



CHAPTER 5

CTRS Show Commands

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**Note**

For information about using the CTRS administration software, refer to the *Cisco TelePresence Recording Server Release 1.8 Administration Guide* at the following URL:

http://www.cisco.com/en/US/products/ps10341/prod_maintenance_guides_list.html

show account

show account

Syntax Description	None
---------------------------	------

Command Modes	Admin
----------------------	-------

Command History	Release	Modifications
	1.6	This command was first documented.

Usage Guidelines	Use this command to display a list of all administrative accounts except for the master administrator account.
-------------------------	--

Examples	<pre>admin:show account Name = test, Privilege = 1</pre>
-----------------	--

show accountlocking

show accountlocking

Syntax Description	None
--------------------	------

Command Modes	Admin
---------------	-------

Command History	Release	Modifications
	1.8	This command was first documented.

Usage Guidelines	This command shows the current account locking settings.
------------------	--

Examples	<pre>admin:show accountlocking Account Lockout is disabled</pre>
----------	--

show activesessions all

show activesessions all

Syntax Description	None
--------------------	------

Command Modes	Admin
---------------	-------

Command History	Release	Modifications
	1.6	This command was first documented.

Usage Guidelines	Use this command to display all active recordings and replays.
------------------	--

Examples	<pre>admin:show activesessions all Setting active types to all *****Active Call(s) ***** *****</pre>
----------	--

show activesessions both

show activesessions both

Syntax Description None

Command Modes Admin

Command History	Release	Modifications
	1.6	This command was first documented.

Usage Guidelines Use this command to display all active bidirectional sessions.

Examples

```
admin:show activesessions both
Setting active types to bidirectional
*****Active Call(s) *****
*****
```

show activesessions recordings

show activesessions recordings

Syntax Description	None
--------------------	------

Command Modes	Admin
---------------	-------

Command History	Release	Modifications
	1.6	This command was first documented.

Usage Guidelines	Use this command to display all active recordings.
------------------	--

Examples	<pre>admin:show activesessions recordings Setting active types to recordings *****Active Call(s) ***** *****</pre>
----------	--

show activesessions replays

show activesessions replays

Syntax Description	None
---------------------------	------

Command Modes	Admin
----------------------	-------

Command History	Release	Modifications
	1.6	This command was first documented.

Usage Guidelines	Use this command to display all active replays.
-------------------------	---

Examples	<pre>admin:show activesessions replays Setting active types to replays *****Active Call(s) ***** *****</pre>
-----------------	--

show cert list

show cert list {own | trust}

Syntax Description

own	Display digital security certificates owned by the CTRS
trust	Display digital security certificates trusted by the CTRS

Command Modes

Admin

Command History

Release	Modifications
1.8	This command was first documented.

Usage Guidelines

Use this command to display a list of digital security certificates installed and accepted on the CTRS.

Examples

```
admin:show cert list own
```

```
tomcat/tomcat.pem:  
ipsec/ipsec.pem:
```

Example with **trust** keyword:

```
admin:show cert list trust  
  
tomcat-trust/mygroup-lab1-ctrs.cisco.com.pem:
```

show cert own

show cert own *name*

Syntax Description	<i>name</i>	The name of the digital security certificate
Command Modes	Admin	
Command History	Release	Modifications
	1.8	This command was first documented.
Usage Guidelines	Use this command to display a digital security certificate owned by the CTRS.	

Examples

```
admin:show cert own tomcat/tomcat.pem
Certificate:
  Data:
    Version: 3 (0x2)
    Serial Number:
      6f:f2:01:1a:af:87:95:ee
    Signature Algorithm: sha1WithRSAEncryption
    Issuer: CN=mygroup-lab1-ctrs.cisco.com, OU=TSBU, O=Cisco, L=San Jose, ST=CA, C=US
    Validity
      Not Before: Jun  6 18:17:50 2011 GMT
      Not After : Jun  6 18:17:50 2016 GMT
    Subject: CN=mygroup-lab1-ctrs.cisco.com, OU=TSBU, O=Cisco, L=San Jose, ST=CA, C=US
    Subject Public Key Info:
      Public Key Algorithm: rsaEncryption
      RSA Public Key: (2048 bit)
        Modulus (2048 bit):
          00:b3:ae:ee:55:6d:82:93:01:a6:3c:66:f1:5e:3d:
          43:be:52:0a:8f:d0:5b:c8:bd:0f:cb:cf:82:b0:b6:
          66:37:0c:1a:32:42:72:16:e0:f3:ee:70:ce:d1:ee:
          4f:3d:65:d2:af:64:47:93:62:02:55:76:f1:91:a2:
          b6:68:8d:92:86:6f:d4:7d:3e:28:56:eb:e9:2b:4f:
          42:0f:d3:bd:ea:5b:3a:4b:b5:b8:2d:c0:2b:21:46:
          df:01:53:b1:fa:5e:53:ac:b4:87:e9:75:0c:c0:88:
          13:69:f2:26:c2:a4:7d:23:e8:a6:99:a1:fa:ac:86:
          34:08:fa:90:5d:f7:86:e3:4f:c7:be:00:d4:cd:d3:
          c3:78:3d:3b:7c:35:84:1b:6f:f8:96:8b:41:bd:f1:
          7e:7a:df:c3:1c:c9:96:d8:83:12:83:1e:8c:72:df:
          44:d4:ae:2f:96:bd:f7:51:7e:f1:6b:a2:6e:33:77:
          22:59:09:86:c1:50:d5:5f:35:78:d1:b6:9b:05:09:
          e3:ff:a8:ee:0b:2a:78:df:04:22:bb:04:59:84:7d:
          99:f6:99:ac:51:aa:aa:53:cc:43:dc:7a:80:f3:8e:
          80:fc:d0:40:30:78:fe:28:2d:e1:ff:b0:b4:30:d1:
          ca:2e:6a:46:7c:d8:ea:21:e3:ac:ae:f3:13:5c:ea:
          64:61
        Exponent: 65537 (0x10001)
    X509v3 extensions:
      X509v3 Key Usage:
```

```

    Digital Signature, Key Encipherment, Data Encipherment, Key Agreement,
Certificate Sign
    X509v3 Extended Key Usage:
    TLS Web Server Authentication, TLS Web Client Authentication, IPSec End System
    X509v3 Subject Key Identifier:
    69:A1:51:53:3D:26:1E:93:4B:7F:B3:71:FD:8A:A7:34:9D:C1:75:02
Signature Algorithm: sha1WithRSAEncryption
    64:74:4e:e1:1d:ae:0a:67:99:2c:05:a7:37:8f:db:b1:19:fe:
    08:21:9c:50:16:eb:51:f4:b9:48:c4:2e:ac:6b:e0:4f:44:32:
    f9:f0:21:91:19:5b:4d:f8:a9:8c:d3:c1:8a:ab:13:02:e8:44:
    a5:12:3b:be:a8:da:e2:a1:6c:93:d5:a3:92:44:c9:1d:f8:7f:
    75:49:b3:88:e6:fe:c7:34:32:5e:bd:21:54:fe:ca:8c:14:88:
    a4:4b:17:42:0f:d5:e2:e8:df:f2:03:19:47:76:94:d6:7b:fc:
    d8:36:04:15:ce:3e:21:a2:69:a0:f6:4b:0e:9e:1c:1d:3e:65:
    a1:d6:0c:b4:18:fa:27:8a:8f:7c:2c:23:eb:c9:0f:c4:c1:8a:
    eb:a7:c8:a9:7b:e1:c1:a3:1a:dd:b3:02:96:cb:b1:71:b2:1f:
    11:70:c6:ca:88:03:50:e5:f9:61:07:64:63:5a:46:7e:2e:30:
    3f:9b:77:d0:00:01:ca:b7:a0:34:33:30:58:18:22:f8:cb:bf:
    6a:40:a3:1d:e5:dd:d0:bd:d9:ae:3c:c5:2e:51:87:0e:c2:b4:
    ae:35:d4:09:82:76:7f:fc:f7:a7:24:c8:90:2c:6e:fc:65:c9:
    48:c9:5d:be:9a:f6:2f:00:2f:d8:36:3f:4d:78:67:be:a9:b9:
    7b:d8:4d:3e
-----BEGIN CERTIFICATE-----
MIIDtZCCAp+gAwIBAgzIb/IDGq6HlRgwDQYJKoZIhvcNAQEFBQAwbzEhMB8GA1UE
AwwYdHNi dS1kb2NzLWN0bXMuY21zY28uY29tMQ0wCwYDVQQwLDAU0JVMQ4wDAYD
VQQKDAVDaXNjbzERMA8GA1UEBwwIU2FuIEpvc2UxCzAJBgNVBAGMAkNBMQswCQYD
VQQGEwJVUzAeFw0xMTA2MaYxODE3NTBaFw0xNjA2MDYxODE3NTBaMG8xITAfBgNV
BAMMGHRzYnUtZG9jcy1jdG1zLmNpc2NvLmNvbTENMA8GA1UECwwEVFNCVTEOMAwG
A1UECgwFQ21zY28xETAPBgNVBACMFNhb1BKB3NlMQswCQYDVQQIDAJDQTELMAKG
A1UEBhMCVVMwggEiMA0GCSqGSIb3DQEBBQUAA4IcDwAwggEKAoIBAQCzrn9VbYKT
AaY8ZvFePUO+UgqP0FvIvQ/Lz4KwtmY3DBoyQnIW4KXucM7R7k89ZdKvZEeTYgJV
dvGRorZojZKGB9R9PihW6+krT0IP073qWzpLtbgtwCshRt8BU7H6X1ostIfpdQzA
iBNp8ibCpH1h6KaZofqshjQI+pBd94bjT8e+ANTN08N4PTt8NYQbb/iWi0G98X56
38McyZbYgxKDHOxy30TUri+WvfdRfvFrsG4zdyJZCYbBUNVfNXjRtptsFCeP/qO4L
Knj fBCK7BFmEfZn2maxRqqpTzEPceoRzjoD80EAweP4oLeH/sLQw0couakZ82Ooh
46yu8xNc6mRhAgMBAAGjVzBVMAsGA1UdDwQEAwICvDAnBgNVHSUEIDAeBggrBgEF
BQcDAQYIKwYBBQUHAWIGCCSGAQUFBwMFMB0GA1UdDgQWBRRpsVFT/SYek0t/s3Gt
iqc0zcF1AjANBgkqhkiG9w0BAQUFAAOCAQEAEAZHROwR2uCmeZLAWnN4/bsRn+CCGc
UBBrUfS5SMQurGvgT0Qy+fAhkRlLTfipjNPBiqs3AuhEpRI7vqja4qFsk9WjkkTJ
Hfh/dUmziOb+XwQyXr0hVP7KjBSIpEsXQg/V4ujf8gMZR3aU1nv82DYEFc4+IaJp
oPZLDp4cHT5lodYmtBj6J4qPbCwj68kPxMGK66fIqXvhwaMa3bMCl suxcbIfEXDG
yogDUOX5YQdkZVpGfi4wP5t30AABYregNDMwWBgi+Mu/akCjHeXd0L3ZrjzFLLGH
DsK0rjXUCYJ2f/z3pyTikCxi/GXJSMldvpr2LwAv2DY/TXhnmqm5e9hNPg==
-----END CERTIFICATE-----

```

show cert trust

show cert trust *name*

Syntax Description	<i>name</i>	The name of the digital security certificate
Command Modes	Admin	
Command History	Release	Modifications
	1.8	This command was first documented.
Usage Guidelines	Use this command to display a digital security certificate trusted by the CTRS.	

Examples

```
admin:show cert trust tomcat-trust/mygroup-lab1-ctrs.cisco.com.pem
Certificate:
  Data:
    Version: 3 (0x2)
    Serial Number:
      6f:a2:03:1a:ae:82:95:e8
    Signature Algorithm: sha1WithRSAEncryption
    Issuer: CN=mygroup-lab1-ctrs.cisco.com, OU=TSBU, O=Cisco, L=San Jose, ST=CA, C=US
    Validity
      Not Before: Jun  6 18:17:50 2011 GMT
      Not After : Jun  6 18:17:50 2016 GMT
    Subject: CN=mygroup-lab1-ctrs.cisco.com, OU=TSBU, O=Cisco, L=San Jose, ST=CA, C=US
    Subject Public Key Info:
      Public Key Algorithm: rsaEncryption
      RSA Public Key: (2048 bit)
        Modulus (2048 bit):
          00:ba:ae:7f:55:6d:82:93:01:a6:3c:66:f1:5e:3d:
          43:be:52:0a:8f:d0:5b:c8:bd:0f:cb:cf:82:b0:b6:
          66:37:0c:1a:32:42:72:16:e0:a5:ee:70:ce:d1:ee:
          4f:3d:65:d2:af:64:47:93:62:02:55:76:f1:91:a2:
          b6:68:8d:92:82:6f:d4:7d:3e:28:56:eb:e9:2b:4f:
          42:0f:d3:bd:ea:5b:3a:4b:b5:b8:2d:c0:2b:21:46:
          df:01:53:b1:fa:5e:53:ac:b4:87:e9:75:0c:c0:88:
          13:69:f2:26:c2:a4:7d:61:e8:16:99:a1:fa:ac:86:
          34:08:fa:90:5d:f7:86:e3:4f:c7:be:00:d4:cd:d3:
          c3:78:3d:3b:7c:35:84:1b:6f:f8:96:8b:41:bd:f1:
          7e:7a:df:c3:1c:c9:96:d8:83:12:83:1f:8c:72:df:
          44:d4:ae:2f:96:bd:f7:51:7e:f1:6b:b0:6e:33:77:
          22:59:09:86:c1:50:d5:5f:35:78:d1:b6:9b:05:09:
          e3:ff:a8:ee:0b:2a:78:df:04:22:bb:04:59:84:2d:
          99:f6:99:ac:51:aa:aa:53:cc:43:dc:7a:80:f3:8e:
          80:fc:d0:40:30:78:fe:28:2d:e1:ff:b0:b4:30:d1:
          ca:2e:6a:46:7c:d8:ea:21:e3:ac:ae:f3:13:5c:ea:
          64:61
        Exponent: 65537 (0x10001)
      X509v3 extensions:
        X509v3 Key Usage:
```

```
Digital Signature, Key Encipherment, Data Encipherment, Key Agreement,
Certificate Sign
X509v3 Extended Key Usage:
  TLS Web Server Authentication, TLS Web Client Authentication, IPSec End System
X509v3 Subject Key Identifier:
  69:B1:5a:53:FD:26:1E:93:6B:7F:B3:71:AD:8D:A7:34:CD:C1:75:02
Signature Algorithm: sha1WithRSAEncryption
  64:74:4e:c1:1d:ae:0a:67:99:2c:02:a7:37:8f:db:b1:19:fe:
  08:21:9c:50:16:eb:51:f4:b9:48:c4:2e:ac:6b:e0:4f:44:32:
  f9:f0:21:91:19:4b:4d:f8:a9:8c:d3:c1:8a:ab:13:02:e8:44:
  a5:12:3b:be:a8:da:e2:a1:6c:93:d5:a3:92:44:c9:1d:f8:7f:
  75:49:b3:88:e6:fe:c7:04:32:5e:bd:27:54:fe:ca:8c:14:88:
  a4:4b:17:42:0f:d5:e2:e8:df:f2:03:19:47:76:94:d6:7b:fc:
  d8:36:04:15:ce:3f:21:a2:69:a0:f6:4b:0e:9e:1c:1d:3e:65:
  a1:d6:0c:b4:18:fa:27:8a:8f:6c:2c:23:eb:c9:0f:c4:c1:8a:
  eb:a7:c8:a9:7b:e1:c1:a3:1a:dd:b3:02:96:cb:b1:71:b2:1f:
  11:70:c6:ca:88:03:50:e5:f9:61:07:64:65:5a:46:7f:2e:30:
  3f:9b:77:d0:00:01:ca:b7:a0:34:33:30:58:18:22:f8:cb:bf:
  6a:40:a3:1d:e5:dd:f0:bd:d9:ae:3c:c5:2e:51:87:0e:c2:b4:
  ae:35:d4:09:82:76:7f:fc:f7:a7:24:c8:90:2c:62:fc:65:c9:
  48:c9:5d:be:9a:f6:2f:00:2f:d8:36:3f:4d:78:67:be:a9:b9:
  7b:d8:4d:3e
```

show cli pagination

show cli pagination

Syntax Description	None
---------------------------	------

Command Modes	Admin
----------------------	-------

Command History	Release	Modifications
	1.6	This command was first documented.

Usage Guidelines	Use this command to check the status of automatic pagination.
-------------------------	---

Examples	admin: show cli pagination Automatic Pagination : Off
-----------------	---

show csr list

show csr list own

Syntax Description	None
---------------------------	------

Command Modes	Admin
----------------------	-------

Command History	Release	Modifications
	1.8	This command was first documented.

Usage Guidelines	Use this command to display a list of active Certificate Signing Requests (CSRs) requesting digital security certificates from a Certificate Authority Proxy Function (CAPF) server.
-------------------------	--

Examples	<pre>admin:show csr list own tomcat/tomcat.csr</pre>
-----------------	---

show csr own

show csr own *name*

Syntax Description	<i>name</i>	The name of the Certificate Signing Request (CSR)
Command Modes	Admin	
Command History	Release	Modifications
	1.8	This command was first documented.
Usage Guidelines	Use this command to display a Certificate Signing Request (CSR) requesting a digital security certificate from a Certificate Authority Proxy Function (CAPF) server.	

Examples

```
admin:show csr own tomcat/tomcat.csr
-----BEGIN CERTIFICATE REQUEST-----
MIIDBwCCAewCAQAweDEhMB8GA1UEAwwYdHNidS1kb2NzLWN0bXMuY21zY28uY29t
MQ0wCwYDVQQLDARUU0JVMQ4wDAYDVQQKDAVDaXNjbzESMBAGA1UEBwwJU3Vubnl2
YWxlMRMwEQYDVQQIDApDYWxpZm9ybm1hMQswCQYDVQQGEwJVUzCCASIwDQYJKoZI
hvcNAQEBBQAA3ggEPADCCAQoCggEBAJ9TxvkOi1uwnN29T05b9gjEGMi2u6pHZJ8b
yGaxibrZDjLftsw3uRsmzPj/7zMXCzBNQLY21yi5gFL3gCn1grIW4LaBzNSpazOW
OQrRMENB0pEuu7YF1vvVryhPjtbZG1sdy2L+N1qStyI9EuqhgOmJQHTagTYluFY
1xl/qsWZhgm1NuUMgpeFb4nfs4c2paRgxf0zJCblfXxVh6QsOZANcj9m1nLslafz
q6wQ1R+8e6IZJQUWtOAGDIDOOmbjudlU1xI8SvRzJr7PLdm2uDYZb7BrdYotoS+t
USbVHJRXewgN1GsoRoF1ZgXnVBPhXvgJmdBX8ZKLtke+EEsP89UCAwEAAaBHMEUG
CSqGSIB3DQEJDDjE4MDYwCwYDVROPAQAQDAgK8MCcGA1UdJQQgMB4GCCsGAQUFBwMB
BggrBgEFBQcDAGYIKwYBBQUHAWUwDQYJKoZIhvcNAQEFBQADggEBABT3IVWOrzwf
TI2izW0LpMEVdxQ3bI8sUGKj4jNQ01TwtvjN4u5MFMHq6SrGKVzzNI9xaERojaRD
8G6OLNmx2QtzKY15vdJoL1+TiE/D+5tEejtGsi8LIaYCLBMvReyP7PBPl4vswQ0g
M2PIoP+LefnMayg4szAWafaQWwsJsfs4q1DgfggRFR6Bi3o2KuytXuTh6av6HYr
3ie1AODnZL9BiirYaz4Nk4JdG2zTd4RcWBoTHMd3Av3y90DwvLirXqbYt5+iLjRl
Ms8GugodMWY1KtGFTPCJgemdFPVIFBJdFTpGr/pdwThPQAKXKvXE5VuVepJMJQWU
4vRrp/HFZiw=
-----END CERTIFICATE REQUEST-----
```

show date

show date

Syntax Description	None
---------------------------	------

Command Modes	Admin
----------------------	-------

Command History	Release	Modifications
	1.8	This command was first documented.

Usage Guidelines	Use this command to view the date and time configured on the CTRS.
-------------------------	--

Examples	<pre>admin:show date Tue Jul 12 15:03:49 PDT 2011</pre>
-----------------	---

show diskalertthreshold

show diskalertthreshold

Syntax Description	None
---------------------------	------

Command Modes	Admin
----------------------	-------

Command History	Release	Modifications
	1.6	This command was first documented.

Usage Guidelines	Use this command to show the disk percent usage that will trigger an alert to an administrator.
-------------------------	---

Examples	<pre>admin: show diskalertthreshold Disk Alert Threshold: 80 Alert Admin at Email:</pre>
-----------------	--

show diskusage activelog

show diskusage activelog [*file fname*] [*directory*] [*sort*]

Syntax Description

file <i>fname</i>	Save output in a file format.
directory	View directory sizes only, in 1024 byte blocks.
sort	Sort output by size.

Command Modes

Admin

Command History

Release	Modifications
1.6	This command was first documented.

Usage Guidelines

Use this command to display the disk usage of the active log directories as well as the usage of the disk partition on which they exist. You can view the saved output file by using the **file view activelog** command.

Examples

```
admin:show diskusage activelog
This command can take significantly long time,
and can also effect the system wide IOWAIT on your system.
Continue (y/n)?
```

show diskusage common

show diskusage common [*file fname*] [*directory*] [*sort*]

Syntax Description

file <i>fname</i>	Save output in a file format.
directory	View directory sizes only, in 1024 byte blocks.
sort	Sort output by size in 1024 byte blocks.

Command Modes

Admin

Command History

Release	Modifications
1.6	This command was first documented.

Usage Guidelines

Use this command to display the disk usage of the common directories as well as the usage of the disk partition on which they exist. You can view the saved output file by using the **file view activelog** command.

Examples

```
admin:show diskusage common
```

This command can take significantly long time,
and can also effect the system wide IOWAIT on your system.
Continue (y/n)

show diskusage inactivelog

show diskusage inactivelog [*file fname*] [*directory*] [*sort*]

Syntax Description	file <i>fname</i>	Save output in a file format.
	directory	View directory sizes only, in 1024 byte blocks.
	sort	Sort output by size in 1024 byte blocks.

Command Modes	Admin
---------------	-------

Command History	Release	Modifications
	1.6	This command was first documented.

Usage Guidelines	Use this command to display the disk usage of the inactive directories as well as the usage of the disk partition on which they exist. You can view the saved output file by using the file view inactivelog command.
------------------	--

Examples	<pre>admin:show diskusage inactivelog This command can take significantly long time, and can also effect the system wide IOWAIT on your system. Continue (y/n)?</pre>
----------	---

show diskusage install

show diskusage install [*file fname*] [*directory*] [*sort*]

Syntax Description

file <i>fname</i>	Save output in a file format. The file will be saved as platform/cli/fname.
directory	View directories only in 1024 byte blocks.
sort	Sort output by size in 1024 byte blocks.

Command Modes

Admin

Command History

Release	Modifications
1.6	This command was first documented.

Usage Guidelines

Use this command to display the disk usage of the install directories as well as the usage of the disk partition on which they exist. You can view the saved output file by using the **file view install** command.

Examples

```
admin:show diskusage install
```

This command can take significantly long time,
and can also effect the system wide IOWAIT on your system.
Continue (y/n)?

show diskusage tmp

show diskusage tmp [*file fname*] [*directory*] [*sort*]

Syntax Description

file <i>fname</i>	Save output in a file format. The file will be saved as platform/cli/fname.
directory	View directories only in 1024 byte blocks.
sort	Sort output by size in 1024 byte blocks.

Command Modes

Admin

Command History

Release	Modifications
1.6	This command was first documented.

Usage Guidelines

Use this command to display the disk usage of the temporary directories as well as the usage of the disk partition on which they exist. You can view the saved output file by using the **file view activelog** command.

Examples

admin:**show diskusage tmp**

This command can take significantly long time,
and can also effect the system wide IOWAIT on your system.
Continue (y/n)?

show diskspace left

show diskspace left

Syntax Description	None
---------------------------	------

Command Modes	Admin
----------------------	-------

Command History	Release	Modifications
	1.6	This command was first documented.

Usage Guidelines	Use this command to display the amount of media diskspace left.
-------------------------	---

Examples	<pre>admin:show diskspace left Disk Space: 621G</pre>
-----------------	---

show diskspace used

show diskspace used

Syntax Description	None
---------------------------	------

Command Modes	Admin
----------------------	-------

Command History	Release	Modifications
	1.6	This command was first documented.

Usage Guidelines	Use this command to display the amount of media diskspace used.
-------------------------	---

Examples	<pre>admin:show diskspace used Disk Space: 18G</pre>
-----------------	--

show environment fans

show environment fans

Syntax Description None

Command Modes Admin

Command History	Release	Modifications
	1.8	This command was first documented.

Usage Guidelines Use this command to display the status of the fans in the CTRS

Examples

```
admin:show environment fans
(RPMS)
      ID          Current    Lower
      ID          Current    Critical
      ID          Current    Threshold  Status
Fan Sensor 1      1875        250        OK
Fan Sensor 2      1400        250        OK
Fan Sensor 3      2300        250        OK
```

show environment power-supply

show environment power-supply

Syntax Description	None
---------------------------	------

Command Modes	Admin
----------------------	-------

Command History	Release	Modifications
	1.8	This command was first documented.

Usage Guidelines	Use this command to display the status of the power supplies in the CTRS
-------------------------	--

Examples	<pre>admin:show environment power-supply ID Status Power Supply 1 OK Power Supply 2 Error</pre>
-----------------	--

show environment temperatures

show environment temperatures

Syntax Description None

Command Modes Admin

Command History	Release	Modifications
	1.8	This command was first documented.

Usage Guidelines Use this command to display data from the CTRS temperature sensors. Temperature data is displayed in degrees Celsius, along with non-critical and critical temperature thresholds for each sensor.

Examples

```
admin:show environment temperatures
(Celcius)
          ID          Current  Non-Critical  Critical
          ID          Current  Threshold    Threshold
          ID          Current  Lower  Upper  Lower  Upper  Location
Temperature Sensor 2    24      37      38      39      45      1
```

show hardware

show hardware

Syntax Description	None
---------------------------	------

Command Modes	Admin
----------------------	-------

Command History	Release	Modifications
	1.6	This command was first documented.

Usage Guidelines	Use this command to display basic platform hardware information.
-------------------------	--

Examples	<pre>admin:show hardware HW Platform : 7845H2 Processors : 2 Type : Family: Xeon CPU Speed : 2333 Memory : 4096 MBytes Object ID : 1.3.6.1.4.1.9.1.586 OS Version : UCOS 4.0.0.0-27 Serial Number : 2UX90700FN RAID Version : RAID Firmware Version: 5.26 RAID BIOS Version: N/A BIOS Information : 11/01/2008 RAID Details : Smart Array P400 in Slot 1 Bus Interface: PCI Slot: 1 Serial Number: PAFGK0P9VWS6D8 Cache Serial Number: PA82C0J9SWV3HL RAID 6 (ADG) Status: Enabled RAID 6 (ADG) Enabler Status: Enabled Controller Status: OK Chassis Slot: Hardware Revision: Rev E Firmware Version: 5.26 Rebuild Priority: Medium Expand Priority: Medium Surface Scan Delay: 3 sec Cache Board Present: True Cache Status: OK Accelerator Ratio: 50% Read / 50% Write ...</pre>
-----------------	--

show hdcapable

show hdcapable

Syntax Description	None
--------------------	------

Command Modes	Admin
---------------	-------

Command History	Release	Modifications
	1.6	The command was first documented.

Usage Guidelines	Use this command to display whether High Definition(HD) video recording is enabled or disabled.
------------------	---

Examples	admin: show hdcapable HD Capability: Enabled
----------	--

show ldcapable

show ldcapable

Syntax Description	None
---------------------------	------

Command Modes	Admin
----------------------	-------

Command History	Release	Modifications
	1.6	The command was first documented.

Usage Guidelines	Use this command to display whether Low Definition (LD) video recording is enabled or disabled.
-------------------------	---

Examples	<pre>admin:show ldcapable CIF Capability: Enabled</pre>
-----------------	---

show logins

show logins [*number*]

Syntax Description	<i>number</i>	The optional parameter can be used to specify the number of displayed logins. A value of 0 will display all previously saved logins. The default is 20.
--------------------	---------------	---

Command Modes	Admin
---------------	-------

Command History	Release	Modifications
	1.6	The command was first documented.

Usage Guidelines	Use this command to display the last 20 platform admin logins.
------------------	--

Examples	<pre>admin:show logins admin pts/0 dhcp-171-70-13-1 Tue Dec 1 16:05 still logged in root pts/0 pnmars-61.cisco. Tue Dec 1 05:53 - 10:45 (04:52)</pre>
----------	--

show mediasecurity

show mediasecurity

Syntax Description	None
---------------------------	------

Command Modes	Admin
----------------------	-------

Command History	Release	Modifications
	1.6	The command was first documented.

Usage Guidelines	Use this command to display the configured box-level security for media.
-------------------------	--

Examples	<code>admin:show mediasecurity</code>
-----------------	---------------------------------------

show memory count

show memory count

Syntax Description	None
---------------------------	------

Command Modes	Admin
----------------------	-------

Command History	Release	Modifications
	1.8	The command was first documented.

Usage Guidelines	Use this command to display the number of memory modules installed in the CTRS.
-------------------------	---

Examples	<pre>admin:show memory count Total number of memory modules: 2</pre>
-----------------	--

show memory modules

show memory modules

Syntax Description	None
---------------------------	------

Command Modes	Admin
----------------------	-------

Command History	Release	Modifications
	1.8	The command was first documented.

Usage Guidelines	Use this command to display information about the memory modules installed in the CTRS.
-------------------------	---

Examples	admin: show memory modules
	Bank Locator Size Active Status
	BANK03 DIMM03 2048 MB TRUE OK
	BANK11 DIMM11 2048 MB TRUE OK

show memory size

show memory size

Syntax Description	None
---------------------------	------

Command Modes	Admin
----------------------	-------

Command History	Release	Modifications
	1.8	The command was first documented.

Usage Guidelines	Use this command to display the total amount of RAM, in gigabytes, installed in the CTRS.
-------------------------	---

Examples	<pre>admin:show memory size Total size of memory: 4.0 GB</pre>
-----------------	--

show myself

show myself

Syntax Description	None
---------------------------	------

Command Modes	Admin
----------------------	-------

Command History	Release	Modifications
	1.6	The command was first documented.

Usage Guidelines	Use this command to display information about the current account. The CLI “set commandcount” and “set logging” commands can be used to modify current account settings.
-------------------------	--

Examples	<pre>admin:show myself Machine Name : tsbu-ctrs-dev6 account name : admin privilege level : 4 command count : disabled logging setting : disabled</pre>
-----------------	---

show network all

show network all

Syntax Description None

Command Modes Admin

Command History	Release	Modifications
	1.6	The command was first documented.

Usage Guidelines Use this command to display all basic platform network information.



Note You can use the search option to selectively display the output.

Examples

```
admin:show network all
Ethernet 0
DHCP      : disabled           Status      : up
IP Address : 172.28.70.109     IP Mask    : 255.255.252.0
Link Detected: yes           Mode        : Auto enabled, Full, 1000 Mbits/s
Duplicate IP : no

DNS
Primary    : 171.70.168.183    Secondary   : Not Configured
Options    : timeout:5 attempts:2
Domain     : cisco.com
Gateway    : 172.28.68.1 on Ethernet 0
172.28.68.0/22 dev eth0 proto kernel scope link src 172.28.70.109
169.254.0.0/16 dev eth0 scope link
default via 172.28.68.1 dev eth0
Active Internet connections (servers and established)
Proto Recv-Q Send-Q Local Address           Foreign Address          State
tcp      0      0 localhost:3873           *:*                      LISTEN
tcp      0      0 *:12102                  *:*                      LISTEN
tcp      0      0 localhost:8999           *:*                      LISTEN
tcp      0      0 *:12104                  *:*                      LISTEN
tcp      0      0 *:5001                   *:*                      LISTEN
tcp      0      0 *:8009                   *:*                      LISTEN
tcp      0      0 *:32777                  *:*                      LISTEN
tcp      0      0 *:32778                  *:*                      LISTEN
tcp      0      0 localhost:1098           *:*                      LISTEN
tcp      0      0 *:32780                  *:*                      LISTEN
tcp      0      0 *:61455                  *:*                      LISTEN
tcp      0      0 *:webcache               *:*                      LISTEN
tcp      0      0 *:61456                  *:*                      LISTEN
tcp      0      0 *:61457                  *:*                      LISTEN
tcp      0      0 localhost:8083           *:*                      LISTEN
...
```

show network dhcp eth0 status

show network dhcp eth0 status

Syntax Description	None
--------------------	------

Command Modes	Admin
---------------	-------

Command History	Release	Modifications
	1.6	The command was first documented.

Usage Guidelines	Use this command to display the DHCP status for eth0.
------------------	---

Examples	admin:show network dhcp eth0 status
	DHCP is disabled for eth0
	Host ip address: 192.0.2.0 Net mask: 255.255.255.0 Gateway: 192.0.2.255

show network eth0

show network eth0 [**detail**] [**search** *searchtxt*]

Syntax Description

detail	Shows additional detail, specifically, receive and transmit data for the Ethernet interface.
search <i>searchtxt</i>	Optional search feature. The variable <i>searchtxt</i> is a text string. Output is limited to lines containing the text string. String cannot contain spaces or tabs and is case insensitive.

Command Modes

Admin

Command History

Release	Modification
1.6	The command was first documented.
1.8	The detail and search keywords were added.

Usage Guidelines

Use this command to display some basic platform network information about eth0.



Note

You can use the search option to selectively display the output.

Examples

admin:**show network eth0**

```
Ethernet 0
DHCP      : disabled           Status      : up
IP Address : 172.28.70.109     IP Mask    : 255.255.252.0
Link Detected: yes           Mode       : Auto enabled, Full, 1000 Mbits/s
Duplicate IP : no
```

```
DNS
Primary    : 171.70.168.183    Secondary  : Not Configured
Options    : timeout:5 attempts:2
Domain     : cisco.com
Gateway    : 172.28.68.1 on Ethernet 0
```

show network failover

show network failover

Syntax Description	detail	Shows additional detail.
	page	Pauses output after one page.

Command Modes	Admin
---------------	-------

Command History	Release	Modification
	1.6	This command was first documented.
	1.8	The detail and page keywords were added.

Usage Guidelines	Use this command to display NIC Teaming network fault tolerance information.
------------------	--

Examples	<pre>admin:show network failover Network Fault Tolerance is not configured.</pre>
----------	---

show network ip_conntrack

show network ip_conntrack

Syntax Description	None
---------------------------	------

Command Modes	Admin
----------------------	-------

Command History	Release	Modifications
	1.6	This command was first documented.

Usage Guidelines	Use this command to display the current utilization of ip_conntrack.
-------------------------	--

Examples	admin: show network ip_conntrack
	35

show network ipprefs all

show network ipprefs all

Syntax Description None

Command Modes Admin

Command History	Release	Modifications
	1.6	This command was first documented.

Usage Guidelines Use this command to display all incoming ports that may be used on the product.

Examples

admin:**show network ipprefs all**

Application	IPProtocol	PortValue	Type	XlatedPort	Status	Description
sshd	tcp	22	public	-	enabled	sftp and ssh
access						
racoon	esp	-	public	-	disabled	ipsec
traffic						
racoon	udp	500	public	-	disabled	ipsec setup
port						
tomcat	tcp	8443	translated	443	enabled	secure web
access						
tomcat	tcp	8080	translated	80	enabled	web access
ntpd	udp	123	public	-	enabled	network time
sync						
dhcp6c	udp	546	public	-	disabled	DHCPv6
client						
netdump	udp	6666	public	-	disabled	this port
needs to be open on systems running the netdump server						
database	tcp	1533	public	-	enabled	database
partA port						
database	tcp	1534	public	-	disabled	database
partB port						
snmp	udp	161	public	-	disabled	snmp port
jboss	tcp	1044	public	-	disabled	jboss debug
port						
ALL	tcp	32768:61000	public	-	enabled	generic
ephemeral tcp ports						
ALL	udp	32768:61000	public	-	enabled	generic
ephemeral udp ports						
...						

show network ipprefs enabled

show network ipprefs enabled

Syntax Description None

Command Modes Admin

Command History	Release	Modifications
	1.6	This command was first documented.

Usage Guidelines Use this command to display all incoming ports that are currently opened.

Examples

admin:**show network ipprefs enabled**

Application	IPProtocol	PortValue	Type	XlatedPort	Status	Description
sshd	tcp	22	public	-	enabled	sftp and ssh
access	tcp	8443	translated	443	enabled	secure web
tomcat	tcp	8080	translated	80	enabled	web access
ntpd	udp	123	public	-	enabled	network time
sync	tcp	1533	public	-	enabled	database
partA port	tcp	32768:61000	public	-	enabled	generic
ephemeral tcp ports	udp	32768:61000	public	-	enabled	generic
ALL	udp	32768:61000	public	-	enabled	generic
ephemeral udp ports						

show network ipprefs public

show network ipprefs public

Syntax Description None

Command Modes Admin

Command History	Release	Modifications
	1.6	This command was first documented.

Usage Guidelines Use this command to display all incoming ports that are currently opened for any remote client.

Examples

```
admin:show network ipprefs public
```

Application	IPProtocol	PortValue	Type	XlatedPort	Status	Description
sshd	tcp	22	public	-	enabled	sftp and ssh
access	tcp	8443	translated	443	enabled	secure web
tomcat	tcp	8080	translated	80	enabled	web access
ntpd	udp	123	public	-	enabled	network time
sync	tcp	1533	public	-	enabled	database
partA port	tcp	32768:61000	public	-	enabled	generic
ephemeral tcp ports	udp	32768:61000	public	-	enabled	generic
ephemeral udp ports						

show network max_ip_conntrack

show network max_ip_conntrack

Syntax Description	None
---------------------------	------

Command Modes	Admin
----------------------	-------

Command History	Release	Modifications
	1.6	This command was first documented.

Usage Guidelines	Use this command to display ip_conntrack_max information.
-------------------------	---

Examples	admin: show network max_ip_conntrack 65536
-----------------	--

show network route

show network route [**detail**] [**search** *searchtxt*]

Syntax Description	detail	Shows additional detail.
	search <i>searchtxt</i>	Optional search feature. The variable <i>searchtxt</i> is a text string. Output is limited to lines containing the text string. String cannot contain spaces or tabs and is case insensitive.

Command Modes Admin

Command History	Release	Modifications
	1.6	This command was first documented.
	1.8	The detail and search keywords were added.

Usage Guidelines Use this command to display basic network route information.

Examples

```
admin:show network route
10.94.150.0/24 dev eth0 proto kernel scope link src 10.94.150.94
169.254.0.0/16 dev eth0 scope link
default via 10.94.150.1 dev eth0
```

Example with optional **detail** keyword:

```
admin:show network route detail
10.22.148.0/24 dev eth0 proto kernel scope link src 10.22.148.144
169.254.0.0/16 dev eth0 scope link
default via 10.22.148.1 dev eth0
broadcast 127.255.255.255 dev lo table local proto kernel scope link src 127.0.0.1
broadcast 10.22.148.255 dev eth0 table local proto kernel scope link src 10.22.148.144
broadcast 169.254.0.0 dev usb0 table local proto kernel scope link src 169.254.1.102
local 10.22.148.144 dev eth0 table local proto kernel scope host src 10.22.148.144
local 169.254.1.102 dev usb0 table local proto kernel scope host src 169.254.1.102
broadcast 169.254.255.255 dev usb0 table local proto kernel scope link src
169.254.1.102
broadcast 10.22.148.0 dev eth0 table local proto kernel scope link src 10.22.148.144
broadcast 127.0.0.0 dev lo table local proto kernel scope link src 127.0.0.1
local 127.0.0.1 dev lo table local proto kernel scope host src 127.0.0.1
local 127.0.0.0/8 dev lo table local proto kernel scope host src 127.0.0.1
local ::1 via :: dev lo proto none metric 0 mtu 16436 advmss 16376 hoplimit 64
local fe80::e41f:13ff:fe29:79e3 via :: dev lo proto none metric 0 mtu 16436 advmss
16376 hoplimit 64
local fe80::e61f:13ff:fe30:29e0 via :: dev lo proto none metric 0 mtu 16436 advmss
16376 hoplimit 64
fe80::/64 dev usb0 metric 256 expires 2125938sec mtu 1500 advmss 1440 hoplimit 64
fe80::/64 dev eth0 metric 256 expires 2125939sec mtu 1500 advmss 1440 hoplimit 64
ff02::1:2 via ff02::1:2 dev eth0 metric 0
cache mtu 1500 advmss 1440 hoplimit 1
ff00::/8 dev usb0 metric 256 expires 2125938sec mtu 1500 advmss 1440 hoplimit 1
```

```
ff00::/8 dev eth0 metric 256 expires 2125939sec mtu 1500 advmss 1440 hoplimit 1
unreachable default dev lo proto none metric -1 error -101 hoplimit 255
```

show network status

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

Syntax Description

detail	Displays additional information.
listen	Displays information only about listening sockets.
process	Displays the process ID and the name of the program to which each socket belongs.
all	Displays information about both listening and non-listening sockets.
nodns	Displays numerical addresses without any DNS information.
search <i>searchtxt</i>	Optional search feature, The variable <i>searchtxt</i> is a text string. Output is limited to lines containing the text string. String cannot contain spaces or tabs and is case insensitive.

Command Modes

Admin

Command History

Release	Modifications
1.6	This command was first documented.
1.8	The detail , listen , process , all , and nodns keywords added.

Usage Guidelines

Use this command to display basic platform network status information.

Examples

admin:**show network status**

Active Internet connections (w/o servers)

Proto	Recv-Q	Send-Q	Local Address	Foreign Address	State
tcp	0	0	tsbu-ctrs-dev6.cisco.:41626	tsbu-ct:tsbu_ctrs_dev6_ctis	ESTABLISHED
tcp	0	0	tsbu-ctrs-dev6.cisco.:41627	tsbu-ct:tsbu_ctrs_dev6_ctis	ESTABLISHED
tcp	0	0	tsbu-ctrs-dev6.cisco.:41624	tsbu-ct:tsbu_ctrs_dev6_ctis	ESTABLISHED

Active UNIX domain sockets (w/o servers)

Proto	RefCnt	Flags	Type	State	I-Node	Path
unix	3	[]	DGRAM		7948	/dev/log2
unix	2	[]	DGRAM		28530	

Example with optional search feature:

admin:**show network status cisco.com**

Active Internet connections (w/o servers)

Proto	Recv-Q	Send-Q	Local Address	Foreign Address	State
tcp	0	0	tsbu-ctrs-dev6.cisco.:41626	tsbu-ct:tsbu_ctrs_dev6_ctis	ESTABLISHED
tcp	0	0	tsbu-ctrs-dev6.cisco.:41627	tsbu-ct:tsbu_ctrs_dev6_ctis	ESTABLISHED
tcp	0	0	tsbu-ctrs-dev6.cisco.:41624	tsbu-ct:tsbu_ctrs_dev6_ctis	ESTABLISHED

Active UNIX domain sockets (w/o servers)

Proto	RefCnt	Flags	Type	State	I-Node	Path
-------	--------	-------	------	-------	--------	------

■ show network status

```
unix 3      [ ]      DGRAM      7948    /dev/log2
unix 2      [ ]      DGRAM      28530
/usr/local/platform/conf/clm/unix_socket
unix 11     [ ]      DGRAM      7809    /dev/log
unix 2      [ ]      DGRAM      4001    @udevd
unix 2      [ ]      DGRAM      1173292
unix 2      [ ]      DGRAM      1171540
```

show open files all

show open files all

Syntax Description none

Command Modes Admin

Command History	Release	Modifications
	1.6	This command was first documented.

Usage Guidelines Use this command to display all open files on the CTRS.

Examples

```
admin:show open files all
Executing.. please wait.
COMMAND      PID      USER    FD      TYPE    DEVICE    SIZE      NODE NAME
init          1       root    cwd      DIR     104,2     4096        2 /
init          1       root    rtd      DIR     104,2     4096        2 /
init          1       root    txt      REG     104,2     31216     3997776 /sbin/init
init          1       root    mem      REG     104,2     52400     2277509
/lib/libsepol.so.1
init          1       root    mem      REG     104,2    1539036     2277466
/lib/tls/libc-2.3.4.so
init          1       root    mem      REG     104,2     110984     2277391 /lib/ld-2.3.4.so
init          1       root    mem      REG     104,2     55000     2277498
/lib/libselinux.so.1
init          1       root    10u     FIFO     0,13              1203 /dev/initctl
migration     2       root    cwd      DIR     104,2     4096        2 /
migration     2       root    rtd      DIR     104,2     4096        2 /
migration     2       root    txt      unknown              /proc/2/exe
ksoftirqd     3       root    cwd      DIR     104,2     4096        2 /
ksoftirqd     3       root    rtd      DIR     104,2     4096        2 /
ksoftirqd     3       root    txt      unknown              /proc/3/exe
migration     4       root    cwd      DIR     104,2     4096        2 /
migration     4       root    rtd      DIR     104,2     4096        2 /
migration     4       root    txt      unknown              /proc/4/exe
ksoftirqd     5       root    cwd      DIR     104,2     4096        2 /
ksoftirqd     5       root    rtd      DIR     104,2     4096        2 /
ksoftirqd     5       root    txt      unknown              /proc/5/exe
migration     6       root    cwd      DIR     104,2     4096        2 /
migration     6       root    rtd      DIR     104,2     4096        2 /
migration     6       root    txt      unknown              /proc/6/exe
ksoftirqd     7       root    cwd      DIR     104,2     4096        2 /
ksoftirqd     7       root    rtd      DIR     104,2     4096        2 /
ksoftirqd     7       root    txt      unknown              /proc/7/exe
migration     8       root    cwd      DIR     104,2     4096        2 /
migration     8       root    rtd      DIR     104,2     4096        2 /
migration     8       root    txt      unknown              /proc/8/exe
```

show open files process

show open files process {*processID1,processID2...*}

Syntax Description

processID1... Process ID numbers. To show information about more than one process, separate process ID numbers with a comma.

Command Modes

Admin

Command History

Release	Modifications
1.6	This command was first documented.

Usage Guidelines

Use this command to display all open files on the device belonging to the indicated processes.

Examples

```
admin:show open files process 3886,4086
COMMAND  PID USER  FD  TYPE    DEVICE    SIZE      NODE NAME
arpmond  3886 root   cwd   DIR      104,2     4096        2 /
arpmond  3886 root   rtd   DIR      104,2     4096        2 /
arpmond  3886 root   txt   REG      104,2    19483    328533
/usr/local/os-services/sbin/arpmond
arpmond  3886 root   mem   REG      104,2    110984    2277391 /lib/ld-2.3.4.so
arpmond  3886 root   mem   REG      104,2    1539036    2277466 /lib/tls/libc-2.3.4.so
arpmond  3886 root    0r   CHR        1,3          1930 /dev/null
arpmond  3886 root    1w   CHR        1,3          1930 /dev/null
arpmond  3886 root    2w   CHR        1,3          1930 /dev/null
arpmond  3886 root    3u  sock        0,4          7384 can't identify protocol
arpmond  3886 root    4u  sock        0,4          7742 can't identify protocol
arpmond  3886 root   5wW   REG      104,2         4    4030838 /var/lock/subsys/.arpmond
arpmond  3886 root    6u  unix 0xf69e7dc0  7741 socket
arpmond  3886 root    7u  sock        0,4          7632 can't identify protocol
ipprefsd 4086 root   cwd   DIR      104,2     4096        2 /
ipprefsd 4086 root   rtd   DIR      104,2     4096        2 /
ipprefsd 4086 root   txt   REG      104,2    132789    328534
/usr/local/os-services/sbin/ipprefsd
ipprefsd 4086 root   mem   REG      104,2    105824    2277470 /lib/tls/libpthread-2.3.4.so
ipprefsd 4086 root   mem   REG      104,2    717778    511070
/usr/local/platform/lib/libstlport.so.5.1
ipprefsd 4086 root   mem   REG      104,2    211948    2277468 /lib/tls/libm-2.3.4.so
ipprefsd 4086 root   mem   REG      104,2     47404    2277426 /lib/libnss_files-2.3.4.so
ipprefsd 4086 root   mem   REG      104,2    110984    2277391 /lib/ld-2.3.4.so
ipprefsd 4086 root   mem   REG      104,2     38624    2277378
/lib/libgcc_s-3.4.6-20060404.so.1
ipprefsd 4086 root   mem   REG      104,2    1539036    2277466 /lib/tls/libc-2.3.4.so
ipprefsd 4086 root    0r   CHR        1,3          1930 /dev/null
ipprefsd 4086 root    1w   CHR        1,3          1930 /dev/null
ipprefsd 4086 root    2w   CHR        1,3          1930 /dev/null
ipprefsd 4086 root    3u  unix 0xf69e7bc0  7791 /tmp/ipprefs.socket
```

show open files regexp

show open files regexp “*string*”

Syntax Description	“ <i>string</i> ”	Regular expression identifying string. String value must be included inside quotation marks.
Command Modes	Admin	
Command History	Release	Modifications
	1.6	This command was first documented.
Usage Guidelines	Use this command to display all open files on the device that match the regular expression as defined by the <i>string</i> value.	
Examples	<pre>admin:show open files regexp "Cisco" Executing.. please wait. syslogd 4174 root 10u FIFO 104,2 4030835 /var/CiscoSyslogFifo snmpd 8642 root 6r FIFO 104,2 4030835 /var/CiscoSyslogFifo java 29187 admin mem REG 104,2 46642 511301 /usr/local/platform/jar/CiscoIPSec.jar</pre>	

show open ports all

show open ports all

Syntax Description none

Command Modes Admin

Command History	Release	Modifications
	1.6	This command was first documented.

Usage Guidelines Use this command to display all open ports on the device.

Examples

admin:show open ports all

Executing.. please wait.

COMMAND	PID	USER	FD	TYPE	DEVICE	SIZE	NODE	NAME
sshd	4355	root	3u	IPv6	8294		TCP	*:ssh (LISTEN)
dhparent2	4577	root	4u	IPv4	8955		TCP	*:12104 (LISTEN)
java	4624	root	4u	IPv4	8955		TCP	*:12104 (LISTEN)
post_proc	4656	root	4u	IPv4	8955		TCP	*:12104 (LISTEN)
post_proc	4656	root	6u	IPv4	9013		TCP	*:61456 (LISTEN)
ccs	5380	root	4u	IPv4	8955		TCP	*:12104 (LISTEN)
ccs	5380	root	7u	IPv4	9817		TCP	*:12102 (LISTEN)
ccs	5380	root	8u	IPv4	9899		TCP	*:61455 (LISTEN)
ccs	5380	root	9u	IPv4	9901		TCP	*:61457 (LISTEN)
keyExchan	5528	root	4u	IPv4	8955		TCP	*:12104 (LISTEN)
cmahostd	7766	root	4u	IPv4	1177318		UDP	*:49152
cmapeerd	7936	root	3u	IPv4	15503		UDP	127.0.0.1:25376
cmanicd	8111	root	3u	IPv4	16564		UDP	127.0.0.1:25393
snmpd	8642	root	7u	IPv4	16654		TCP	*:61461 (LISTEN)
snmpd	8642	root	9u	IPv4	16672		UDP	127.0.0.1:25375
snmpd	8642	root	10u	IPv4	16675		UDP	*:snmp
clm	9600	root	6u	IPv4	28528		UDP	*:8500
clm	9600	root	7u	IPv4	28529		TCP	*:8500 (LISTEN)
racoon	9603	root	7u	IPv6	27678		UDP	[fe80::223:7dff:fe62:b15a]:isakmp
racoon	9603	root	8u	IPv6	27680		UDP	:::isakmp
racoon	9603	root	9u	IPv4	27681		UDP	172.28.70.109:isakmp
racoon	9603	root	10u	IPv4	27682		UDP	127.0.0.1:isakmp
servM	9608	servmgr	6u	IPv4	27894		TCP	127.0.0.1:8888 (LISTEN)
servM	9608	servmgr	7u	IPv4	27897		TCP	127.0.0.1:8889 (LISTEN)
ntpd	10800	ntp	4u	IPv4	28111		UDP	*:ntp
ntpd	10800	ntp	5u	IPv6	28112		UDP	*:ntp
ntpd	10800	ntp	6u	IPv4	28113		UDP	127.0.0.1:ntp
ntpd	10800	ntp	7u	IPv4	28114		UDP	172.28.70.109:ntp
oninit	11160	informix	4u	IPv4	28738		TCP	172.28.70.109:tsbu_ctrs_dev6_ctis (LISTEN)
oninit	11160	informix	6u	IPv4	1177195		TCP	172.28.70.109:tsbu_ctrs_dev6_ctis->172.28.70.109:41751 (ESTABLISHED)

show open ports regexp

show open ports regexp "*string*"

Syntax Description	“string” Regular expression identifying string. String value must be included inside quotation marks.	
Command Modes	Admin	
Command History	Release	Modifications
	1.6	This command was first documented.
Usage Guidelines	Use this command to display all open ports on the device that match the regular expression as defined by the <i>string</i> value.	
Examples	admin:show open ports regexp "informix" Executing.. please wait. oninit 11160 informix 4u IPv4 28738 TCP 172.28.70.109:tsbu_ctrs_dev6_ctis (LISTEN) oninit 11160 informix 6u IPv4 1177195 TCP 172.28.70.109:tsbu_ctrs_dev6_ctis->172.28.70.109:41751 (ESTABLISHED) oninit 11160 informix 7u IPv4 1177197 TCP 172.28.70.109:tsbu_ctrs_dev6_ctis->172.28.70.109:41752 (ESTABLISHED) oninit 11160 informix 8u IPv4 1177199 TCP 172.28.70.109:tsbu_ctrs_dev6_ctis->172.28.70.109:41753 (ESTABLISHED) oninit 11160 informix 9u IPv4 1177201 TCP 172.28.70.109:tsbu_ctrs_dev6_ctis->172.28.70.109:41754 (ESTABLISHED) oninit 11160 informix 10u IPv4 1177203 TCP 172.28.70.109:tsbu_ctrs_dev6_ctis->172.28.70.109:41755 (ESTABLISHED) oninit 11160 informix 11u IPv4 1177205 TCP 172.28.70.109:tsbu_ctrs_dev6_ctis->172.28.70.109:41756 (ESTABLISHED) oninit 11160 informix 12u IPv4 1177207 TCP 172.28.70.109:tsbu_ctrs_dev6_ctis->172.28.70.109:41757 (ESTABLISHED)	

show packages

show packages {*active name* | **active ***} | {*inactive name* | **inactive ***}

Syntax Description

active name	Retrieves the version number for a specific package on the active partition.
active *	Retrieves the version numbers for all packages on the active partition.
inactive name	Retrieves the version number for a specific package on the inactive partition.
inactive *	Retrieves the version number for all packages on the inactive partition.

Command Modes

Admin

Command History

Release	Modifications
1.6	This command was first documented.

Usage Guidelines

Use this command to display the version number of one or more packages on the active side or inactive partition.

Examples

```
admin:show packages active jdk
Active Side Package(s): for jdk package(s)
jdk-1.5.0_17-fcs

admin: show packages inactive jdk
Inactive Side Package(s): for jdk package(s)
jdk-1.5.0_14-fcs
```

show password age

show password age

Syntax Description	none
---------------------------	------

Command Modes	Admin
----------------------	-------

Command History	Release	Modifications
	1.8	This command was first documented.

Usage Guidelines	This command displays the value of the maximum and minimum password age for OS admin accounts in days.
-------------------------	--

Examples	<pre>admin:show password age Maximum Password Age is : 99999 days Minimum Password Age is : 0 days</pre>
-----------------	--

show password complexity character

show password complexity character

Syntax Description none

Command Modes Admin

Command History	Release	Modifications
	1.8	This command was first documented.

Usage Guidelines

This command displays whether or not the password complexity feature is enabled or disabled. When enabled, passwords will need to meet the following guidelines:

- At least one lower-case character,
- At least one uppercase, one digit and one special character.
- A string of adjacent characters on the keyboard will not be accepted.
- Any of the previous ten passwords cannot be reused.
- The admin user password can only be changed only once in 24 hours.

Examples

```
admin:show password complexity character
```

Password complexity for characters to be used in the OS user passwords is disabled. Therefore passwords does not need to have a mixture of numbers, special characters, capital and small letters.

show password complexity length

show password complexity length

Syntax Description	none
---------------------------	------

Command Modes	Admin
----------------------	-------

Command History	Release	Modifications
	1.8	This command was first documented.

Usage Guidelines	This command displays the password minimum length for OS accounts. The default value is 6.
-------------------------	--

Examples	<pre>admin:show password complexity length Minimum Password Length is : 6</pre>
-----------------	---

show password expiry maximum-age

show password expiry maximum-age

Syntax Description	none
---------------------------	------

Command Modes	Admin
----------------------	-------

Command History	Release	Modifications
	1.8	This command was first documented.

Usage Guidelines	This command displays whether or not the maximum age password expiry feature for OS accounts is enabled or disabled, and what the current configured parameters are for that feature.
-------------------------	---

Examples	<pre>admin:show password expiry maximum-age Password expiry : Enabled and is currently set to 99999 days</pre>
-----------------	--

show password expiry minimum-age

show password expiry minimum-age

Syntax Description	none
---------------------------	------

Command Modes	Admin
----------------------	-------

Command History	Release	Modifications
	1.8	This command was first documented.

Usage Guidelines	This command displays whether or not the minimum age password expiry feature for OS accounts is enabled or disabled, and what the current configured parameters are for that feature.
-------------------------	---

Examples	<pre>admin:show password expiry minimum-age Minimum Password Age Settings: Enabled and is currently set to 0 day(s)</pre>
-----------------	---

show password expiry user maximum-age

`show password expiry user maximum-age userid`

Syntax Description	<i>userid</i>	The user ID of the user account
Command Modes	Admin	
Command History	Release	Modifications
	1.8	This command was first documented.
Usage Guidelines	This command displays whether or not the maximum age password expiry feature for a specific user account is enabled or disabled, and what the current configured parameters are for that features.	
Examples	<pre>admin:show password expiry user maximum-age admin Password expiry for admin: Enabled and is currently set to 99999 days</pre>	

show password expiry user minimum-age

show password expiry user minimum-age *userid*

Syntax Description	<i>userid</i>	The user ID of the user account
Command Modes	Admin	
Command History	Release	Modifications
	1.8	This command was first documented.
Usage Guidelines	This command displays whether or not the minimum age password expiry feature for a specific user account is enabled or disabled, and what the current configured parameters are for that feature.	
Examples	<pre>admin:show password expiry user minimum-age admin Password expiry for admin: Enabled and is currently set to 0 days</pre>	

show password history

show password history

Syntax Description	none
---------------------------	------

Command Modes	Admin
----------------------	-------

Command History	Release	Modifications
	1.8	This command was first documented.

Usage Guidelines	Use this command to display whether password history maintenance is enabled or disabled, and how many previous password configurations are stored.
-------------------------	--

Examples	<pre>admin:show password history</pre> Password history maintenance is enabled. Configured value: 10
-----------------	---

show password inactivity

show password inactivity

Syntax Description	none
---------------------------	------

Command Modes	Admin
----------------------	-------

Command History	Release	Modifications
	1.8	This command was first documented.

Usage Guidelines	This command displays the status of the password inactivity feature for OS accounts. Password inactivity is the number of days of inactivity after a password has expired before the account is disabled.
-------------------------	---

Examples	<pre>admin:show password inactivity Password Inactivity : Disabled</pre>
-----------------	--

show process list

show process list [*file name*] [*detail*] [*vm*]

Syntax Description

file name	Saves output in a separate file.
detail	Displays detailed process information, such as process page fault, virtual memory and start time.
vm	Displays process virtual memory.

Command Modes

Admin

Command History

Release	Modifications
1.6	This command was first documented.

Usage Guidelines

Use this command to display the list of all processes and critical information about each of them. This command also displays the parent-child relationship between these processes.

Use the **detail** option to see a more detailed view of these processes.

Use the **file name** option to redirect the output of this command.

Examples

```
admin:show process list
...
5758 /usr/sbin/racoon -F -f /etc/racoon/racoon.conf
5759 /usr/local/platform/bin/servM
7035 \_ /usr/local/cm/bin/dbmon
7985 \_ /usr/local/cm/bin/cdpd -f
8045 \_ /usr/local/platform/bin/enStart
8255 \_ /usr/local/platform/bin/certM
8514 \_ /usr/local/cm/bin/cdragent /usr/local/cm/conf/cdragent/cdragentCfg.xml
8538 \_ /usr/local/cm/bin/RisDC
8551 \_ /usr/local/cm/bin/amc /usr/local/cm/conf/amc/amcCfg.xml
8695 \_ /usr/local/cm/bin/ctftp
6627 /usr/local/cm/bin/cmoninit
6628 \_ /usr/local/cm/bin/cmoninit
6629 \_ /usr/local/cm/bin/cmoninit
6630 \_ /usr/local/cm/bin/cmoninit
6631 \_ /usr/local/cm/bin/cmoninit
6632 \_ /usr/local/cm/bin/cmoninit
...
```

show process load

show process load [**cpu** | **memory** | **time**] [**cont**] [**clear**] [**noidle**] [**page**] [**thread**]
 [**num number** | **num all**]

Syntax Description	
cont	Repeats the command continuously.
clear	Screen clears before displaying output.
cpu	Sorts output by CPU usage. If no options are specified, this is the default.
	
Note	This option cannot be combined with other options.
memory	Sorts output by memory usage.
	
Note	This options cannot be combined with other options.
noidle	Command ignores the idle/zombie processes
page	Pauses output.
thread	Displays threads.
time	Sorts output by time usage.
	
Note	This option cannot be combined with other options.
num number	Defines the number of processes to display; minimum value is 1, default is 10.
num all	Displays all processes.

Command Modes Admin

Command History	Release	Modifications
	1.6	This command was first documented.

Usage Guidelines Use this command to display the current system load including the number of processes using the most CPU, memory or time.



Note The following options cannot be combined with other command options: cpu, memory or time. If more than one is specified, the last one will be used. If none is specified, cpu will be shown.

Examples

```
admin:show process load num 10
22:11:35 up 7:50, 4 users, load average: 0.00, 0.00, 0.00
75 processes: 74 sleeping, 1 running, 0 zombie, 0 stopped
```

■ show process load

```

CPU states:  cpu      user      nice    system    irq    softirq  iowait    idle
              total    1.9%     0.0%     0.9%    0.9%     0.0%    10.6%    85.4%
Mem:   511988k av, 494364k used, 17624k free,      0k shrd, 46104k buff
       354932k actv, 67572k in_d, 6848k in_c
Swap: 2048248k av, 17984k used, 2030264k free                269444k cached

  PID  USER      PRI  NI  SIZE  RSS SHARE STAT %CPU %MEM   TIME CPU COMMAND
13993  admin      24    0 1152 1152  888 R    1.9  0.2   0:00  0 top
      1 root      15    0  512  480  448 S    0.0  0.0   0:04  0 init
      2 root      RT    0    0    0    0 SW    0.0  0.0   0:00  0 migration/0
      3 root      15    0    0    0    0 SW    0.0  0.0   0:00  0 keventd
      4 root      15    0    0    0    0 SW    0.0  0.0   0:03  0 kapmd
      5 root      34   19    0    0    0 SWN   0.0  0.0   0:00  0 ksoftirqd/0
      8 root      25    0    0    0    0 SW    0.0  0.0   0:00  0 bdf flush
      6 root      15    0    0    0    0 SW    0.0  0.0   0:01  0 kswapd
      7 root      15    0    0    0    0 SW    0.0  0.0   0:00  0 kscand
      9 root      15    0    0    0

```

show process name

show process name *process-name* [**file name**] [**cont**] [**detail | vm**]

Syntax Description

<i>process-name</i>	Identifies a specific process.
file name	Saves output in a separate file.
cont	Repeats the command continuously.
detail	Displays detailed process information, such as virtual memory, and start time.
vm	Displays the process virtual memory.

Command Modes

Admin

Command History

Release	Modifications
1.6	This command was first documented.

Usage Guidelines

Use this command to display the details of processes that share the same name. This command displays the parent-child relationship.

Examples

```
admin:show process name servM detail
  PID  PPID TID %CPU %MEM S  USER      MINFL  MAJFL  RSS   VSZ              STARTED
COMMAND
  7280    1  -   0.1   0.3 S  servmgr   21909   1962  7432  86140 Mon Jan 14 10:53:25 2008
/usr/local/platform/bin/servM
```

show process open-fd

show process open-fd *process-ID* [*file name*] [*cont*]

Syntax Description

<i>process-ID</i>	Identifies a specific process.
<i>file name</i>	Saves output in a separate file.
<i>cont</i>	Repeats the command continuously.

Command Modes

Admin

Command History

Release	Modifications
1.6	This command was first documented.

Usage Guidelines

Use this command to display the open file descriptors for a comma-separated list of process IDs.

Examples

admin: **show process open-fd 10554**

```

COMMAND      PID USER   FD   TYPE DEVICE        SIZE      NODE NAME
ntp_start    10554 root    cwd   DIR     8,1         4096          2 /
ntp_start    10554 root    rtd   DIR     8,1         4096          2 /
ntp_start    10554 root    txt   REG     8,1      585908    506215 /bin/bash
ntp_start    10554 root    mem   REG     8,1      13601   1077403 /lib/libdl-2.3.2.so
ntp_start    10554 root    mem   REG     8,1     1516255   587978 /lib/tls/libc-2.3.2.so
ntp_start    10554 root    mem   REG     8,1       5848    49258 /lib/csa/sse2/sse2_boost.so.1
ntp_start    10554 root    mem   REG     8,1     102480   1077387 /lib/ld-2.3.2.so
ntp_start    10554 root    mem   REG     8,1     124884    49255 /lib/csa/libcsa.so.6
ntp_start    10554 root    mem   REG     8,1      50783   1077423 /lib/libnss_files-2.3.2.so
ntp_start    10554 root    mem   REG     8,1     86486    587977 /lib/tls/libpthread-0.60.so
ntp_start    10554 root    mem   REG     8,1      11784   1077461 /lib/libtermcap.so.2.0.8
ntp_start    10554 root    mem   REG     8,1      21436    424691
/usr/lib/gconv/gconv-modules.cache
ntp_start    10554 root    mem   REG     8,1   32148976    326576 /usr/lib/locale/locale-archive
...

```

show process pid

show process pid *process-ID* [**file name**] [**cont**] [**detail | vm**]

Syntax Description

<i>process-ID</i>	Identifies a specific process.
file name	Saves output in a separate file.
cont	Repeats the command continuously.
detail	Displays detailed process information, such as virtual memory, and start time.
vm	Displays the process virtual memory.

Command Modes

Admin

Command History

Release	Modifications
1.6	This command was first documented.

Usage Guidelines

Use this command to display the details of a process with a specified process ID.

Examples

admin:**show process pid 3886 vm**

```
PID TTY      STAT   TIME  MAJFL  TRS   DRS  RSS %MEM COMMAND
 3886 ?        S      1:29    0    12  1659  396  0.0
/usr/local/os-services/sbin/arpmond
```

show process search

show process search *regex* [*file name*]

Syntax Description

<i>regex</i>	Identifies a specific string (regular expression) on which to search.
<i>file name</i>	Saves output in a separate file.

Command Modes

Admin

Command History

Release	Modifications
1.6	This command was first documented.

Usage Guidelines

Use this command to search for particular patterns in the output of the operating system-specific process listing.

Examples

```
admin:show process search cisco*
root      10731  7672   0 20:01 pts/0      00:00:00 /bin/bash
/usr/local/platform/cli_scripts/listProcesses.sh -search cisco*
root      10736 10731   0 20:01 pts/0      00:00:00 grep -i cisco*
```

show process user

show process user *name* [**file** *name*] [**cont**] [**detail** | **vm**]

Syntax Description

<i>name</i>	User identification
file <i>name</i>	Saves output in a separate file.
cont	Repeats the command continuously.
detail	Displays detailed process information, such as virtual memory, and start time.
vm	Displays the process virtual memory.

Command Modes

Admin

Command History

Release	Modifications
1.6	This command was first documented.

Usage Guidelines

Use this command to display details of processes that share the specified user name. This command displays the parent-child relationship.

Examples

```
admin:show process user admin
  PID  PPID TID %CPU S COMMAND
13342 13341 - 0.0 S cliscript.sh
13423 13342 - 0.4 S java
13689 13423 - 0.0 S \_ listProcesses.s
13694 13689 - 0.0 R \_ ps
13424 13342 - 0.0 S java
13425 13342 - 0.0 S java
13426 13342 - 0.0 S java
13427 13342 - 0.0 S java
13428 13342 - 0.1 S java
13429 13342 - 0.0 S java
13430 13342 - 0.0 S java
...
```

show process using-most cpu

show process using-most cpu [*file name*] [*cont*] [*number*]

Syntax Description

file name	Saves output in a separate file.
cont	Repeats the command continuously.
number	Defines the number of processes to display; default is 5.

Command Modes

Admin

Command History

Release	Modifications
1.6	This command was first documented.

Usage Guidelines

Use this command to display a list of the most CPU-intensive processes.

Examples

```
admin:show process using-most cpu
1.4  1  0 S 00:00:33 ./jre/bin/java -Djava.compiler=NONE -cp /usr/StorMan/RaidMan.jar
com.ibm.sysmgmt.raidmgr.agent.ManagementAgent
1.4  1  0 S 00:00:30 /usr/local/cm/bin/amc /usr/local/cm/conf/amcCfg.xml
1.6  0  0 S 00:00:38 /usr/local/cm/bin/cmoninit
3.3  0  0 S 00:01:13 /usr/local/cm/bin/RisDC
6.0  1  0 S 00:02:16 /home/tomcat/tomcat /home/tomcat/tomcatJlauncherConfig.xml
-Djava.library.path=/usr/local/lib:/usr/local/thirdparty/java/j2sdk/jre/lib/i386:/usr/loca
l/thirdparty/java/j2sdk/jre/lib/i386/server:/usr/lib/pgsql:/usr/lib:/usr/local/cm/lib:/us
r/local/platform/lib -Xmx512m -Xms256m -DLD_ASSUME_KERNEL
```

show process using-most memory

show process using-most memory [*file name*] [*cont*] [*number*]

Syntax Description

file name	Saves output in a separate file.
cont	Repeats the command continuously.
number	Defines the number of processes to display; default is 5.

Command Modes

Admin

Command History

Release	Modifications
1.6	This command was first documented.

Usage Guidelines

Use this command to display a list of the most memory-intensive processes.

Examples

```
admin:show process using-most memory
75564 /usr/local/cm/bin/cmoninit
75600 /usr/local/cm/bin/cmoninit
76428 /usr/local/cm/bin/cmoninit
117412 /usr/local/cm/bin/cmoninit
148832 /home/tomcat/tomcat /home/tomcat/tomcatJlauncherConfig.xml
-Djava.library.path=/usr/local/lib:/usr/local/thirdparty/java/j2sdk/jre/lib/i386:/usr/local/thirdparty/java/j2sdk/jre/lib/i386/server:/usr/lib/pgsql:/usr/lib:/usr/local/cm/lib:/usr/local/platform/lib -Xmx512m -Xms256m -DLD_ASSUME_KERNEL=2.2.5 -Djava.end
```

show recordedquality

show recordedquality *recid*

Syntax Description	<i>recid</i>	Recording identification number.
--------------------	--------------	----------------------------------

Command Modes	Admin
---------------	-------

Command History	Release	Modifications
	1.6	This command was first documented.

Usage Guidelines	Use this command to display the quality level for a recorded file that is identified by a recording identification number (<i>recid</i>). Recording identification numbers can be found in the Recordings Management section of the administrative user interface.
------------------	--

Examples	admin: show recordedquality 2009113021152077726258 Highest Detail, Best Motion: 1080p
----------	---

show refreshrate

show refreshrate

Syntax Description	None
---------------------------	------

Command Modes	Admin
----------------------	-------

Command History	Release	Modifications
	1.6	This command was first documented.

Usage Guidelines	Use this command to display the default spacing between IDRs in the video streams.
-------------------------	--

Examples	<pre>admin:show refreshrate</pre> IDRs are spaced 15 seconds apart
-----------------	---

show registry

show registry *system component [name] [page]*

Syntax Description

<i>system</i>	The registry system name
<i>component</i>	The registry component name
<i>name</i>	The name of the registry parameter
page	Causes output to pause, displaying one page at a time.

Command Modes

Admin

Command History

Release	Modifications
1.8	This command was first documented.

Usage Guidelines

Use this command to display registry contents.

Examples

```
admin:show registry cm dbl/sdi
system = cm
component = dbl/sdi
  tracelevel=127
  enable=1
  outputdebugstringflag=0
  numminutes=1440
  tracefile=/var/log/active/cm/trace/dbl/sdi/dbl.log
  numfiles=250
  numlines=10000
```

show snmp trapdests

show snmp trapdests

Syntax Description	None
---------------------------	------

Command Modes	Admin
----------------------	-------

Command History	Release	Modifications
	1.6	This command was first documented.

Usage Guidelines	Use this command to display the configured Simple Network Management Protocol (SNMP) trap destinations.
-------------------------	---

Examples

```
admin:show snmp trapdests
1) Host = 64.101.180.49:162 (Version 3)

    Version 3 Options:
      User = TimTrap          PW   = authpriv
      Level = authnopriv      hash = md5
      EngineID = 0x80001f8803001a6406bc16

2) Host = 64.101.180.49 (Version 3)

    Version 3 Options:
      User = TimTrap2         PW   = authpriv
      Level = authnopriv      hash = md5
      EngineID = 0x80001f8803001a6406bc16
```

show snmp users

show snmp users

Syntax Description	None
---------------------------	------

Command Modes	Admin
----------------------	-------

Command History	Release	Modifications
	1.6	This command was first documented.

Usage Guidelines	Use this command to display the configured Simple Network Management Protocol (SNMP) users and communities.
-------------------------	---

Examples	<pre>admin:show snmp users 1) Username: admin Version: v3 Level: AuthNoPriv Mode: RW 2) Username: tim Version: v3 Level: AuthNoPriv Mode: RW 3) Community: TimRO Version: v2c Level: n/a Mode: R 4) Community: TimRW Version: v2c Level: n/a Mode: RW</pre>
-----------------	--

show statistics dialnumber

show statistics dialnumber *dialnumber*

Syntax Description	<i>dialnumber</i>	The dial number where statistics will be sent.
Command Modes	Admin	
Command History	Release	Modifications
	1.8	This command was first documented.
Usage Guidelines	Use this command to display statistics for a video session at the supplied dial number	
Examples	<code>admin:show statistics dialnumber 15555</code>	

show stats io

show stats [*file name*] [**kilo** | **detail**] [**page**]

Syntax Description

file <i>name</i>	Saves output information to a file. The file is saved in the following format: platform/cli/ <i>name</i> .txt. The <i>name</i> option cannot contain a period (.).
kilo	Shows details statistics in kilobytes.
detail	Shows detailed statistics of every available device on the system. This option overrides kilo option.
page	Pauses output.

Command Modes

Admin

Command History

Release	Modifications
1.6	This command was first documented.

Usage Guidelines

Use this command to display system I/O statistics of the device.

Examples

```
admin:show stats io kilo file statsiodump
```

show status

show status

Syntax Description None

Command Modes Admin

Command History	Release	Modifications
	1.6	This command was first documented.

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

Examples

```
admin:show status
Host Name      : tsbu-ctrs-dev6
Date           : Tue Dec 1, 2009 20:47:30
Time Zone      : Coordinated Universal Time (Etc/UTC)
Locale         : en_US.UTF-8
Product Ver    : 2.0.0.0-44
Platform Ver   : 2.0.0.1-1
License MAC    : 00237D62B15A

Uptime:
 20:47:31 up 8 days,  1:04,  3 users,  load average: 0.33, 0.35, 0.28

CPU Idle:
 IOWAIT: 00.00%      IRQ: 00.00%      Soft: 00.00%      Intr/sec: 1034.34
 % System: 00.00%    User: 00.00%

Memory Total:      4147676K
  Free:            2954080K
  Used:            1193596K
  Cached:          523412K
  Shared:           0K
  Buffers:         112808K

Disk/active      Total      Free      Used
Disk/inactive    34701384K  31991040K  2357800K (7%)
Disk/inactive    34701352K  32444668K  1904140K (6%)
Disk/logging     705460380K  650848468K  18776524K (3%)

  Buffers:        68972K

Disk/active      Total      Free      Used
Disk/active      4032124K  2117232K  1710064K (45%)
Disk/inactive    4032092K  1857492K  1969776K (52%)
Disk/logging     70438620K  63214064K  3646484K (6%)
```

show syslog facility

show syslog facility

Syntax Description	None
--------------------	------

Command Modes	Admin
---------------	-------

Command History	Release	Modifications
	1.6	This command was first documented.

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

Examples	<pre>admin:show syslog facility</pre> Using the local1 facility
----------	---

show syslog heartbeat facility

show syslog heartbeat facility

Syntax Description	None
--------------------	------

Command Modes	Admin
---------------	-------

Command History	Release	Modifications
	1.6	This command was first documented.

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

Examples	<pre>admin:show syslog heartbeat facility Using the local1 facility</pre>
----------	---

show syslog heartbeat interval

show syslog heartbeat interval

Syntax Description None

Command Modes Admin

Command History	Release	Modifications
	1.6	This command was first documented.

Usage Guidelines Use this command to display the syslog heartbeat interval in minutes.



Note Zero (0) indicates that the syslog heartbeat interval is disabled.

Examples admin:**show syslog heartbeat interval**
Using the 0 minute interval

show syslog heartbeat msg

show syslog heartbeat msg

Syntax Description	None
--------------------	------

Command Modes	Admin
---------------	-------

Command History	Release	Modifications
	1.6	This command was first documented.

Usage Guidelines	Use this command to display the syslog heartbeat message text.
------------------	--

Examples	<pre>admin:show syslog heartbeat msg</pre> Using the "Syslog heartbeat message" message
----------	---

show syslog heartbeat severity

show syslog heartbeat severity

Syntax Description	None
--------------------	------

Command Modes	Admin
---------------	-------

Command History	Release	Modifications
	1.6	This command was first documented.

Usage Guidelines	Use this command to display the severity used for syslog heartbeat messages.
------------------	--

Examples	<pre>admin:show syslog heartbeat severity</pre> Using the 7 severity
----------	---

show syslog timezone

show syslog timezone

Syntax Description	None
---------------------------	------

Command Modes	Admin
----------------------	-------

Command History	Release	Modifications
	1.6	This command was first documented.

Usage Guidelines	Use this command to display the syslog timezone setting as either local time or GMT/UTC.
-------------------------	--

Examples	<pre>admin:show syslog timezone Using gmt timezone</pre>
-----------------	--

show syslog version

show syslog version

Syntax Description	None
---------------------------	------

Command Modes	Admin
----------------------	-------

Command History	Release	Modifications
	1.6	This command was first documented.

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

Examples	<pre>admin:show syslog version Version is 0, the Ciscolog v1.1 format</pre>
-----------------	---

show tech all

show tech all [*page*] [*file name*]

Syntax Description

file name	Saves output information to a file. The file is saved in the following format: platform/cli/ <i>name</i> .txt. The <i>name</i> option cannot contain a period (.).
page	Pauses output.

Command Modes

Admin

Command History

Release	Modifications
1.6	This command was first documented.

Usage Guidelines

Use this command to display output from all of the **show tech** commands simultaneously.



Note This command may produce a large output of data.

Examples

admin:**show tech all file techdump**

show tech network all

show tech network all [*page*] [*file name*] [*search text*]

Syntax Description

file name	Saves output information to a file. The file is saved in the following format: platform/cli/name.txt. The <i>name</i> option cannot contain a period (.).
page	Pauses output.
search text	Searches output for a particular text string as indicated by <i>text</i> . Search is case insensitive.

Command Modes

Admin

Command History

Release	Modifications
1.6	This command was first documented.

Usage Guidelines

Use this command to display all of the network-related information associated with the node.

Examples

```
admin:show tech network all
----- show platform network -----

Ethernet Interfaces:
1: lo: <LOOPBACK,UP> mtu 16436 qdisc noqueue
   link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
   inet 127.0.0.1/8 brd 127.255.255.255 scope host lo
   inet6 ::1/128 scope host
       valid_lft forever preferred_lft forever
2: eth0: <BROADCAST,MULTICAST,UP> mtu 1500 qdisc pfifo_fast qlen 1000
   link/ether 00:23:7d:62:b1:5a brd ff:ff:ff:ff:ff:ff
   inet 172.28.70.109/22 brd 172.28.71.255 scope global eth0
   inet6 fe80::223:7dff:fe62:b15a/64 scope link
       valid_lft forever preferred_lft forever
3: eth1: <BROADCAST,MULTICAST,UP> mtu 1500 qdisc pfifo_fast qlen 1000
   link/ether 00:23:7d:62:b1:58 brd ff:ff:ff:ff:ff:ff
4: sit0: <NOARP> mtu 1480 qdisc noop
   link/sit 0.0.0.0 brd 0.0.0.0

Settings for eth0:
    Supported ports: [ TP ]
    Supported link modes:   10baseT/Half 10baseT/Full
                           100baseT/Half 100baseT/Full
                           1000baseT/Full
    Supports auto-negotiation: Yes
    Advertised link modes:  10baseT/Half 10baseT/Full
                           100baseT/Half 100baseT/Full
                           1000baseT/Full
    Advertised auto-negotiation: Yes
    Speed: 1000Mb/s
...

```

show tech network hosts

show tech network hosts [**page**] [**file name**] [**search text**]

Syntax Description

file name	Saves output information to a file. The file is saved in the following format: platform/cli/name.txt. The <i>name</i> option cannot contain a period (.).
page	Pauses output.
search text	Searches output for a particular text string as indicated by <i>text</i> . Search is case insensitive.

Command Modes

Admin

Command History

Release	Modifications
1.6	This command was first documented.

Usage Guidelines

Use this command to display host-related aspects of the device's network.

Examples

```
admin:show tech network hosts
----- show platform network -----

/etc/hosts File:
#This file was generated by the /etc/hosts cluster manager.
#It is automatically updated as nodes are added, changed, removed from the cluster.

127.0.0.1 localhost
::1 localhost
172.28.70.109 tsbu-ctrs-dev6.cisco.com tsbu-ctrs-dev6
```

show tech network interfaces

show tech network interfaces [*page*] [*file name*] [*search text*]

Syntax Description

file name	Saves output information to a file. The file is saved in the following format: platform/cli/name.txt. The <i>name</i> option cannot contain a period (.).
page	Pauses output.
search text	Searches output for a particular text string as indicated by <i>text</i> . Search is case insensitive.

Command Modes

Admin

Command History

Release	Modifications
1.6	This command was first documented.

Usage Guidelines

Use this command to display interface-related aspects of the device's network.

Examples

```
admin:show tech network interfaces
----- show platform network -----

Ethernet Interfaces:
1: lo: <LOOPBACK,UP> mtu 16436 qdisc noqueue
   link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
   inet 127.0.0.1/8 brd 127.255.255.255 scope host lo
   inet6 ::1/128 scope host
       valid_lft forever preferred_lft forever
2: eth0: <BROADCAST,MULTICAST,UP> mtu 1500 qdisc pfifo_fast qlen 1000
   link/ether 00:23:7d:62:b1:5a brd ff:ff:ff:ff:ff:ff
   inet 172.28.70.109/22 brd 172.28.71.255 scope global eth0
   inet6 fe80::223:7dff:fe62:b15a/64 scope link
       valid_lft forever preferred_lft forever
3: eth1: <BROADCAST,MULTICAST,UP> mtu 1500 qdisc pfifo_fast qlen 1000
   link/ether 00:23:7d:62:b1:58 brd ff:ff:ff:ff:ff:ff
4: sit0: <NOARP> mtu 1480 qdisc noop
   link/sit 0.0.0.0 brd 0.0.0.0

Settings for eth0:
    Supported ports: [ TP ]
    Supported link modes:   10baseT/Half 10baseT/Full
                           100baseT/Half 100baseT/Full
                           1000baseT/Full
    Supports auto-negotiation: Yes
    Advertised link modes:  10baseT/Half 10baseT/Full
                           100baseT/Half 100baseT/Full
                           1000baseT/Full
    Advertised auto-negotiation: Yes
    Speed: 1000Mb/s
...
```

show tech network resolv

show tech network resolv [**page**] [**file** *name*] [**search** *text*]

Syntax Description

file <i>name</i>	Saves output information to a file. The file is saved in the following format: platform/cli/ <i>name</i> .txt. The <i>name</i> option cannot contain a period (.).
page	Pauses output.
search <i>text</i>	Searches output for a particular text string as indicated by <i>text</i> . Search is case insensitive.

Command Modes

Admin

Command History

Release	Modifications
1.6	This command was first documented.

Usage Guidelines

Use this command to display specific information from the resolv.conf file for this device.

Examples

```
admin:show tech network resolv
----- show platform network -----

/etc/resolv.conf file
search cisco.com
nameserver 171.70.168.183
```

show tech network routes

show tech network routes [*page*] [*file name*] [*search text*]

Syntax Description

file name	Saves output information to a file. The file is saved in the following format: platform/cli/name.txt. The <i>name</i> option cannot contain a period (.).
page	Pauses output.
search text	Searches output for a particular text string as indicated by <i>text</i> . Search is case insensitive.

Command Modes

Admin

Command History

Release	Modifications
1.6	This command was first documented.

Usage Guidelines

Use this command to display specific route-related information for this device.

Examples

```
admin:show tech network routes
----- show platform network -----

Routes:
172.28.68.0/22 dev eth0  proto kernel  scope link  src 172.28.70.109
169.254.0.0/16 dev eth0  scope link
default via 172.28.68.1 dev eth0
```

show tech network sockets

show tech network sockets [*page*] [*file name*] [*search text*] [*numeric*]

Syntax Description	file name	Saves output information to a file. The file is saved in the following format: platform/cli/name.txt. The <i>name</i> option cannot contain a period (.).
	page	Pauses output.
	search text	Searches output for a particular text string as indicated by <i>text</i> . Search is case insensitive.
	numeric	Displays ports in numeric format

Command Modes	Admin
----------------------	-------

Command History	Release	Modifications
	1.6	This command was first documented.

Usage Guidelines	Use this command to display the list of open sockets. With the numeric option, you can show the numerical addresses of the ports instead of determining symbolic hosts.
-------------------------	--

Examples

```
admin:show tech network sockets numeric
----- show platform network -----

Network Connections:
Active Internet connections (w/o servers)
Proto Recv-Q Send-Q Local Address           Foreign Address         State
tcp        0      0 localhost:9000          localhost:32789        ESTABLISHED
tcp        0      0 localhost:32789         localhost:9000         ESTABLISHED
tcp        0      48 tsbu-kht9.cisco.com:22 sjc-tifox-8712.cisco.c:3445 ESTABLISHED
udp        0      0 localhost:32768         localhost:514          ESTABLISHED

Active UNIX domain sockets (w/o servers)
Proto RefCnt Flags               Type           State         I-Node Path
unix  2      [ ]                  DGRAM          16220
/usr/local/platform/conf/clm/unix_socket
unix  2      [ ]                  DGRAM          8434  @/var/run/hal/hotplug_socket
unix  2      [ ]                  DGRAM          3352  @udev
unix  13     [ ]                  DGRAM          6581  /dev/log
unix  3      [ ]                  DGRAM          6600  /dev/log2
unix  2      [ ]                  DGRAM          2049109
unix  3      [ ]                  STREAM         CONNECTED     2043836
unix  3      [ ]                  STREAM         CONNECTED     2043835
unix  2      [ ]                  DGRAM          252061
unix  2      [ ]                  DGRAM          251977
unix  2      [ ]                  DGRAM          251967
unix  2      [ ]                  DGRAM          16316
unix  2      [ ]                  DGRAM          16222
...
```

show tech runtime all

show tech runtime all [*page*] [*file name*]

Syntax Description

file name	Saves output information to a file. The file is saved in the following format: platform/cli/name.txt. The <i>name</i> option cannot contain a period (.).
page	Pauses output.

Command Modes

Admin

Command History

Release	Modifications
1.6	This command was first documented.

Usage Guidelines

Use this command to display all of the **show tech runtime** information simultaneously, including environment variables, disk, memory and CPU.

Examples

```
admin:show tech runtime all
----- show platform runtime -----

Environment variables:
TOMCAT_HOME=/usr/local/thirdparty/jakarta-tomcat
SERVER_LOCALE=en_us.utf8
HOSTNAME=tsbu-ctrs-dev6
SR_AGT_CONF_DIR=/usr/local/Snmpri/conf
SHELL=/usr/local/platform/bin/cliscript.sh
TERM=vt100
CATALINA_HOME=/usr/local/thirdparty/jakarta-tomcat
INFORMIXTMP=/usr/local/ctis/db/informix/tmp
...

The disk usage:
Filesystem      Size  Used Avail Use% Mounted on
/dev/cciss/c0d0p2    34G   2.3G   31G   7% /
/dev/cciss/c0d0p1    34G   1.9G   31G   6% /partB
/dev/cciss/c0d1p1   673G   18G  621G   3% /common
none             2.0G     0   2.0G   0% /dev/shm
...

Total memory (RAM+swap) usage (in KB):
              total      used      free      shared    buffers    cached
Mem:         4147676   1198220   2949456         0     112828    524952
-/+ buffers/cache:    560440   3587236
Swap:         2048248         0     2048248
Total:        6195924   1198220   4997704

The processor usage :
top - 21:53:33 up 8 days,  2:10,  3 users,  load average: 0.30, 0.32, 0.27
Tasks: 138 total,  1 running, 137 sleeping,   0 stopped,   0 zombie
...
```

show tech runtime cpu

show tech runtime cpu [*page*] [*file name*]

Syntax Description	file name	Saves output information to a file. The file is saved in the following format: platform/cli/name.txt. The <i>name</i> option cannot contain a period (.).
	page	Pauses output.

Command Modes	Admin
----------------------	-------

Command History	Release	Modifications
	1.6	This command was first documented.

Usage Guidelines	Use this command to display the CPU usage at the time the command is executed.
-------------------------	--

Examples

```
admin:show tech runtime cpu
----- show platform runtime -----

The processor usage :
top - 21:59:15 up 8 days,  2:16,  3 users,  load average: 0.31, 0.31, 0.27
Tasks: 137 total,   1 running, 136 sleeping,   0 stopped,   0 zombie
Cpu(s):  0.1% us,   0.0% sy,   0.0% ni, 99.9% id,   0.0% wa,   0.0% hi,   0.0% si
Mem:   4147676k total, 1197636k used, 2950040k free,  112828k buffers
Swap:  2048248k total,    0k used, 2048248k free,  524952k cached

  PID USER      PR  NI  VIRT  RES  SHR  S  %CPU  %MEM    TIME+  COMMAND
    1 root        16   0   2552   652   560  S   0.0   0.0    0:01.48  init
    2 root        RT    0     0     0     0  S   0.0   0.0    0:00.09  migration/0
    3 root        34  19     0     0     0  S   0.0   0.0    0:00.01  ksoftirqd/0
    4 root        RT    0     0     0     0  S   0.0   0.0    0:00.03  migration/1
    5 root        34  19     0     0     0  S   0.0   0.0    0:00.00  ksoftirqd/1
    6 root        RT    0     0     0     0  S   0.0   0.0    0:00.02  migration/2
    7 root        34  19     0     0     0  S   0.0   0.0    0:00.01  ksoftirqd/2
    8 root        RT    0     0     0     0  S   0.0   0.0    0:00.01  migration/3
    9 root        34  19     0     0     0  S   0.0   0.0    0:00.00  ksoftirqd/3
   10 root        RT    0     0     0     0  S   0.0   0.0    0:00.02  migration/4
   11 root        34  19     0     0     0  S   0.0   0.0    0:00.00  ksoftirqd/4
   12 root        RT    0     0     0     0  S   0.0   0.0    0:00.01  migration/5
   13 root        34  19     0     0     0  S   0.0   0.0    0:00.00  ksoftirqd/5
   14 root        RT    0     0     0     0  S   0.0   0.0    0:00.01  migration/6
   15 root        34  19     0     0     0  S   0.0   0.0    0:00.00  ksoftirqd/6
   16 root        RT    0     0     0     0  S   0.0   0.0    0:00.03  migration/7
   17 root        34  19     0     0     0  S   0.0   0.0    0:00.01  ksoftirqd/7
```

show tech runtime disk

show tech runtime disk [*page*] [*file name*]

Syntax Description

file name	Saves output information to a file. The file is saved in the following format: platform/cli/ <i>name</i> .txt. The <i>name</i> option cannot contain a period (.).
page	Pauses output.

Command Modes

Admin

Command History

Release	Modifications
1.6	This command was first documented.

Usage Guidelines

Use this command to display the disk usage of the system.

Examples

```
admin:show tech runtime disk
----- show platform runtime -----

The disk usage:
Filesystem      Size  Used Avail Use% Mounted on
/dev/cciss/c0d0p2    34G   2.3G   31G   7% /
/dev/cciss/c0d0p1    34G   1.9G   31G   6% /partB
/dev/cciss/c0d1p1   673G   18G   621G   3% /common
none             2.0G     0    2.0G   0% /dev/shm
/dev/cciss/c0d0p3   251M   11M   228M   5% /grub
/dev/cciss/c0d0p6    67G   85M   63G   1% /spare
/dev/cciss/c0d1p1   673G   18G   621G   3% /common/media
```

show tech runtime env

show tech runtime env [*page*] [*file name*]

Syntax Description	file name	Saves output information to a file. The file is saved in the following format: platform/cli/name.txt. The <i>name</i> option cannot contain a period (.).
	page	Pauses output.
Command Modes	Admin	
Command History	Release	Modifications
	1.6	This command was first documented.
Usage Guidelines	Use this command to display runtime environment variables.	
Examples	<pre> admin:show tech runtime env Environment variables: TOMCAT_HOME=/usr/local/thirdparty/jakarta-tomcat SERVER_LOCALE=en_us.utf8 HOSTNAME=tsbu-ctrs-dev6 SR_AGT_CONF_DIR=/usr/local/Snmpri/conf SHELL=/usr/local/platform/bin/cliscript.sh TERM=vt100 CATALINA_HOME=/usr/local/thirdparty/jakarta-tomcat INFORMIXTMP=/usr/local/ctis/db/informix/tmp HISTSIZE=1000 SSH_CLIENT=:::ffff:171.70.13.148 4385 22 INFORMIXDIR=/usr/local/ctis/db/informix JBOSS_HOME=/usr/local/thirdparty/jboss SSH_TTY=/dev/pts/0 CLIENT_LOCALE=en_us.utf8 TOMCAT_CLASSPATH=/usr/local/thirdparty/java/bcprov-jdk15-138.jar:/usr/local/platform/jar/xalan.jar:/usr/local/platform/jar/certMgmt.jar:/usr/local/platform/jar/certMonitor.jar:/usr/local/platform/jar/Iproduct.jar:/usr/local/platform/jar/Ihardware.jar:/usr/local/platform/jar/CiscoIPSec.jar:/usr/local/platform/jar/ciscoCmd.jar:/usr/local/platform/jar/ciscoComm on.jar:/usr/local/platform/jar/platform-api.jar:/common/download:/usr/local/platform/appli cation_locale/platform-api:/usr/local/platform/application_locale/cmplatform:/usr/local/cm /jar/commons-logging.jar USER=admin LS_COLORS=no=00:fi=00:di=01;34:ln=01;36:pi=40;33:so=01;35:bd=40;33:01:cd=40;33:01:or=01;05 ;37;41:mi=01;05;37;41:ex=01;32:*.cmd=01;32:*.exe=01;32:*.com=01;32:*.btm=01;32:*.bat=01;32 :*.sh=01;32:*.csh=01;32:*.tar=01;31:*.tgz=01;31:*.arj=01;31:*.taz=01;31:*.lzh=01;31:*.zip= 01;31:*.z=01;31:*.Z=01;31:*.gz=01;31:*.bz2=01;31:*.bz=01;31:*.tz=01;31:*.rpm=01;31:*.cpio= 01;31:*.jpg=01;35:*.gif=01;35:*.bmp=01;35:*.xbm=01;35:*.xpm=01;35:*.png=01;35:*.tif=01;35: LD_LIBRARY_PATH=/usr/local/thirdparty/java/jdk1.5.0_17/jre/lib/i386/server:/usr/local/thir dparty/java/jdk1.5.0_17/jre/lib/i386:/usr/local/thirdparty/java/jdk1.5.0_17/jre/..lib/i38 6:/usr/local/lib:/usr/local/thirdparty/java/j2sdk/jre/lib/i386:/usr/local/thirdparty/java/ ... </pre>	

show tech runtime memory

show tech runtime memory [*page*] [*file name*]

Syntax Description

file <i>name</i>	Saves output information to a file. The file is saved in the following format: platform/cli/ <i>name</i> .txt. The <i>name</i> option cannot contain a period (.).
page	Pauses output.

Command Modes

Admin

Command History

Release	Modifications
1.6	This command was first documented.

Usage Guidelines

Use this command to display runtime memory information.

Examples

```
admin:show tech runtime memory
----- show platform runtime -----

Total memory (RAM+swap) usage (in KB):
      total      used      free      shared      buffers      cached
Mem:    4147676   1199348   2948328         0       112844       525716
-/+ buffers/cache:    560788   3586888
Swap:    2048248         0       2048248
Total:   6195924   1199348   4996576
```

show tech system all

show tech system all [*page*] [*file name*]

Syntax Description	file name	Saves output information to a file. The file is saved in the following format: platform/cli/name.txt. The <i>name</i> option cannot contain a period (.).
	page	Pauses output.

Command Modes	Admin
----------------------	-------

Command History	Release	Modifications
	1.6	This command was first documented.

Usage Guidelines	Use this command to display all of the information associated with show tech system commands simultaneously, including bus, hardware, host, kernel, software and tools.
-------------------------	--

Examples

```
admin:show tech system all
----- show platform system -----

Host related info:

Machine Name: tsbu-ctrs-dev6.cisco.com
Tue Dec 1 22:10:31 UTC 2009 - up for 8 days 2:27
Locale LANG=en_US.UTF-8

Software Release Version: 2.0.0.0-44
Platform Release Version: 2.0.0.1-1

Hardware Model: 7845H2
Processors      : 2
Type           : Family: Xeon
...

software: system versions
java version "1.5.0_17"
Java(TM) 2 Runtime Environment, Standard Edition (build 1.5.0_17-b04)
...

Tomcat "6.0.20-0"

Linux Kernel modules loaded:
Module          Size  Used by
ipt_REDIRECT    6209   2
deflate         7617   0
...
```

show tech system bus

show tech system bus [*page*] [*file name*]

Syntax Description

file name	Saves output information to a file. The file is saved in the following format: platform/cli/name.txt. The <i>name</i> option cannot contain a period (.).
page	Pauses output.

Command Modes

Admin

Command History

Release	Modifications
1.6	This command was first documented.

Usage Guidelines

Use this command to display bus-related system information.

Examples

```
admin: show tech system bus
----- show platform system -----

Hardware: pci bus devices summary
00:00.0 Host bridge: Intel Corporation 5000P Chipset Memory Controller Hub (rev b1)
00:02.0 PCI bridge: Intel Corporation 5000 Series Chipset PCI Express x4 Port 2 (rev b1)
00:03.0 PCI bridge: Intel Corporation 5000 Series Chipset PCI Express x4 Port 3 (rev b1)
00:10.0 Host bridge: Intel Corporation 5000 Series Chipset FSB Registers (rev b1)
00:1c.0 PCI bridge: Intel Corporation 631xESB/632xESB/3100 Chipset PCI Express Root Port 1
(rev 09)
00:1f.0 ISA bridge: Intel Corporation 631xESB/632xESB/3100 Chipset LPC Interface
Controller (rev 09)
00:1f.1 IDE interface: Intel Corporation 631xESB/632xESB IDE Controller (rev 09)
01:03.0 VGA compatible controller: ATI Technologies Inc ES1000 (rev 02)
01:04.0 System peripheral: Compaq Computer Corporation Integrated Lights Out Controller
(rev 03)
01:04.4 USB Controller: Hewlett-Packard Company Proliant iLO2 virtual USB controller
01:04.6 IPMI SMIC interface: Hewlett-Packard Company Proliant iLO2 virtual UART
02:00.0 PCI bridge: Broadcom EPB PCI-Express to PCI-X Bridge (rev c3)
03:00.0 Ethernet controller: Broadcom Corporation NetXtreme II BCM5708 Gigabit Ethernet
(rev 12)
04:00.0 PCI bridge: Broadcom EPB PCI-Express to PCI-X Bridge (rev c3)
05:00.0 Ethernet controller: Broadcom Corporation NetXtreme II BCM5708 Gigabit Ethernet
(rev 12)
06:00.0 RAID bus controller: Hewlett-Packard Company Smart Array Controller (rev 04)
09:00.0 PCI bridge: Intel Corporation 6311ESB/6321ESB PCI Express Upstream Port (rev 01)

Hardware: USB bus devices summary
Bus 006 Device 001: ID 0000:0000
Bus 005 Device 003: ID 03f0:1327 Hewlett-Packard
Bus 005 Device 002: ID 03f0:1027 Hewlett-Packard

Hardware: bus devices detail
...
```

show tech system hardware

show tech system hardware [*page*] [*file name*]

Syntax Description

file name	Saves output information to a file. The file is saved in the following format: platform/cli/name.txt. The <i>name</i> option cannot contain a period (.).
page	Pauses output.

Command Modes

Admin

Command History

Release	Modifications
1.6	This command was first documented.

Usage Guidelines

Use this command to display hardware-related system information.

Examples

```
admin:show tech system hardware
----- show platform system -----

Hardware Model: 7845H2
Processors      : 2
Type           : Family: Xeon
Speed          : 2333 MHz
Memory         : 4096 MB
```

show tech system host

show tech system host [*page*] [*file name*]

Syntax Description

file <i>name</i>	Saves output information to a file. The file is saved in the following format: platform/cli/ <i>name</i> .txt. The <i>name</i> option cannot contain a period (.).
page	Pauses output.

Command Modes

Admin

Command History

Release	Modifications
1.6	This command was first documented.

Usage Guidelines

Use this command to display host-related system information.

Examples

```
admin:show tech system host
----- show platform system -----

Host related info:

Machine Name: tsbu-ctrs-dev6.cisco.com
Tue Dec 1 22:18:35 UTC 2009 - up for 8 days 2:35
Locale LANG=en_US.UTF-8
```

show tech system kernel modules

show tech system kernel modules [*page*] [*file name*]

Syntax Description	file name	Saves output information to a file. The file is saved in the following format: platform/cli/name.txt. The <i>name</i> option cannot contain a period (.).
	page	Pauses output.

Command Modes	Admin
----------------------	-------

Command History	Release	Modifications
	1.6	This command was first documented.

Usage Guidelines	Use this command to display the kernel modules installed.
-------------------------	---

Examples	admin: show tech system kernel modules
	----- show platform system -----
	Linux Kernel modules loaded:
	Module Size Used by
	ipt_REDIRECT 6209 2
	deflate 7617 0
	zlib_deflate 24793 1 deflate
	twofish 41025 0
	serpent 17729 0
	aes 32641 0
	blowfish 14273 0
	des 15809 0
	sha256 13377 0
	crypto_null 6337 0
	af_key 34513 2
	mptctl 37573 4
	mptbase 68257 1 mptctl
	sg 38369 0
	hpilo 13836 6
	ipmi_si 39904 2
	ipmi_devintf 13448 4
	ipmi_msghandler 33644 2 ipmi_si, ipmi_devintf
	i2c_dev 14529 0
	i2c_core 26305 1 i2c_dev
	iptables_nat 27613 2 ipt_REDIRECT
	ipt_LOG 10177 1
	ipt_limit 6465 2
	ipt_state 5953 2
	ip_contrack 46085 2 iptable_nat, ipt_state
	iptables_filter 6977 1
	ip_tables 23105 6
	ipt_REDIRECT, iptable_nat, ipt_LOG, ipt_limit, ipt_state, iptable_filter
	...

show tech system software

show tech system software [*page*] [*file name*]

Syntax Description

file <i>name</i>	Saves output information to a file. The file is saved in the following format: platform/cli/ <i>name</i> .txt. The <i>name</i> option cannot contain a period (.).
page	Pauses output.

Command Modes

Admin

Command History

Release	Modifications
1.6	This command was first documented.

Usage Guidelines

Use this command to display system-related software information.

Examples

```
admin:show tech system software
----- show platform system -----

Software Release Version: 2.0.0.0-44
Platform Release Version: 2.0.0.1-1
```

show tech system tools

show tech system tools [*page*] [*file name*]

Syntax Description

file name	Saves output information to a file. The file is saved in the following format: platform/cli/ <i>name</i> .txt. The <i>name</i> option cannot contain a period (.).
page	Pauses output.

Command Modes

Admin

Command History

Release	Modifications
1.6	This command was first documented.

Usage Guidelines

Use this command to display system-related tools information.

Examples

```
admin:show tech system tools
----- show platform system -----

software: system versions
java version "1.5.0_17"
Java(TM) 2 Runtime Environment, Standard Edition (build 1.5.0_17-b04)
Java HotSpot(TM) Server VM (build 1.5.0_17-b04, mixed mode)

Tomcat "6.0.20-0"
```

show timezone

show timezone {config | list}

Syntax Description

config	Displays the current timezone setting.
list	Lists all available timezones.

Command Modes

Admin

Command History

Release	Modifications
1.6	This command was first documented.

Usage Guidelines

Use this command to display the current timezone settings or to display a list of all available timezones in long format.



Note

The first value is the timezone index, which may be used to set a new timezone using the set timezone command. You can also use the time zone name.

Examples

```
admin:show timezone config
Current timezone: Coordinated Universal Time
```

```
admin:show timezone list

0 - (GMT-12:00) Eniwetok, Kwajalein
1 - (GMT-11:00) Midway Island, Samoa
2 - (GMT-10:00) Hawaii
```

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

The numbers in first column 0, 1, 2 represent index that can be used in set timezone command

```
0 - (GMT-12:00) Eniwetok, Kwajalein
1 - (GMT-11:00) Midway Island, Samoa
2 - (GMT-10:00) Hawaii
3 - (GMT-09:00) Alaska
4 - (GMT-08:00) Pacific Time (US & Canada)
5 - (GMT-07:00) Arizona
6 - (GMT-07:00) Mountain Time (US & Canada)
7 - (GMT-06:00) Central Time (US & Canada)
8 - (GMT-06:00) Central America
9 - (GMT-06:00) Saskatchewan
10 - (GMT-06:00) Mexico City
...
```

show users

show users

Syntax Description	None
---------------------------	------

Command Modes	Admin
----------------------	-------

Command History	Release	Modifications
	1.6	This command was first documented.

Usage Guidelines	Use this command to display the users registered on this device.
-------------------------	--

Examples	<pre>admin:show users Users: Guest - Anonymous</pre>
-----------------	--

show version

show version {active | inactive}

Syntax Description

active	Displays the version number of the software on the active partition.
inactive	Displays the version number of the software on the inactive partition.

Command Modes

Admin

Command History

Release	Modifications
1.6	This command was first documented.

Usage Guidelines

Use this command to display information about the version number of the software on the inactive or active partition.

Examples

```
admin:show version active
Active Master Version: 1.1.1.0-30
```

```
Active Version Installed Software Options:
No Installed Software Options Found.
```

```
admin:show version inactive
Inactive Master Version: 1.6.0.0-213
```

```
Inactive Version Installed Software Options:
No Installed Software Options Found.
```

show videoquality

show videoquality

Syntax Description	None
---------------------------	------

Command Modes	Admin
----------------------	-------

Command History	Release	Modifications
	1.6	This command was first documented.

Usage Guidelines	Use this command to display the default video quality.
-------------------------	--

Examples	<pre>admin:show videoquality Video Quality: Highest Detail, Best Motion: 1080p</pre>
-----------------	--

show workingdir

show workingdir

Syntax Description	None
---------------------------	------

Command Modes	Admin
----------------------	-------

Command History	Release	Modifications
	1.6	This command was first documented.

Usage Guidelines	Use this command to display the current working directories for activelog, inactivelog, and the TFTP system directories.
-------------------------	--

Examples	<pre>admin:show workingdir activelog : <not set, using default path> inactivelog : <not set, using default path> tftp : <not set, using default path></pre>
-----------------	--