0	Deprecated. This command doesn't exist in IX 8.0.

Usage Guidelines Use this command to view video status.

Examples admin:`show video status`

Related Commands	Command	Description
	show audio status	Displays audio status.

