ETH

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Client Commands

The following command overview refers to the TSM CLI client.The CLI client can either be started and the commands issued from there or by using the dsmc <command> they can be issued directly in the cmd/terminal.

The CLI client can be started as follows:

Windows

C:\Program Files\Tivoli\TSM\baclient\dsmc.exe (requires Administrator rights)

Mac

dsmc (if not in PATH can be fount at /Library/Application\ Support/tivoli/tsm/client/ba/bin/dsmc)

Linux

dsmc (if not in PATH can be fount at /opt/tivoli/tsm/client/ba/bin /dsmc)

Client Commands

The following commands can all be carried out by starting dsmc first and entering the command afterwards.

Start Backup

dsmc incr

To back up only one specific path (and all the folders and files underneath), the command looks like this:

dsmc incr /pfad/zum/ordner/ -subdir=yes

Search Backup

dsmc query backup

To search a specific folder the command should look like this:

 (-ina also shows inactive (deleted versions) data, subdir=yes starts the search recursively):

dsmc query backup /pfad/zum/ordner/ -ina -subdir=yes
dsmc query backup c:\pfad\zum\ordner\ -ina -subdir=yes

All versions of a particular file with detailed information is displayed as follows:

dsmc query backup /pfad/zum/ordner/datei -ina -detail
dsmc query backup c:\pfad\zum\ordner\datei -ina -detail

Browse a folder, including all subfolders, for specific files,

e.g. pdfs:

dsmc query backup /pfad/zum/ordner/.pdf -subdir=yes*
dsmc query backup c:\pfad\zum\ordner*.pdf -subdir=yes

Restore Data

dsmc restore

To restore a specific file from the backup to its original location, the command looks like this (in this case the most recently saved file version is restored):

dsmc restore /pfad/zum/ordner/datei
dsmc restore c:\pfad\zum\ordner\datei

To restore an older version of a particular version back to its original place, inactive versions must also be shown, with -pick a user interface is displayed for selecting the desired file:

dsmc restore /pfad/zum/ordner/datei -ina -pick
dsmc restore c:\pfad\zum\ordner\datei -ina -pick

Restore a specific version of a file to another folder:

dsmc restore /pfad/zum/ordner/datei /pfad/zum/restoreordner/datei -ina -pick
dsmc restore c:\pfad\zum\ordner\datei c:\pfad\zum\restoreordner \datei -ina -pick

It is also possible to restore all files of a certain type, such as pdfs:

dsmc restore /pfad/zum/ordner/*.pdf /pfad/zum/restoreordner/
dsmc restore c:\pfad\zum\ordner.pdf c:\pfad\zum\restoreordner*

Entire folders can also be restored recursively:

dsmc restore /pfad/zum/ordner/ -subdir=yes
dsmc restore c:\pfad\zum\ordner\ -subdir=yes

Recover a folder at a specified time (Point in Time):

dsmc restore -pitd=8/17/20013 -pitt=13:00:00 /pfad/zum/ordner/
dsmc restore -pitd=8/17/2003 -pitt=13:00:00 c:\pfad\zum\ordner

Recover data from another system:

$clientneu> *dsmc -virtualnode=clientkaputt*
Please enter your user id : clientkaputt
Please enter password for user id "clientkaputt":

After password entry, you can restore the data from clientkaputt on clientneu.
tsm> *restore /home/wichtigedatenvonclientkaputt/ -sub=yes /lokales_Verzeichnis_auf_clientneu/*

This restores the complete directory /home/wichtigedatenvonclientkaputt/ including subdirectories and most recent updates belonging to the node clientkaputt, to the local directory /lokales_Verzeichnis_auf_clientneu/ on clientneu.

Include-Exclude Query
dsmc query inclexcl

This command checks each file on the list from top to bottom with the corresponding rule applied to the first match found.

View all Filespaces
dsmc query filespace

Delete Filespace
dsmc delete filespace

A screen is displayed in which the no longer existent file space can be deleted.