File Commands

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file build log

This command collects log information by service or feature and duration.

file build log *service/feature duration*

Syntax Description

Parameters	Description
service/feature	specifies the component or functional area from which to retrieve log information
duration	specifies the time period, measured in days, from which the log information is retrieved.

Command Modes

Administrator (admin:)

Usage Guidelines

Requirements

Command privilege level:

Allowed during upgrade:

Applies to: IM and Presence Service on Unified Communications Manager

Examples

This command collects logs for the Client Profile Agent.

```
admin: file build log cpa 10
Collecting logs

Collecting: logname1.txt
Collecting: logname2.txt

To retrieve run the following command:
 file get epas/trace/acdc_2012-06-28-111258.tar.gz
```

This command collects all logs defined in the xml config.

```
admin:file build log all
Collecting logs

Collecting: logname1.txt
Collecting: logname2.txt

To retrieve run the following command:
 file get epas/trace/acdc_2012-06-28-111258.tar.gz
```

This command collects logs for multiple services.

```
admin:file build log dbmon cpa
Collecting logs

Collecting: logname1.txt
Collecting: logname2.txt

To retrieve run the following command:
 file get epas/trace/acdc_2012-06-28-111258.tar.gz
```

This command shows help.

```
admin:file build log ?
Syntax:
file build log [serviceName [serviceName] ..]

Service Names:
FullName                          ShortName

cisco_client_profile_agent        cpa
cisco_database_layer_monitor      dbmon
cisco_audit_logs                  audit
cisco_ris_dat_collector           risdc
```

This command shows information for the deployment.

```
admin: file build log deployment info 0

DB Queriesmay take up to 5 minutes to complete. Please be patient...
About to start queries for deployment data... please wait...
-------------------------------------------------
Gathering CUCM Version...
```

```
ccmversion
11.0.1.100000(9)
------------------------------------------------
Gathering CUCM Publisher Node
ccmpublisherhostname
gwydlg050498vm1
------------------------------------------------
Gathering Rosters table...
rosters
3032681
------------------------------------------------
Gathering Groups table...
groups
1518966
------------------------------------------------
Gathering Non-Presence contacts...
nonpresencecontacts
502573
------------------------------------------------
Gathering Number of inter-cluster users...
enduser
0
------------------------------------------------
Gathering CUCM Nodes in cluster...
processnode
2
------------------------------------------------
Gathering CUCM Node names in cluster...
name
EnterpriseWideData
processnode
gwydlg050408vm1
------------------------------------------------
Gathering IM&P nodes in cluster...
processnode
2
------------------------------------------------
Gathering XCP Routing Node...
paramvalue
t
------------------------------------------------
Gathering Exchange Calendaring...
pebackendgateway
------------------------------------------------
Gathering SIP Inter-domain Federation...
domainname

paramvaluegwydlg050408vm2-public.cisco.com
------------------------------------------------
Gathering XMPP Inter-domain Federation...
xmpps2ssnodes
0
------------------------------------------------
Gathering Intra-domain Partitioned Federation...
enablepartitionedfedwithacs
f
------------------------------------------------
Gathering Inter-cluster Peering...
cupsinterclusterpeers

------------------------------------------------
Gathering Message Archiver...
pkid
8fede7a9-b6a6-4ad4-8da6-b8ea4c8d5411
```

```
databasetype
Postgres
databasename
tcmadb
name
gwydlg050408vm2
tknodeusage
0
tkprocessnoderole
2
nodeid
3
-------------------------------------------------
Gathering Third-party compliance...
ftextdbprocessnodemap
0
-------------------------------------------------
Gathering Persistent Chat...
enablepersistentgear
t
databasetype
Postgres
datanasename
tcmadb
name
gwydlg050408vm2
tknodeusage
0
tkprocessnoderole
2
nodeid
2
-------------------------------------------------
Gathering Advanced File Transfer...
tkfiletransfer
2
databasetype
Postgres
datbasename
tcmadb
name
gwydlg050408vm2
tknodeusage
0
tkprocessnoderole
2
nodeid
3
-------------------------------------------------
Gathering AD Groups...
paramvalue
t
-------------------------------------------------
Gathering XEP-198...
paramvalue
t
-------------------------------------------------
Gathering DB Replication Status...
replicationdynamic
2
Services on this node that currently have debug logging enabled are:

Cisco Presence Engine
Cisco DRF Local
```

```
Cisco XCP File Transfer Manager

Collecting Logs for deployment_info

Collected: platformConfig.xml
Collected: deployment_info.xml
Collected: system_info.txt

To retrieve the logs, run the following CLI Command:
 file get activelog epas/trace/log_2015-08-17-154010.tar.gz
To maintain a stable system it is recommended that you remove the file after retrieval.
 To do this run the CLI Command:
 file delete activelog epas/trace/log_2015-08-17-154010.tar.gz
Please Note: Debug logging is not enabled for any of the files you have retrieved
```

file check

This command checks the /usr directory tree to see whether files or directories have been added, removed, or changed in size since the last fresh installation or upgrade and shows the results.

file check [*detection-size-kb*]

Syntax Description

Parameters	Description
detection-size-kb	Specifies the minimum file size change that is required for the command to display the file as changed. Default value: 100 KB.

Command Modes

Administrator (admin:)

Usage Guidelines

The command notifies you about a possible impact to system performance and asks you whether you want to continue. The display includes both deleted and new files.

Caution Because this command can affect system performance, we recommend that you run the command during off-peak hours.

Requirements

Command privilege level: 1

Allowed during upgrade: No

Applies to: Unified Communications Manager, IM and Presence Service on Unified Communications Manager, Cisco Unity Connection

file delete

This command deletes a log on the active or inactive side.

file delete { **activelog** | **inactivelog** } *file-spec* [**detail**] [**noconfirm**]

Syntax Description

Parameters	Description
activelog	Specifies a log on the active side.
inactivelog	Specifies a log on the inactive side.
file-spec	Specifies the path and filename of the log or logs to delete (includes install log files).
detail	Shows a listing of deleted files with the date and time.
noconfirm	Deletes files without asking you to confirm each deletion.

Command Modes

Administrator (admin:)

Usage Guidelines

You get prompted for confirmation after you enter the command. You cannot delete directories or files that are in use.

Caution You cannot recover a deleted file, but you may be able to with The Disaster Recovery System.

Requirements

Command privilege level: 1

Allowed during upgrade: Yes

Applies to: Unified Communications Manager, IM and Presence Service on Unified Communications Manager, Cisco Unity Connection

file delete tftp

This command deletes a TFTP file.

file delete tftp *file-spec* [**detail**] [**noconfirm**]

Syntax Description

Parameters	Description
file-spec	Represents the TFTP file name.

Parameters	Description
detail	Shows a listing of deleted files with the date and time.
noconfirm	Deletes files without asking you to confirm each deletion.

Command Modes Administrator (admin:)

Usage Guidelines You get prompted for confirmation after you enter the command. You cannot delete directories or files that are in use.

Caution You cannot recover a deleted file, but you may be able to with the Disaster Recovery System.

Requirements

Command privilege level: 1

Allowed during upgrade: Yes

Applies to:Unified Communications Manager, IM and Presence Service on Unified Communications Manager, Cisco Unity Connection

file delete dir tftp

This command deletes the TFTP directory.

file delete dir tftp *dir-name* [**detail**]

Syntax Description

Parameters	Description
dir-name	Specifies the TFTP directory to delete.
detail	Shows a listing of deleted files with the date and time.

Command Modes Administrator (admin:)

Usage Guidelines You get prompted for confirmation after you enter the command. You cannot delete directories or files that are in use.

Caution You cannot recover a deleted file, but you may be able to with the Disaster Recovery System.

Requirements

Command privilege level: 1

Allowed during upgrade: Yes

Applies to: Unified Communications Manager, IM and Presence Service on Unified Communications Manager, Cisco Unity Connection

file dump

This command dumps the contents of a log, a page at a time.

file dump {**activelog** | **inactivelog** | **install**} *file-spec* [**hex**] [**recent**] [**regexp** *expression*]

Syntax Description

Parameters	Description
activelog	Specifies a log on the active side.
inactivelog	Specifies a log on the inactive side.
install	Specifies an installation log.
file-spec	Represents the log file to dump.
hex	Shows output in hexadecimal.
recent	Dumps the most recently changed file in the directory.
regexp *expression*	Displays only the lines in the file that match the regular expression *expression*.

Command Modes

Administrator (admin:)

Requirements

Command privilege level: 1

Allowed during upgrade: Yes

Applies to: Unified Communications Manager, IM and Presence Service on Unified Communications Manager, Cisco Unity Connection

Example

This command dumps contents of file `_cdrIndex.idx`.

```
admin: file dump activelog cm/cdr/_cdrIndex.idx
```

file dump sftpdetails

This command specifies the list of files that can be dumped in the SFTP context and allows you to choose which file to dump.

file dump sftpdetails

Command Modes Administrator (admin:)

Usage Guidelines Enter **a** to dump all SFTP-related files. Enter **q** to exit this command.

Requirements

Command privilege level: 1

Allowed during upgrade: Yes

Applies to: Unified Communications Manager, Cisco Unity Connection

file dump tftp

This command dumps the contents of a TFTP file to the screen, a page at a time.

file dump tftp *file-spec* [**page**] [**detail**] [**hex**]

Syntax Description

Parameters	Description
file-spec	Represents the name of a TFTP file.
page	Displays the output one screen at a time.
detail	Displays the listing with the date and time.
hex	Displays the output in hexadecimal.

Command Modes Administrator (admin:)

Usage Guidelines

Note *file-spec* must resolve to a single file.

Requirements

Command privilege level: 1

Allowed during upgrade: Yes

Applies to: Unified Communications Manager, Cisco Unity Connection

file fragmentation sdi

This command shows file fragmentation information about SDI log files.

file fragmentation sdi most {**fragmented** | **recent**} [*number*]

Syntax Description

Parameters	Description
most fragmented	Represents the most fragmented log files.
most recent	Represents the most recent logs files.
number	Represents the number of files to list.

Command Modes

Administrator (admin:)

Requirements

Command privilege level: 1

Allowed during upgrade: Yes

Applies to: Unified Communications Manager, IM and Presence Service on Unified Communications Manager, Cisco Unity Connection

file fragmentation sdi file

This command shows file fragmentation information about an SDI log file.

file fragmentation sdi file *filename* [**verbose**]

Syntax Description

Parameters	Description
filename	Represents the SDI log file name.
verbose	Shows more detailed information on the screen.

Command Modes

Administrator (admin:)

Requirements

Command privilege level:1

Allowed during upgrade: Yes

Applies to: Unified Communications Manager, IM and Presence Service on Unified Communications Manager, Cisco Unity Connection

file fragmentation sdi all

This command shows file fragmentation information about all SDI log files in the directory.

file fragmentation sdi all *filename*

Syntax Description

Parameters	Description
filename	Specifies the SDI log file name for which you want to show all fragmentation details.

Command Modes Administrator (admin:)

Requirements

Command privilege level: 1

Allowed during upgrade: Yes

Applies to: Unified Communications Manager, IM and Presence Service on Unified Communications Manager, Cisco Unity Connection

file fragmentation sdl

This command shows file fragmentation information about the most fragmented SDL log files.

file fragmentation sdl most {**fragmented** | **recent**} [*number*]

Syntax Description

Parameters	Description
most fragmented	Represents the most fragmented log files.
most recent	Represents the most recent log files.
number	Represents the number of files to list.

Command Modes Administrator (admin:)

Requirements

Command privilege level: 1

Allowed during upgrade: Yes

Applies to: Unified Communications Manager, IM and Presence Service on Unified Communications Manager, Cisco Unity Connection.

file fragmentation sdl file

This command displays file fragmentation information about an SDL log file.

file fragmentation sdl file *filename* [**verbose**]

Syntax Description

Parameters	Description
filename	Represents the file name of the SDL log file.
verbose	Shows more detailed information on the screen.

Command Modes Administrator (admin:)

Requirements

Command privilege level: 1

Allowed during upgrade: Yes

Applies to: Unified Communications Manager, IM and Presence Service on Unified Communications Manager, Cisco Unity Connection.

file fragmentation sdl all

This command shows file fragmentation information about all SDL log files in the directory.

file fragmentation sdl all *filename*

Syntax Description

Parameters	Description
filename	Represents the file name for which you want to show all fragmentation details.

Command Modes

Administrator (admin:)

Requirements

Command privilege level: 1

Allowed during upgrade: Yes

Applies to: Unified Communications Manager, IM and Presence Service on Unified Communications Manager, Cisco Unity Connection.

file get

This command sends a log to another system by using SFTP.

file get {**activelog** | **inactivelog** | **install**} *file-spec* [*reltimeabstime*] [**match** *regex*] **[recurs] [compress]**

Syntax Description

Parameters	Description
activelog	Specifies a log on the active side.
inactivelog	Specifies a log on the inactive side.
install	Specifies an installation log.
file-spec	Specifies the name of the file to transfer.
reltime	The relative time period, specified in **minutes | hours | days | weeks | months | time value**

Parameters	Description
abstime	The absolute time period, specified as **hh:mm:MM/DD/YY** **hh:mm:MM/DD/YY**
match *regex*	Match a particular string in the filename, specified as *regex*.
recurs	Get all files, including subdirectories.
compress	Transfer files as compressed file.
tftp	

Command Modes

Administrator (admin:)

Usage Guidelines

After the command identifies the specified files, you get prompted to enter an SFTP host, username, and password.

Requirements

Command privilege level: 0

Allowed during upgrade: Yes

Applies to: Unified Communications Manager, IM and Presence Service on Unified Communications Manager, Cisco Unity Connection

Example

This example gets all files in the activelog operating system directory that match the string "plat."

```
admin: file get activelog platform match plat
```

This example gets all operating system log files for a particular time period.

```
admin: file get activelog platform/log abstime 18:00:10/20/13 18:00:10/21/13
```

file get salog

This command sends the partBsalog or salog directory to another system by using SFTP.

file get {**partBsalog** | **salog**} *file-spec* [*reltimeabstime*] [**match** *regex*] **[recurs] [compress]**

Syntax Description

Parameters	Description
partBsalog	Specifies the partBsalog directory.
salog	Specifies the salog directory.

Parameters	Description
file-spec	Specifies the name of the file to transfer.
reltime	The relative time period, specified in **minutes | hours | days | weeks | months | time value**
abstime	The absolute time period, specified as **hh:mm:MM/DD/YY hh:mm:MM/DD/YY**
match *regex*	Match a particular string in the filename, specified as *regex*.
recurs	Get all files, including subdirectories.
compress	Transfer files as compressed file.

Command Modes

Administrator (admin:)

Usage Guidelines

After the command identifies the specified files, you get prompted to enter an SFTP host, username, and password.

Requirements

Command privilege level: 0

Allowed during upgrade: Yes

Applies to: Unified Communications Manager, Cisco Unity Connection

file get tftp

This command sends a TFTP file to another system by using SFTP.

file get tftp *file-spec* [*reltimeabstime*] [**match** *regex*] **[recurs] [compress]**

Syntax Description

Parameters	Description
file-spec	Specifies the name of the TFTP file to transfer.
reltime	The relative time period, specified in **minutes | hours | days | weeks | months | time value**

Parameters	Description
abstime	The absolute time period, specified as **hh:mm:MM/DD/YY** **hh:mm:MM/DD/YY**
match *regex*	Match a particular string in the filename, specified as *regex*.
recurs	Get all files, including subdirectories.
compress	Transfer files as compressed file.

Command Modes

Administrator (admin:)

Usage Guidelines

After the command identifies the specified files, you get prompted to enter an SFTP host, username, and password.

Requirements

Command privilege level: 0

Allowed during upgrade: Yes

Applies to: Unified Communications Manager, Cisco Unity Connection

file list

This command lists the log files in an available log directory.

file list {**activelog** | **inactivelog** | **install**} *file-spec* [**page** | **detail** | **reverse**] [**date** | **size**]

Syntax Description

Parameters	Description
activelog	Specifies a log on the active side.
inactivelog	Specifies a log on the inactive side.
install	Specifies an installation log.
file-spec	Specifies the name of the log file .
page	Shows the output one screen at a time.
detail	Shows a detailed listing with date and time.
reverse	Reverses the sort direction.
date	Sorts files by date.

Parameters	Description
size	Sorts files by size.

Command Modes

Administrator (admin:)

Usage Guidelines

Requirements

Command privilege level: 0

Allowed during upgrade: Yes

Applies to: Unified Communications Manager, IM and Presence Service on Unified Communications Manager, Cisco Unity Connection

Example: Log Files with Details

This example lists operating system log files with details.

```
admin: file list activelog platform/log page detail
```

Example: Directories in the CDR Repository

This example lists directories in CDR repository.

```
admin: file list activelog cm/cdr_repository
```

Example: CDR Files by Size

This example lists CDR files in a specified directory by size.

```
admin: file list activelog cm/cdr_repository/processed/20050812 size
```

file list salog

This command lists the partBsalog or salog directory.

file list {**partBsalog** | **salog**} *file-spec* [**page** | **detail** | **reverse**] [**date** | **size**]

Syntax Description

Parameters	Description
partBsalog	Specifies the partBsalog log directory.
salog	Specifies the salog log directory.
file-spec	Specifies the path to the file or files to list.
page	Shows the output one screen at a time.
detail	Shows a detailed listing with date and time.
reverse	Reverses the sort direction.

Parameters	Description
date	Sorts files by date.
size	Sorts files by size.

Command Modes

Administrator (admin:)

Requirements

Command privilege level: 0

Allowed during upgrade: Yes

Applies to:Unified Communications Manager, Cisco Unity Connection

file list tftp

This command lists TFTP files.

file list tftp *file-spec* [**page** | **detail** | **reverse**] [**date** | **size**]

Syntax Description

Parameters	Description
file-spec	Specifies the name of the TFTP file .
page	Shows the output one screen at a time.
detail	Shows a detailed listing with date and time.
reverse	Reverses the sort direction.
date	Sorts files by date.
size	Sorts files by size.

Command Modes

Administrator (admin:)

Requirements

Command privilege level: 0

Allowed during upgrade: Yes

Applies to: Unified Communications Manager, Cisco Unity Connection

file search

This command searches the content of a log and shows the matching lines a page at a time.

file search {**activelog** | **inactivelog** | **install**} *file-spec* [*reltimeabstime*] **[ignorecase]**

Syntax Description

Parameters	Description
activelog	Specifies a log on the active side.
inactivelog	Specifies a log on the inactive side.
install	Specifies an installation log.
file-spec	Specifies the name of the file to search.
reltime	The relative time period, specified in **minutes | hours | days | weeks | months | time value**
abstime	The absolute time period, specified as **hh:mm:MM/DD/YY hh:mm:MM/DD/YY**
ignorecase	Ignores case in a search.

Command Modes

Administrator (admin:)

Usage Guidelines

Write the search term in the form of a regular expression, which is a special text string to describe a search pattern.

If the search term is found in only one file, the filename appears at the top of the output. If the search term is found in multiple files, each line of the output begins with the filename in which the matching line was found.

Requirements

Command privilege level: 0

Allowed during upgrade: Yes

file search tftp

This command searches the content of a TFTP file and shows the matching lines a page at a time.

file search tftp *file-spec* [*reltimeabstime*] **[ignorecase]**

Syntax Description

Parameters	Description
file-spec	Specifies the name of the TFTP file to search.
reltime	The relative time period, specified in **minutes | hours | days | weeks | months | time value**
abstime	The absolute time period, specified as **hh:mm:MM/DD/YY hh:mm:MM/DD/YY**
ignorecase	Ignores case in a search.

Command Modes

Administrator (admin:)

Usage Guidelines

Write the search term in the form of a regular expression, which is a special text string to describe a search pattern.

If the search term is found in only one file, the filename appears at the top of the output. If the search term is found in multiple files, each line of the output begins with the filename in which the matching line was found.

Requirements

Command privilege level: 0

Allowed during upgrade: Yes

file tail activelog

This command tails (prints the last few lines) of a log file.

file tail {**activelog** | **inactivelog** | **install**} *filespec* [**hex**] [*lines*] [**regexp** *expression*]

Syntax Description

Parameters	Description
activelog	Specifies a log on the active side.
inactivelog	Specifies a log on the inactive side.
install	Specifies an installation log.
filespec	Specifies the path to the file. You can use the wildcard character, *, for filename as long as it resolves to one file.
hex	Show the listing in hexadecimal.
lines	Specifies the number of lines to display.
regexp *expression*	Tails log files that match *expression*

Command Modes Administrator (admin:)

Requirements

Command privilege level: 1

Allowed during upgrade: Yes

Applies to: Unified Communications Manager, IM and Presence Service on Unified Communications Manager, Cisco Unity Connection

Example

This example tails the operating system CLI log file.

```
admin: file tail activelog platform/log/cli00001.log
```

file tail tftp

This command tails (prints the last few lines) of a TFTP file.

file tail tftp *filespec* [**detail**] [**hex**] [*lines*]

Syntax Description

Parameters	Description
filespec	Specifies the path to the file. You can use the wildcard character, *, for filename as long as it resolves to one file.
detail	Long listing with date and time
hex	Show the listing in hexadecimal.
lines	Specifies the number of lines to display.

Command Modes Administrator (admin:)

Requirements

Command privilege level: 0

Allowed during upgrade: Yes

Applies to: Unified Communications Manager, Cisco Unity Connection

file view

This command shows the contents of log files.

file view {activelog/inactivelog/install} } **file-spec**

Syntax Description

Parameters	Description
activelog	Shows the contents of an active side logging files
inactivelog	Shows the contents of an inactive side logging files
install	Shows the contents of an install logging file
file-spec	Specifies the path to the file to view. You can use the wildcard character, *, as long as it resolves to one file.

Command Modes

Administrator (admin:)

Usage Guidelines

Caution Do not use this command to view binary files because this can corrupt the terminal session.

Requirements

Command privilege level: 0

Allowed during upgrade: Yes

Applies to: Unified Communications Manager, IM and Presence Service on Unified Communications Manager, Cisco Unity Connection

Example

This example shows a particular CDR log on the active side.

```
admin: file view activelog /cm/cdr_repository/processed/20058012/{filename}
```

file view activelog

This command shows the contents of log files.

file view activelog file-spec

Syntax Description

Parameters	Description
activelog	Shows the contents of an active side logging files
file-spec	Specifies the path to the file to view. You can use the wildcard character, *, as long as it resolves to one file.

Command Modes

Administrator (admin:)

Usage Guidelines

Caution Do not use this command to view binary files because this can corrupt the terminal session.

Note This command may use a considerable amount of I/O and running it may impact system performance. It is highly recommended that this command be run off-hours.

Requirements

Command privilege level: 0

Allowed during upgrade: Yes

Applies to: Unified Communications Manager, IM and Presence Service on Unified Communications Manager, Cisco Unity Connection

Example

This example shows a particular log on the active side.

```
admin:file view activelog cm/trace/ccm/sdl/{filename}
```

file view inactivelog

This command displays the contents of a log on the inactive side.

file view inactivelog {**file-spec**}

Syntax Description

Parameters	Description
file-spec	Specifies the path to the file to view. You can use the wildcard character, *****, for **file-spec** as long as it resolves to one file.

Command Modes

Administrator (admin:)

Usage Guidelines

Caution Do not use this command to view binary files because this can corrupt the terminal session.

Note This command may use a considerable amount of I/O and running it may impact system performance. It is highly recommended that this command be run off-hours.

Requirements

Command privilege level: 0

Allowed during upgrade: Yes

Applies to: Unified CM, Unified CM with IM and Presence, Cisco Unity Connection

Example

This example shows a particular log on the inactive side.

```
admin:file view inactivelog cm/trace/ccm/sdl/{filename}
```

file view system-management-log

This command shows the contents of the Integrated Management Logs (IML).

file view system-management-log

Command Modes Administrator (admin:)

Usage Guidelines

Caution Do not use this command to view binary files because this can corrupt the terminal session.

Requirements

Command privilege level: 1

Allowed during upgrade: Yes

Applies to: Unified Communications Manager, Cisco Unity Connection

file view tftp

This command displays the contents of the installation log.

file view tftp *file-spec*

Syntax Description

Parameters	Description
file-spec	Specifies the path to the file to view. You can use the wildcard character, *, as long as it resolves to one file.

Command Modes Administrator (admin:)

Usage Guidelines

Caution Do not use this command to view binary files because this can corrupt the terminal session.

Requirements

Command privilege level: 0

Allowed during upgrade: Yes

Applies to: Unified Communications Manager, Cisco Unity Connection