

Job Activity and Dashboard

Overview

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Job-Activity Tab

The **Job-Activity** panel provides quick access to a jobs last execution status, job logs for the current and historical executions and their completion status – refer to Last Status and Last Error columns where their defined values are shown here.

Last Status	Description
Running	Job is detected as being active
Exceptions	Job has completed with an exception(s) possibly due to a failed recovery possibly caused by corrupt files, invalid credentials, lack of staging space. Refer to Last Error column for clues to the type of exception and review the job log.
Failure	The job has failed to Export to tape or has failed to stage any backups successfully. Refer to Last Error column for clues and review the job log.
Cancelled	Job has been cancelled by user
Env-Locked	Job is configured to use an Env-# (thread number) but the Env-# is already in use by another job, an illegal condition. Wait until the current job that holds the lock completes or reconfigure your job accordingly to use a different Env-#. If it is intended to use this Env-#, establish a Batch job definition to manage a series of Standard job policies to proceed sequentially to a given Env-# in an orderly fashion to prevent this condition.
Never-Run	Job policy definition exists but has never been executed determined by the lack of a corresponding job log.

Last Error	Description
None	the job completed without error or significant exceptions
Staging Error	A backup recovery has failed or encountered a recovery exception. This may be serious or insignificant as in the case when the cause is related with specific file(s) in the backup being staged. A common error is 10007 against Office compressed files where the specific file names can be determined from it's corresponding avtar log.
Export Error	The export backup to tape or ADS has failed. This results in ADMe leaving the staged on the staging disk allowing a user to rerun the failed Export phase after the cause has been corrected. If a rerun succeeds, the staged data will be removed automatically from the staging disk involved, if the rerun fails manual intervention will be required to correct and possibly manual deletion of the staged data will be needed.
Job Cancellation	User cancelled and active job
Env-File Lock	Indicates the migration thread or Env-# was in use by another job when this job was started which is configured to use it. It is not allowed to have multiple jobs sharing a migration thread simultaneously. Refer to the use of Batch jobs to overcome this condition.

In addition to the above, other metrics related to a job’s execution are available and if Networker is being used as the tape export application, detailed Networker metrics are also provided as documented here. For all other tape applications these columns will be set to **n/a**.

Column Metric	Description
Export application name	Networker is the only supported application for which the following metrics are provided
Save-Set-ID	Networker save-set ID value
Backup Level	Networker backup Level performed, must always show as Full unless you are using ADMe incremental staging with a corresponding incremental tape backup policy.
Start Date-Time	start date – time of the export phase
End Date-Time	end date – time of the export phase
Browse Retention Period	Duration the export backup will be browsable from the Networker Recovery UI
Export Retention Period	Duration the export backup will be retained within the Networker media database
Export Size	Size of the export backup measured in bytes
Export File Count	Number of files present in the export backup
Policy Name	Networker Group/Workflow name used
Save Set Path	save set or path value used to perform the backup from must equal the defined staging path with keyword BYDATE or INCREMENTAL appended to it. The value in <#> represents number of save streams used when writing to tape. If using Networker parallel save set feature the numeric value should be <4>.
Media Pool	media pool name used for this export
Media Volume	media volume name used, usually matches the Barcode value when using tape
Tape Barcode(s)	Tape barcodes associated with this export, only present if using physical tape

Viewing Job Logs

To view a job log, highlight the appropriate job row then Right-Click to open a context menu and choose one of the following options:

Log Related Choices	Description
View Log	View the complete log pertaining to a jobs last execution
View Summary	View a summary of the log pertaining to jobs last execution
View History	View a history of all available executions for a given job. Right-click desired row from the history pane log as required.

Email Activity Report

Use the **Email Stats** tool icon in upper right to email the information contained in the Activity and Client Config tabs in the form of two CSV files and a custom spreadsheet to view them. The CSV files must be saved in folder C:\ADME on your desktop and imported to the custom spreadsheet via the built in Import macro button to view their contents.

Starting a Job on Demand

Highlight the appropriate row, Right-Click to open the context menu and click on **Start Job**. From the pop-up choose Both when both migration phases are needed staging and export phase, Stage-Only when only the staging phase is needed or Export-Only when only the export phase is needed. Export-Only is especially useful when a previous export has failed and by design, ADMe retains the associated staged data on the staging disk eliminating the need for it to be restaged.

Cancel an Active Job

Highlight appropriate job row which must be in a Running state, Right-Click and choose **Cancel Job**. A dialogue box is displayed explaining the limitations related with cancelling a job describing additional steps which may be required depending on the migration phase it’s currently in. You may need to go to the staging server and kill related process’s there to accomplish the cancel. A prompt is made to enter the reason for a cancellation. Cancelling a job can take several minutes to complete. It is advisable to cancel a job using the interactive CLI menu as more detail is displayed there while the cancellation is in progress.

Job-Dashboard Tab

The job dashboard provides a basic graphical display of several ADMe stats and metrics as documented below.

Job Run Stats

Stat	Description
Success	the job completed without error or significant exceptions
Staging Error	A backup recovery has failed or encountered a recovery exception. This may be serious or insignificant such in the case when the cause is related to specific file(s) within the backup being staged. A common error is 10007 against Office compressed files which can be identified using the corresponding avtar log.
Export Error	The export backup usually to tape has failed. This will result in the staged data being left on the staging disk by design to allow you to rerun the Export phase once the cause has been identified and corrected. If a rerun succeeds, the staged data will be removed from the staging disk involved otherwise it will not and manual intervention will be required to clear it.
Job Cancellation	User cancelled and active job
Env-File Lock	Indicates the migration thread or Env-# was in use by another job when this current job was started and configured to use it. It is not allowed to have multiple jobs sharing a migration thread simultaneously.

Configuration Related Metrics

Config Metric	Description
Env-File Count	Represents the total number of environment files defined each used as a unique migration thread. Env-20 is special and hidden from the GUI but will be included in this count.
Staging Thread Count	number of migration threads unique to Windows and Linux OS
Export Count Server	number of job policies configured to leverage server-initiated exports
Export Count EOY	number of environment files configured to leverage a separate end-of year tape policy
Export Policy Count	number of unique export policy references in ADMe client file
Client Count	number of unique client names present in the ADMe client file
Avamar Domains	number of unique Avamar domains present in the ADME client file
Client Groups	number of client groups present in the ADMe client file

Version Information

Version Info	Description
Date & Time	Current date & time
Avamar Hostname	Avamar hostname ADMe is installed on
Avamar Version	Current Avamar version
ADMe Version	Current ADMe version
ADMe Home - Page	Link to ADMe home page containing latest ADMe builds along with links to official support download site and common ADMe related KB articles. https://www.dell.com/support/kbdoc/en-ca/000182609

Release Notes and Tools

Content	Description
ADMe Release Notes & Tools	<p>Provide access to informational & procedural PDF's useful for customizing various process's, tasks and reside in folder /home/admain/admeadmin/tools</p> <ul style="list-style-type: none">• A .pdf containing latest ADMe Release notes documenting bug fixes and enhancements• A .pdf documenting how to establish multiple migration threads per staging server via wthreads2.tab (.bat) on Windows or Lthreads.sh for Linux staging servers• A .pdf documenting how to overcome CRON tab limitations when unique ADMe scheduling requirements are needed• A .pdf documenting semi-automated and manual steps used to configure Networker properly for ADMe in a Tapeout use case• Automation scripts .sh used primarily during initial implementation to establish client groups and job policies in bulk. These are applicable only to trained persons and shown here for awareness only.• AER automation scripts used specifically when ADMe is used for recovering from tapes created by AER