

Veritas™ Desktop and Laptop Option 9.7
Redistribute DSL Data Utility

Veritas Desktop and Laptop Option

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Introduction

This document describes the procedure to run the **RedistributeDSLData.exe** utility on the Dedupe Server using the command prompt.

This tool is useful in the context where the administrator falls into a scenario where Dedupe Storage Location (DSL) is full and there is a need to reclaim the DSL space without impacting the user's backups and restores. Hence, this tool helps in moving the DSL data from the configured DSL storage to another storage location as defined by the administrator thus reclaiming the space.

Usage of RedistributeDSLData.exe

Follow the steps below to reclaim the Storage DSL space using the *RedistributeDSLData.exe*

1. Disable all the clients to ensure that the clients are not holding on to the chunk data.
2. From the DLO Administration Console, create another DSL in the same pool under **Configured Dedupe server > Manage Dedupe server > DSL**. This DSL serves as a Target DSL to which the DSL data needs to be moved thus freeing up the space is the source DSL.
3. Go to Vertias DLO install path and open **DDRedistribute.ini** file. Default Veritas DLO Install path - **C:\Program Files\Veritas\Veritas DLO**.
4. Edit the *DDRedistribute.ini* file placed in the install path with the following parameters:



```
[REDISTRIBUTE]
HTTP_SERVER=http://10.45.48.42:8080
HTTPS_SERVER=https://10.45.48.42:8443
SOURCE_DSL=HR1
TARGET_DSL=HR2
AUTO_DELETE=TRUE
MOVE_ALL=FALSE
# Give in MBs
SPACE_TO_RECLAIM=12240
MAINTENANCE_TIMEOUT=200
MIN_USER_DATASIZE=1024
```

HTTP_SERVER = Machine IP where DedupeServer is installed

HTTPS_SERVER = Machine IP where DedupeServer is installed

SOURCE_DSL= Source DSL name from where the chunk is to be copied

TARGET_DSL=Target DSL name where the chunk is to be moved

AUTO_DELETE = If set TRUE, it will delete the chunk from Source once copied to Target

MOVE_ALL = FALSE, moves the data as specified in the MIN_USER_DATASIZE

SPACE_TO_RECLAIM = Size should be equal to or more w.r.t. the chunk data (in MBs)

MAINTENANCE_TIMEOUT = Time (in minutes) for which the Dedupe server has to be in maintenance mode. Default value set to 200.

MIN_USER_DATASIZE = Threshold size for chunk data (in MBs)

NOTE: The Target DSL should be in the same dedupe storage pool (DSP)

5. Now run the *RedistributeDSLData.exe* from the cmd prompt at the install folder path. Using the earlier example, **cmd> C:\Program Files\Veritas\Veritas DLO> RedistributeDSLData.exe**
 6. After the completion of successful run, it will display the message of the size of data moved and the DSL space reclaimed. The same can be extracted as a CSV report (details of logs and report mentioned in below section).
 7. After the successful movement of the DSL data using the utility, a folder is created at the Target DSL in the format as below:
“MovedFrom#<previous DSLname>_<timestamp>#<encryptedusername>”
-

Note:

1. With the 7.6 and earlier versions of the *RedistributeDSLData.exe* utility, the name of the “Moved Folder” in the Target DSL gets appended each time it gets moved using the utility thus leading to a lengthy folder name (which sometimes exceed the Windows limit of 255 characters).
With this version of the *RedistributeDSLData.exe* utility, the name of the “Moved Folder” is restricted only to its previous source DSL folder name each time it is moved.
 2. The restore of the data present under the moved dedupe chunk will continue from new location (i.e. Target DSL). Any new backups after the DSL movement will continue to get backed up to original DSL configured for that user.
-

8. Once completed, enable all the clients.

Logs and Report

It generates a log file in the install folder with the name '**Redistribute.log**' and a CSV report file is generated for each run in the format **“RedistributeDSLDataReport_<time>_DDMMYYYY.csv”**

Note: If the utility stops working while copying the chunk files, then check the *Redistribute.log* and identity for which user the utility failed to run. Navigate to this user path and check if the source chunk files are present. Then, go to the destination path and delete that user folder that is created. Open the DLO Administration Console and if it is in maintenance mode, stop the Maintenance Window. Rerun the utility with the earlier mentioned steps again.
