



CMPG Web Help Document

Welcome to the CMPG Web under Assessment Tools Portal.

This is designed to give graphical output of performance data collected from your Storage Controllers.

The source of this data can be either weekly performance ASUPs (from Reaper or the CMDownload tool) or manually from your storage controller (see below)

Partners will have to collect this from the Storage Controllers weekly – using the following options

- ▶ autosupport.performance_data.enable on
- ▶ autosupport.local.performance_data.enable on
- ▶ autosupport.partner.to joe.bloggs@company.com

OR for a 7.2.x or earlier system

- ▶ autosupport.to joe.bloggs@company.com

On Sunday a normal and performance ASUP are sent. The mail message you require is labelled "Cluster Notification (PERFORMANCE DATA) INFO"

This ASUP contains a data file called "CM-HOURLY-STATS.gz". This is the require performance data file that should be upload to cmpg.netapp.com.

Or you can get the last weeks only from:

/vol/vol0/etc/log and the file is called ".cmdata.hourly.done"

If uploading directly from the storage controller please remove the "." From the start of the of the file and compress it using winzip on defaults. Only zip and gz files can be uploaded to CMPG Web.

For 8.2 C-mode systems: The Cm-Hourly-Stats.gz files are not present. In place we have "CM-STATS-HOURLY-INFO.XML" and "CM-STATS-HOURLY-DATA.XML". Both of these files to be uploaded in order to process 8.2 C-mode Hourly Stats data. **WHILE PROCESSING 8.2 STATS FILES PLEASE UPLOAD THE XML FILES TO CMPG WEB. CMPG WEB DO NOT SUPPORT PROCESSING OF THESE FILES IN ZIPPED FORMAT.**

You can also use the Performance Archiver files from 7.3.x onwards, these give you granular "per-second" stats. You can collect these files here:

- ▶ In ONTAP 7.3: /etc/stats/archive/
- ▶ In ONTAP 7.3.2+: a symlink made from /etc/log/stats/archive to /etc/stats/archive
- ▶ In ONTAP 8.0+: directory moved from /etc/stats/archive to /etc/log/stats/archive
- ▶ In ONTAP 8.2+: For 7-mode systems, directory is /etc/log/stats/archive. For C-Dot systems, directory moved to /mroot/etc/log/stats/cores. There will be .gz files and corresponding .meta files. Both the files need to be uploaded for successful processing.

Internally

Cmdownload is a command line tool to download multiple weeks of performance autosupports from the database. "CmDownload -f na-03 -w 10" or "CmDownload -f <system serial number> -w 26" CmDownload and CMPG offline versions are available here <http://wikid.netapp.com/w/CMPG>

How to upload weekly performance data files to CMPG:

Click on CMPG Web tab in ATP. You can use this option to upload files from data obtained from either weekly performance ASUPs or manually from your storage controller.



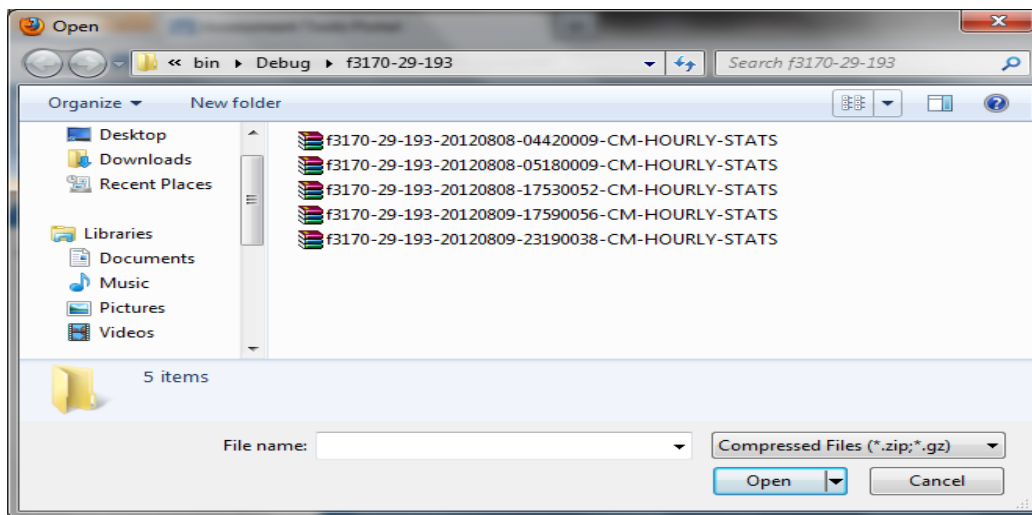
By using CM-HOURLY (default) and Enhanced Disk and Raid Details

- i. Enter the **Customer Name**.

Customer Name

Type ☒ CM-HOURLY ☐ CM-ARCHIVER

- ii. Select the Type through radio button. By default **CM-Hourly** is selected.
- iii. Browse the file to be uploaded.



- iv. View the selected files. You can delete the selected file by choosing the **Delete** option.

Selected Files	Delete
f3170-29-193-2012080	☒

- v. Now select the **Next** button.

- vi. Now select the **Enhanced Disk and Raid Details** radio button.
- vii. Can choose **Details** option to generate the details graphs
- viii. Paste the outputs to their respective textboxes.

Customer Name **sss**

File Type **CM-HOURLY**

Type ☒ Enhanced Disk and RAID Details ☐ LUN Alignment ☐ None ☐ DETAILS

Previous **Next**

STORAGE Paste output of 'storage show disk -a' here:

SYSCONFIG-R Paste output of 'sysconfig -r' here:

AGGR-STATUS Paste output of 'aggr-status' here:

Previous **Next**

- ix. After Pasting the outputs click on **Next** and select **Time Zone**.

Time Zone (GMT) Greenwich Mean Time : Dublin, Edinburgh, Lisbon, London

Help Text Select the time zone of the control.

(GMT) Casablanca, Monrovia

(GMT) Greenwich Mean Time : Dublin, Edinburgh, Lisbon, London

(GMT+01:00) Amsterdam, Berlin, Bern, Rome, Stockholm, Vienna

(GMT+01:00) Belgrade, Bratislava, Budapest, Ljubljana, Prague

(GMT+01:00) Brussels, Copenhagen, Madrid, Paris

- x. After selecting **Time Zone** press **Complete**.

Time Zone (GMT) Greenwich Mean Time : Dublin, Edinburgh, Lisbon, London

Complete

Then, file will start uploading. Wait for the popup and file will be uploaded. Click **OK**.

cpsan01-20100918-115159-CM-HOURLY-STATS.gz

Uploaded 37%

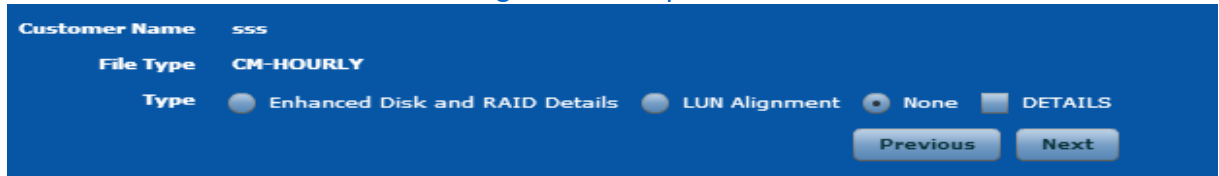
Successful Upload

Files uploaded successfully.

OK

By using CM-HOURLY (default) and LUN Alignment

- i. Follow steps I to V from the above (CM-HOURLY (default) and Enhanced Disk and Raid Details).
- ii. Now choose the radio button **LUN Alignment** and press **Next**.

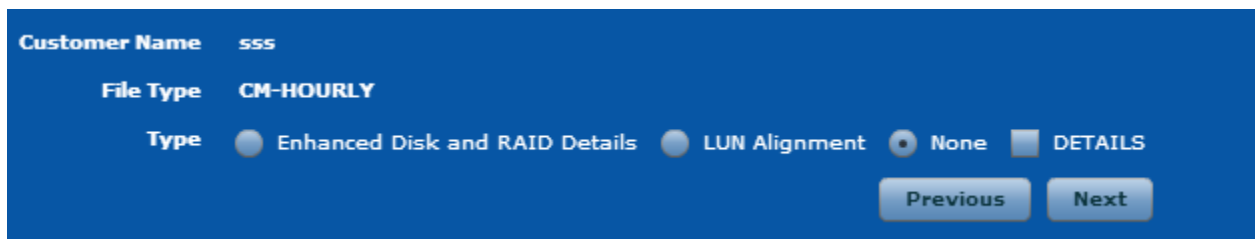


A screenshot of a configuration interface with a blue background. It contains the following elements: 'Customer Name' with the value 'sss'; 'File Type' with the value 'CM-HOURLY'; and a 'Type' section with three radio buttons: 'Enhanced Disk and RAID Details' (unselected), 'LUN Alignment' (selected), and 'None' (unselected). There is also a 'DETAILS' checkbox which is unchecked. At the bottom right are 'Previous' and 'Next' buttons.

- iii. Can choose **Details** option to generate the details graphs.
- iv. And follow step IX & X from above (CM-HOURLY (default) and Enhanced Disk and Raid Details) and file will be uploaded.

By using CM-HOURLY (default) and None (default)

- i. Follow steps I to V from the above (CM-HOURLY (default) and Enhanced Disk and Raid Details).
- ii. Now choose the radio button **None** and press **Next**. **None** is the default option in this screen.



A screenshot of a configuration interface with a blue background. It contains the following elements: 'Customer Name' with the value 'sss'; 'File Type' with the value 'CM-HOURLY'; and a 'Type' section with three radio buttons: 'Enhanced Disk and RAID Details' (unselected), 'LUN Alignment' (unselected), and 'None' (selected). There is also a 'DETAILS' checkbox which is unchecked. At the bottom right are 'Previous' and 'Next' buttons.

- iii. Can choose **Details** option to generate the details graphs
- iv. And follow step IX & X from above and file will be uploaded.

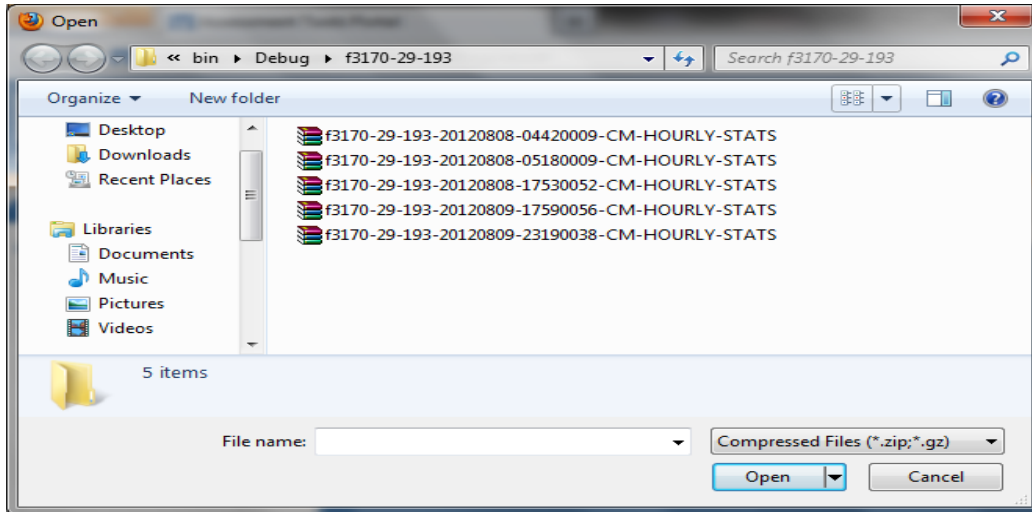
By using CM-ARCHIVER

- i. Enter the **Customer Name**.



A screenshot of a configuration interface with a blue background. It contains the following elements: 'Customer Name' with an empty text input field; 'Type' with two radio buttons: 'CM-HOURLY' (unselected) and 'CM-ARCHIVER' (unselected). At the bottom are 'Browse' and 'Next' buttons.

- ii. Select the **CM-ARCHIVER** radio button.
- iii. Browse the file to be uploaded.



- iv. View the selected files. You can delete the selected file by choosing the **Delete** option.

Selected Files	Delete
f3170-29-193-2012080	

- v. Now select the **Next** button. Select radio button of your choice to select the frequency.

A screenshot of a configuration window with a blue background. It contains the following fields and options:

- Customer Name:** sss
- File Type:** CM-ARCHIVER
- Type:**
 - ☐ Every Second
 - ☒ Every 5 seconds
 - ☐ Every minute
 - ☐ Every 5 minutes
- ☐ DETAILS
- Buttons:** Previous, Next

- vi. Can choose **Details** option to generate the details graphs.

- vii. Now press **Next**.

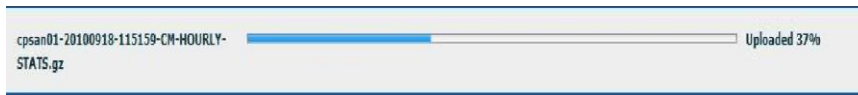
- viii. Then select **Time Zone**.

A screenshot of a 'Time Zone' selection dropdown menu. The dropdown is open, showing a list of time zones. The selected option is '(GMT) Greenwich Mean Time : Dublin, Edinburgh, Lisbon, London'. Other visible options include '(GMT) Casablanca, Monrovia', '(GMT+01:00) Amsterdam, Berlin, Bern, Rome, Stockholm, Vienna', '(GMT+01:00) Belgrade, Bratislava, Budapest, Ljubljana, Prague', and '(GMT+01:00) Brussels, Copenhagen, Madrid, Paris'. There is a 'Help Text' section on the left that says 'Select the time of the control'.

- ix. After selecting Time Zone press **Complete**.

A screenshot of the configuration window with the 'Time Zone' dropdown set to '(GMT) Greenwich Mean Time : Dublin, Edinburgh, Lisbon, London'. The 'Complete' button is highlighted with an orange arrow pointing to it.

Then, file will start uploading, and file will be uploaded. Click **OK**.



Download reports

Steps:

- i. Click on **Download Report** tab.



- ii. By default, all the reports types will be shown in results. Maximum 10 reports are shown per page.
- iii. To filter **CMPG Web** Reports, select **CMPG Web** option from the Report Type drop down menu.
- iv. Additionally, you can also select **Date** and **Customer Name** for more filter options.
- v. Then click on **Search**.

Download Report

Note: Requested reports will be retained in the system only for **14days**

Search By

Report Type :	CMPG Web	Date From :	
Customer Name :		Date To :	
Include Shared Report :	☐		
Search			

- vi. Click on the **Download Excel Report** link in the result table to download the specific report.
- vii. Click on the **Download Log Report** link in the result table to download the logs specific to the report.

Report Type	Customer Name	No. of Controllers Profiled	Request Date	Download Excel Report	Download CMPG Excel Files	Download MS Word Report	Download Log Report	Shared By	Re-submit
CMPG Web	Test_Upload	N/A	FEB 12, 2013 12:23:23 AM						
CMPG Web	ww	N/A	FEB 08, 2013 02:25:35 AM						
CMPG Web	ddd	N/A	FEB 08, 2013 12:58:00 AM						

« Prev | 1 | Next »

- viii. Emails will be sent to the user once processing is over. No emails are sent to user on report submission.
- ix. Additionally, user can also view the status of the report in **My Dashboard**. Latest 10 requests are shown by default.

Terminate reports

Steps:

- i. Click on **Report Generation Status** Tab. Only reports that are not completed can be terminated.



- ii. By default, all the reports types will be shown in results. Maximum 10 reports are shown per page.
- iii. To filter **CMPG Web** Reports, select **CMPG Web** option from the Report Type drop down menu.
- iv. Additionally, you can also select **Date** and **Customer Name** for more filter options.
- v. Then click on **Search**.

Report Status
Note: Requested reports will be retained in the system only for **14days**

Search By

Report Type :
Customer Name :
Include Shared Report :
☐

Select

Report Status :
Date From :
Date To :

--All--

- vi. Click on the **Terminate** link in the result table to download the specific report.

Report Type	Customer Name	No. of Controllers Profiled	Report Status	Report Requested On	Shared By	Re-submit	Terminate
CMPG Web	Test	N/A	In Queue	FEB 15, 2013 06:01:13 AM			Terminate