

show content-filtering

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show content-filtering category database

Table 1: show content-filtering category database active verbose Command Output Descriptions

Field	Description
Database Status	Indicates latest status of rating databases. Possible status are: • **OK**: Indicates all SRDB tasks are running and database is good. • **ERROR-Database Corrupt:** Indicates all SRDB tasks are running and database is bad or corrupt. • **ERROR-No database at specified pathname**: Indicates all SRDB tasks are running and database is not available at specified path/location/directory. • **MERGING**: Displayed during merging of the incremental database with full OPTCMDB database. • **LOADING**: Displayed during loading of the database. • **n/a**: Indicates that specified database is not loaded and its status is unknown.

Field	Description
Path	Path specified to base location or folder for Static Rating Databases (SRDB). It may have one of the following flags: • ***ACTIVE***: Indicates database is valid and good. • ***NOT LODAED***: Indicates that there is an error in database.
Last Upgrade Status	Status of last attempt of rating database upgrade. Possible status are: • **Successful:** Displayed after the upgrade is completed successfully. • **Failure**: Displayed in case of failure system will rollback to previous database. • **n/a**: Displayed in case of first time loading of database.
Type	Type of SRDB with checksum. Type of SRDB may be Full or Incremental.
Version	Latest version status of SRDB.
Creation Time	Time of creation of SRDB in DAY MM DD HH:MM:SS YYYY format.
Hostname	Host server name where SRDB base directory existing.
Comment	User defined remarks/description about database.
Last Access Time	Date and time in DAY MM DD HH:MM:SS YYYY format when database was last accessed.
Last Modified Time	Date and time in DAY MM DD HH:MM:SS YYYY format when database was last modified.
Last Status Change Time	Date and time in DAY MM DD HH:MM:SS YYYY format when status of access time or modified time was changed.

show content-filtering category database all

Table 2: show content-filtering category database all Command Output Descriptions

Field	Description
Content Filtering Static Rating Databases:	

Field	Description
Last Upgrade Status	Status of the last attempt of rating database upgrade. Possible statuses are: • **Success**: Displayed after the upgrade is completed successfully. • **Failure**: Displayed in case the full upgrade failed. System will rollback to previous database. • **n/a**: Displayed in case of first time loading of database.
Path	Path specified to base location or folder for Static Rating Databases (SRDB). It may have one of the following flags: • ***ACTIVE***: to indicate database is valid and good. • ***NOT LODAED***: to indicate that there is an error in database.
Database Status	Latest status of rating databases. Possible status are: • **OK**: Indicates all SRDB tasks are running and database is good. • **ERROR-Database Corrupt:** Indicates all SRDB tasks are running and database is bad or corrupt. • **ERROR-No database at specified pathname**: Indicates all SRDB tasks are running and database is not available at specified path/location/directory. • **MERGING**: Displayed during merging of the incremental database with full OPTCMDB database. • **LOADING**: Displayed during loading of the database. • **n/a**: Indicates that specified database is not loaded and its status is unknown.

show content-filtering category database facility srdbmgr all

Table 3: show content-filtering category database facility srdbmgr all Command Output Descriptions

Field	Description
Content Filtering SRDB Instance Based Database Configuration:	
SRDB Instance	Indicates the running Static Rating Database (SRDB) Manager instance number.

Field	Description
DB Load Status	Indicates the database load status.
DB Version	Indicates the version of loaded database.
Volume	Indicates the database volume number.
Number of URLs	Indicates the number of URLs available in specific volume of database.
Number of Blocks/Page	Indicates the average number of blocks per page rated in URLs available in specific volume of database.
The following indicate Dynamic Content Filtering statistics at SRDB level:	
Dynamic SRDB Instance	Indicates the running Dynamic SRDB Manager instance number.
RaterPkg Load Status	Indicates the Dynamic Rater Package load status: • Loaded • Not-loaded
Number of Model files	Indicates the number of model files (used for language detection and category recognition) available.
Standby Dynamic SRDB Instance	Indicates standby Dynamic SRDB instance number.
RaterPkg Load Status	Indicates the Dynamic Rater Package load status: • Loaded • Not-loaded
Number of Model files	Indicates the number of model files (used for language detection and category recognition) available.

show content-filtering category policy-id id

Table 4: show content-filtering category policy-id Command Output Descriptions

Field	Description
Service Name	The content filtering service name.
Content Filtering Policy	The content filtering policy ID, and description, if set.
Content filtering Categories:	
Category	Category of the content rated.
Priority	Priority of the CF Category in the CF Policy.

Field	Description
Action	Action taken for the indicated result of CF analysis.
Content Insert	The content string inserted in place of message returned from prohibited or restricted site or content server.
Redirect	The URL to redirect subscriber.
EDR	The EDR file format name to generate separate CF EDRs based on action and content category.
Timeout Action	The timeout end condition if rating cannot be performed.
Discarded-Flow-Content-ID	The content ID for the discarded flows. If not configured, this field is not displayed.

show content-filtering category statistics

Table 5: show content-filtering category statistics Command Output Descriptions

Field	Description
Service Name	Name of the Content Filtering service.
Content Filtering status	Status of the current Content Filtering service.
Overall Status	Indicates capability of the system to perform Content Filtering service.
Content Filtering Statistics	Indicates the Content Filtering statistics group information.
Static Rating	Information on static rating content-filtering.
SRDB Request Count	Total number of requests received.
SRDB Response Total	Total number of responses sent for requests.
SRDB Response Successful	Total number of responses for successful requests.
SRDB Response Not Rated	Total number of responses for requests without rating.
SRDB Response Not in DB	Total number of responses for unknown or undefined requests.
Number of Incremental DB Received	Total number of incremental rating database received by the Content Filtering subsystem.
Number of Successful Incremental Upgrade Performed	Total number of incremental upgrades performed successfully with incremental rating database.
Number of Full DB Received	Total number of full rating database received by the Content Filtering subsystem.

Field	Description
Number of Successful Full Upgrade Performed	Total number of full upgrades performed successfully with incremental rating database.
Time Since Last Upgrade (dd:hh:mm:ss)	Time since last upgraded, full or incremental, performed.

show content-filtering category statistics facility srdbmgr all

Table 6: show content-filtering category statistics facility srdbmgr all Command Output Descriptions

Field	Description
Content Filtering status	Indicates Content Filtering service status.
Overall Status	Indicates the system's ability to perform content filtering.
Dynamic Content Filtering status	Indicates Dynamic Content Filtering service status.
Overall Status	Indicates the system's ability to perform dynamic content filtering.
Content Filtering SRDB Instance Based Statistics	Indicates the group statistics of content filtering based on Static Rating Database Manager instance.
Instance Number	Indicates the SRDB Manager's instance number.
Static Rating:	
Request Count	Total number of requests received.
Response Total	Total number of responses sent for requests.
Response Successful	Total number of responses for successful requests.
Response Not Rated	Total number of responses for requests without rating.
Response Not in DB	Total number of responses for unknown or undefined requests.
Average Ratings/sec	Indicates the average ratings performed per second.
Number of URLs rated by domain	Total number of URLs rated with given domain.
Dynamic Content Filtering SRDB Instance Based Statistics:	
Instance Number	Indicates the instance number of SRDB manager.
Dynamic Rating:	
Request Count	Total number of requests received.
Response Total	Total number of responses sent for requests.
Response Successful	Total number of responses for successful requests.

Field	Description
Response Not Rated	Total number of responses for requests without rating.
Histogram based on URL length	Indicates the histogram statistics of URLs grouped by length of URL.
Histogram for number of URLs hit per SN category (sorted on no. of URLs):	Indicates the specific category and the number of URLs hit per category. If, during runtime, an x-category was added, the x-category is also displayed.

show content-filtering category url <url> policy-id <id> verbose

Table 7: show content-filtering category url <url> policy-id <id> verbose Command Output Descriptions

Field	Description
URL	The URL path for Static Rating Category Database.
URL Root Domain	The URL's root domain information.
URL OPTCMDB Volume	The Optimized Content Rating Master Database (OPTCMDB) volume and version.
URL Hash	Indicates the URL hash in URL OPTCMDB.
Domain Used For Rating	Indicates whether domain name is used for URL rating. Possible values are: • TRUE • FALSE
URL Category	The URL's category.
Action Configured	Indicates the action configured. **Important** In case of multiple categories, the action configured for a category with highest priority is displayed. If Dynamic Content Filtering is enabled, the action configured for DYNAM and UNKNOW is displayed as **Dynamic** (i.e. the URL is sent for Dynamic categorization). In case more than one category is returned with DYNAM and if it is configured with higher priority then, that action will be shown.
Content Insertion String	Indicates the content insertion string. **Important** This field is displayed only if Dynamic CF is not enabled.

Field	Description
Redirect URL	Indicates the redirected URL. **Note** This field is displayed only in the case of multiple categories.

show content-filtering server-group name

Table 8: show content-filtering server-group name Command Output Descriptions

Field	Description
Content Filtering Group	The name of the Content Filtering Server Group (CFSG).
Context	The name of the content in which CFSG is configure.
Origin Address	IP address of the origin endpoint or ICAP client.
ICAP Address(Port)	IP address and port number of ICAP server with in CF Server Group.
Max Outstanding	Total number of unanswered outstanding messages to this ICAP server.
Failure Action	Displays the action taken on connection failure.
Response Timeout	Displays the configured response-timeout duration to wait for response.
Connection Retry Timeout	Displays the configured connection retry timeout duration to check the TCP connection status between ICAP sever and client.
Dictionary	Displays the configured dictionary to use for encoding the requests to the server(s).
Deny Message	Displays the configured text string message that is returned to the subscriber in a deny response.
Header Extension Options	Displays the ICAP header information if configured or displays "None" if no ICAP header is configured.

show content-filtering server-group statistics

Table 9: show content-filtering server-group statistics Command Output Descriptions

Field	Description
Content Filtering Group	The name of the Content Filtering Server Group (CFSG).

Field	Description
Connection Statistics	Displays the ICAP connection related statistics.
Current Open Connections	Total number of open connections.
Connection DHOST requests	Total number of DHOST requests.
Successfull Connections	Total number of successful connections.
Connections DHOST remove	Total number of connections removed from DHOST.
Connection SHUTDOWN req	Total number of requests for SHUTDOWN.
ACF Unreachable(read)	Total number of attempts for Active Content Filter server (ICAP server) to read.
ACF Unreachable(write)	Total number of attempts for Active Content Filter server (ICAP server) to write.
Reconnect attempts	Total number of reconnect attempts for ACF server (ICAP server).
Connection Timeout	Total number of connections timeout after reconnect attempts for ACF server (ICAP server).
Connection Failure Statistics	Displays connection failure statistics.
Connection DHOST errors	Total number of connection DHOST errors in connection.
Connection CONNECT error	Total number of connection CONNECT errors in connection.
Socket open errors	Total number of errors due to SOCKET open in connection.
Connection bind errors	Total number of BIND errors in connection.
Connection setvr errors	Total number of SETVER errors in connection.
Connection NONBLOCK errors	Total number of NONBLOCK errors in connection.
Connection SHUTDOWN errors	Total number of SHUTDOWN errors in connection.
Incomplete 3-way handshaking	Total number of errors due to incomplete 3-way handshaking in TCP connection.
ACF Statistics	Displays Active Content Filter (ICAP server) statistics.
ACF Requests Created	Total number of requests created for ACF.
Response Timeout	Total number of response timeout for requests to ACF.
Write request success	Total number of successful WRITE requests.
Write request failed	Total number of failed WRITE requests.
Read response success	Total number of successful READ response.
Read response failed	Total number of failed READ response.

Field	Description
HTTP Permit	Total number of HTTP URLs permitted from ACF.
WAP Permit	Total number of WAP URLs permitted from ACF.
HTTP Denny	Total number of HTTP URLs denied from ACF.
WAP Denny	Total number of WAP URLs denied from ACF.
HTTP Redirect	Total number of HTTP URLs redirected from ACF.
WAP Redirect	Total number of WAP URLs redirected from ACF.
Invalid ACTION	Total number of invalid ACTION message from ACF.
Redirect URL not defined	Total number of errors due to undefined redirect URL.
Buffer List Empty	Total number of errors due to empty buffer list.
Failure action Permit	Total number of connections permitted after connection failure.
Failure action Deny	Total number of connections denied after connection failure.
Failure action Discard	Total number of connections discarded after connection failure.
Failure action Terminate	Total number of connections terminated after connection failure.
Failure actions taken	Total number of actions taken after failure in connection failure.
Num pkts dropped for DENY	Total number of packets dropped after denying the connection due to failure in connection.
Num pkts dropped for REDIRECT	Total number of packets dropped after redirecting the connection due to failure in connection.
Num pkts dropped for DENY Timeout action	Total number of packets dropped after denying the connection due to timeout action.
Num pkts dropped for REDIRECT Timeout action	Total number of packets dropped after redirecting the connection due to timeout action.
ACF Resp Parse Statistics	Displays the statistics related to ACF response parsing.
Parse ACF resp success	Total number of successful ACF parse response.
Parse ACF resp ver err	Total number of successful ACF parse response version error.
Misc Statistics	Displays the miscellaneous statistics.
Total pkts sent	Total number of packets sent through ICAP connection.
Invalid ACF group config	Total number of errors due to invalid CF Server Group (Active Content Filter server groups) configuration.

Field	Description
Invalid bind address	Total number of errors due to invalid binding address configuration.
Invalid ICAP address	Total number of errors due to invalid ICAP server addresses.
Num req to standby server	Total number of requests sent to the standby server.