ASM Service Properties Options (Options tab of Service Properties)

Option	Description
Drive saver minutes	Number of minutes of inactivity before drive media is spun down.
Timeslice value – minimum mount	Number of seconds media must remain in a drive after it has been mounted.
Timeslice value – last fetch	Number of seconds media must remain in a drive after a fetch is processed.
Timeslice value – maximum mount	Number of seconds media must remain in a drive when there are pending fetch requests for other media.
Default block size for tape media	Sets default block size for tape media when formatted by ASM (in KB).
Use hardware compression	Enables device compression for data (if supported by the device).
Use secure file delete	Allows ASM to overwrite deleted file data (if supported by the media).
Use special application filtering	Sets default access attributes for files called by specified applications.
Use write verify command	Instructs ASM to verify data transfers to media.

Move Group Properties (Right-click a move group and select Properties)

Tab	Information/Options
General	Contains move group name and media type selection list. Move group name should be descriptive of media and purpose. Each move group can contain only one type of media.
Media	Lists all media assigned to the move group. You can Add media to the list if it is already assigned to the media folder. You can also Remove, Promote, and Demote media in the list.
Options	Provides options for media mount configurations, media write disabling due to errors, sequential or random media fill, full media removal, and group low free space warnings.
Automation	Allows for configuration of automatic labeling of blank media and addition to the group when group free space falls below specified mark. Allows set up of automatic compaction of group media when wasted space (files marked for deletion) exceeds a specified percentage.

Move/Purge Rule Properties (Right-click a rule and select Properties)

Properties Tab	Information/Options
File Name	Media folder or sub-folder(s) and file name restrictions (if any) to which the rule will apply.
Size	Size restrictions (if configured) on files to which the rule will apply.
Attributes	File attribute restrictions (if configured) for files to which the rule will apply.
Age	File age restrictions (if configured) for files to which the rule will apply.
Move Rule: Settings	Move group (media) to which files will move and direct read and purge after move options.
Purge Rule: Settings	Option to purge files as they qualify for this rule or with entire purge list when purge start watermark is reached. You may select priority for purge if processing with entire purge list.

This card is designed to provide quick reference information to experienced administrators and is *not* intended to take the place of the System Guide or Data Management Guide.

ASM Administrator Toolbar Buttons

Button	Function	Button	Function
	Connects to the registered ASM computer listed in the Computer Selection box.		Opens the New Extended Drive Wizard, which allows you to create an extended drive.
	Disconnects from the current ASM computer.		Displays a dialog box that allows you to create a new object of the type currently selected.
	Opens the ASM Service Manager.		Deletes or removes the object currently selected, if supported.
	Opens the Register Computers dialog box, which allows you to register other ASM computers for remote administration.		Allows you to rename the object currently selected, if supported (e.g., some media cannot be renamed using this function).
	Opens Configure Media Services dialog box.		Displays the Properties dialog box for the selected object.
Computer: [Local]			Provides a drop-down list of registered ASM computers, which you can connect to and remotely administer.

Extended Drive Properties Options (Options tab of Extended Drive Properties)

Option	Description
Backup mode for managed files	Determines ASM file backup settings when running a system backup.
Direct read memory cache	Amount of extended drive memory to be used for direct read of files.
Disable file size fixup	Sets the way purged ASM files appear in Explorer (0 bytes or actual size).
Disable folder rename check	Sets whether users can rename folders on the extended drive.
Fetch request timeout minutes	Number of minutes ASM will wait before canceling a fetch request.
Force direct read for all files	Sets direct read for *all* files moved to media from the extended drive.
Force moves when nothing to purge	Processes move list when purge watermark reached and purge list is empty.
Prevent file delete	Prevents deletion of files when not supported by media.
Prevent file modification	Prevents modification of files when not supported by media.
Purge start watermark	Sets extended drive used space percentage for start of purge list processing.
Purge stop watermark	Sets extended drive used space percentage for stop of purge list processing.
Warn when free space is getting low	Instructs ASM to send warning when extended drive free space gets low.

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Step 1: Add a media service

1   Select Configure Media Services from the Service Menu.

2   Click Add in the Configure Media Services dialog box.

3   Select the media service type you want to configure and follow the steps through the wizard.

4   Once added, use the Properties button to create media for the media service (if applicable).

Step 2: Create an extended drive

1   Select New Extended Drive from the Service menu.

2   Click Next on the New Extended Drive page after you read it.

3   On the Select Drive page, highlight the NTFS volume you want to extend and click Next.

4   On the Settings page, clicking Schedule allows you to set up the media activity schedule; clicking Drive Scan allows you to set up the extended drive scan schedule; clicking Backup allows you to configure regular extended drive backups. You can set these schedules while creating the extended drive or at any time through the Extended Drive Properties. When finished, click Next.

5   On the Options page, highlight each option from the Option Name list to configure option settings.

6   Click Finish. The extended drive appears in the tree view of the Administrator.

Step 3: Allocate media to an extended drive (not applicable for ACSLS media)

1   Select Configure Media Services from the Service menu to open the Media Services dialog box.

2   Highlight a NAS, OTGMS, or TSM media service and click Properties.

3   Click on the Media List tab.

4   Highlight the media you want to allocate and click Allocate. You may select multiple pieces.

5   Select the extended drive to which you want to allocate the media and click OK.

6   Click OK when finished to return to the Media Services dialog box.

Step 4: Create a media folder

1   Right-click the extended drive and select Create Media folder from the shortcut menu.

2   Type the media folder name in the Enter Folder Name text box or browse for a folder that already exists on the extended drive.

3   Click OK. The media folder is added under the extended drive in the tree view.

Step 5: Add media to the media folder

1   Right click the media node under the media folder to which you want to add media and select Add Media from the shortcut menu.

2   From the Media list, highlight all the media you want to add to the media folder and click Add.

3   Click Next.

4   If available, enable or disable media restore options as appropriate and click Next.

5   Review the information in the summary and click Finish. The media appears in the media node under the media folder.

Step 6: Create a move group

1   Right-click on the move group node (located under each media folder) and select New from the shortcut menu.

2   Enter a name for the move group in the Name text box and select a media type for the move group from the Media Type drop-down list. Each move group can contain only one type of media. Click Next.

3   You may create the move group without media. To do so, click Next and then click OK on the warning message that appears.

4   To add media at this time, click Add. Highlight the media you want to add and click OK. Then click Next.

5   Configure move group options and click Next.

6   If applicable to the move group media type, select to enable automatic labeling (and subsequent addition to group) of blank media, and/or automatic compaction and formatting of media with excessive wasted space (deleted files). Then click Next.

7   Review summary information and click Finish.

Step 7: Add media to a move group

1   Right-click a move group and select Properties from the shortcut menu.

2   Click on the Media tab to activate it and click Add.

3   From the list that appears, highlight all pieces of media you want to add and click OK.

Step 8: Create a move rule

1   Right-click on the move rule node (located under each media folder) and select New from the shortcut menu.

2   Configure file selection criteria by selecting a folder (and/or subfolder(s)), and file name attributes, and click Next.

3   Configure file size restrictions by excluding files by size, or retain default, and click Next.

4   Configure file attribute restrictions by excluding files by attribute or retain default, and click Next.

5   Configure file age restrictions by excluding files by age since specified action, or retain default and click Next.

6   Select the move group to which qualifying files will be moved, and enable/disable direct read after move and/or purge after move options, then click Next.

7   Review summary information and click Finish.

Step 9: Create a purge rule

1   Right-click on the purge rule node (located under each media folder) and select New from the shortcut menu.

2   Configure file selection criteria by selecting a folder (and/or subfolder(s)), and file name attributes, and click Next.

3   Configure file size restrictions by excluding files by size, or retain default, and click Next.

4   Configure file attribute restrictions by excluding files by attribute or retain default, and click Next.

5   Configure file age restrictions by excluding files by age since specified action, or retain default, and click Next.

6   Select whether to purge files as they qualify for this rule (Purge files during extended drive scans) or to purge files when the purge start watermark is reached (Purge files matching as disk space is needed) and set the priority (if applicable), and click Next.

7   Review summary information and click Finish.