A comprehensive dedupe report of your DDBoost backups - version 2.0

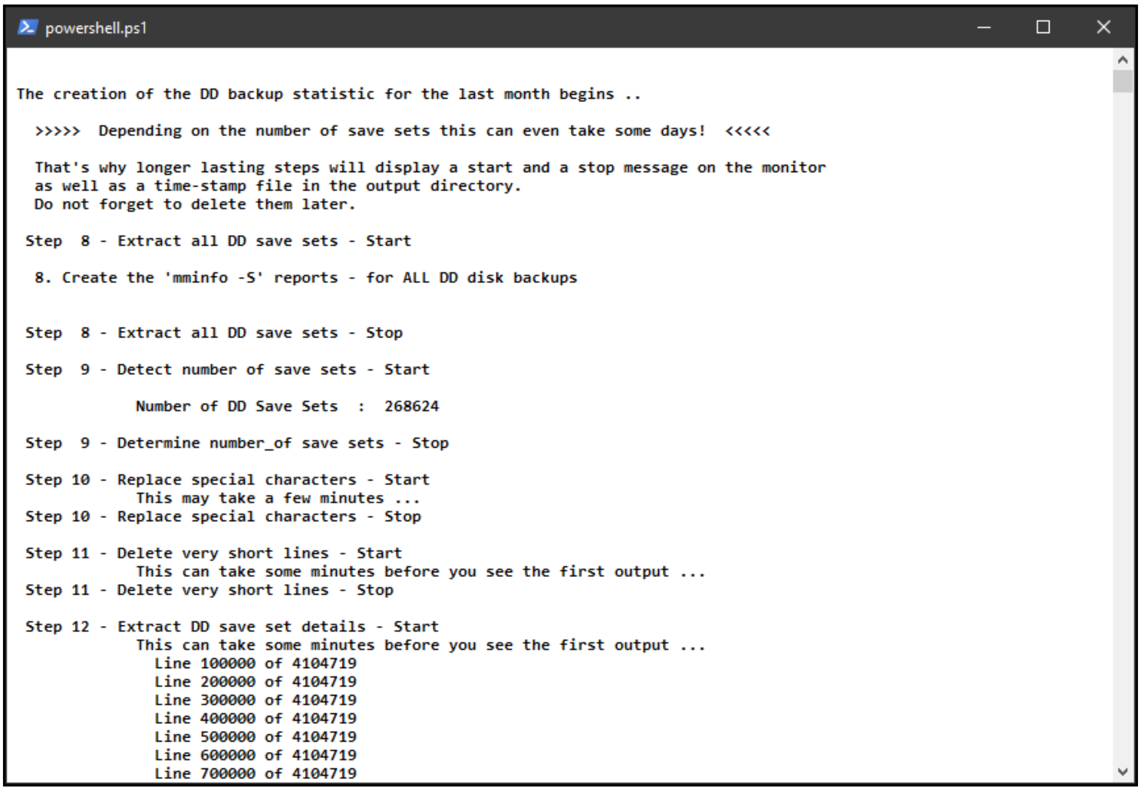
I do not want to repeat the information of my tip ***gener800.pdf*** . So if you want to read more information, please read this document, too.

The main difference of this new version 2.0 is the way how the `mminfo -S` report does collect the data for the defined period:

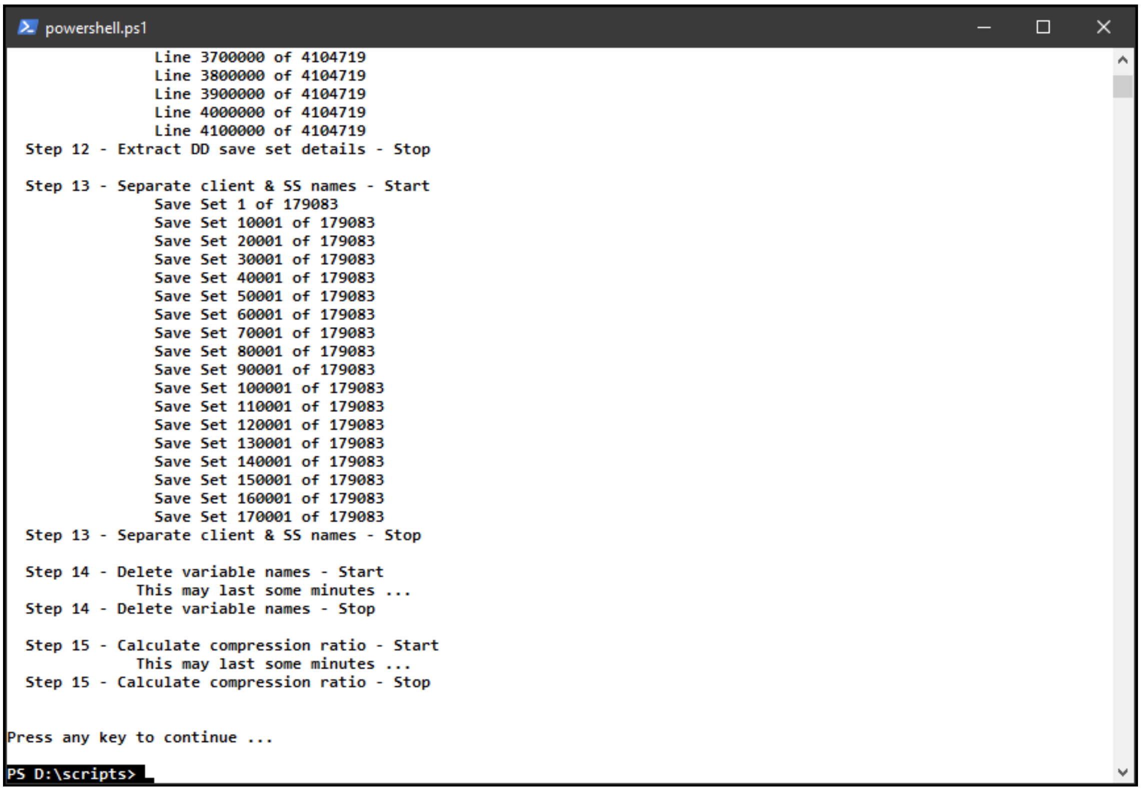
- In version 1.0 the data was collected for each single save set.
  For this purpose the appropriate `mminfo -S` had to be executed for each single save set. In a larger scenario this could easily take some hours or even days.
  The benefit was that you got a feeedback after each *n*th command.

- The new version only uses one single `mminfo -S` command to collect all the data for all save set of the defined period.
  The major difference is that this solution only needs a fraction of the time.
  Of course, as one cannot trace the execution of a single command, one must wait for the first feedback until the command has finished.

This is how the version 2.0 will interact with the administrator for the same media database I used for the first version:

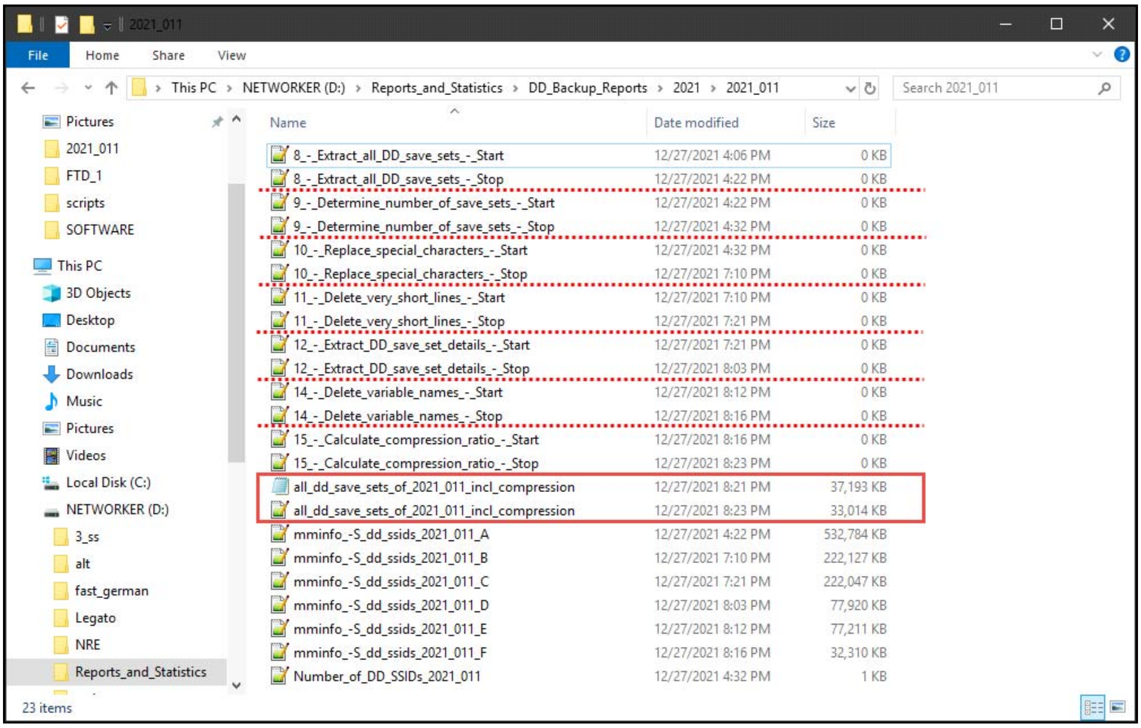


```
The creation of the DD backup statistic for the last month begins ..

  >>>>>  Depending on the number of save sets this can even take some days!  <<<<<

  That's why longer lasting steps will display a start and a stop message on the monitor
  as well as a time-stamp file in the output directory.
  Do not forget to delete them later.

 Step  8 - Extract all DD save sets - Start

  8. Create the 'mminfo -S' reports - for ALL DD disk backups


 Step  8 - Extract all DD save sets - Stop

 Step  9 - Detect number of save sets - Start

             Number of DD Save Sets  :  268624

 Step  9 - Determine number_of save sets - Stop

 Step 10 - Replace special characters - Start
             This may take a few minutes ...
 Step 10 - Replace special characters - Stop

 Step 11 - Delete very short lines - Start
             This can take some minutes before you see the first output ...
 Step 11 - Delete very short lines - Stop

 Step 12 - Extract DD save set details - Start
             This can take some minutes before you see the first output ...
               Line 100000 of 4104719
               Line 200000 of 4104719
               Line 300000 of 4104719
               Line 400000 of 4104719
               Line 500000 of 4104719
               Line 600000 of 4104719
               Line 700000 of 4104719
```



```
              Line 3700000 of 4104719
              Line 3800000 of 4104719
              Line 3900000 of 4104719
              Line 4000000 of 4104719
              Line 4100000 of 4104719
 Step 12 - Extract DD save set details - Stop

 Step 13 - Separate client & SS names - Start
              Save Set 1 of 179083
              Save Set 10001 of 179083
              Save Set 20001 of 179083
              Save Set 30001 of 179083
              Save Set 40001 of 179083
              Save Set 50001 of 179083
              Save Set 60001 of 179083
              Save Set 70001 of 179083
              Save Set 80001 of 179083
              Save Set 90001 of 179083
              Save Set 100001 of 179083
              Save Set 110001 of 179083
              Save Set 120001 of 179083
              Save Set 130001 of 179083
              Save Set 140001 of 179083
              Save Set 150001 of 179083
              Save Set 160001 of 179083
              Save Set 170001 of 179083
 Step 13 - Separate client & SS names - Stop

 Step 14 - Delete variable names - Start
            This may last some minutes ...
 Step 14 - Delete variable names - Stop

 Step 15 - Calculate compression ratio - Start
            This may last some minutes ...
 Step 15 - Calculate compression ratio - Stop


Press any key to continue ...

PS D:\scripts>
```

And this is the view of the resulting directory - without all the timestamp and intermediate files. As you can see, the overall duration this time took only 04:15 hours:



Name	Date modified	Size
8_-_Extract_all_DD_save_sets_-_Start	12/27/2021 4:06 PM	0 KB
8_-_Extract_all_DD_save_sets_-_Stop	12/27/2021 4:22 PM	0 KB
9_-_Determine_number_of_save_sets_-_Start	12/27/2021 4:22 PM	0 KB
9_-_Determine_number_of_save_sets_-_Stop	12/27/2021 4:32 PM	0 KB
10_-_Replace_special_characters_-_Start	12/27/2021 4:32 PM	0 KB
10_-_Replace_special_characters_-_Stop	12/27/2021 7:10 PM	0 KB
11_-_Delete_very_short_lines_-_Start	12/27/2021 7:10 PM	0 KB
11_-_Delete_very_short_lines_-_Stop	12/27/2021 7:21 PM	0 KB
12_-_Extract_DD_save_set_details_-_Start	12/27/2021 7:21 PM	0 KB
12_-_Extract_DD_save_set_details_-_Stop	12/27/2021 8:03 PM	0 KB
14_-_Delete_variable_names_-_Start	12/27/2021 8:12 PM	0 KB
14_-_Delete_variable_names_-_Stop	12/27/2021 8:16 PM	0 KB
15_-_Calculate_compression_ratio_-_Start	12/27/2021 8:16 PM	0 KB
15_-_Calculate_compression_ratio_-_Stop	12/27/2021 8:23 PM	0 KB
all_dd_save_sets_of_2021_011_incl_compression	12/27/2021 8:21 PM	37,193 KB
all_dd_save_sets_of_2021_011_incl_compression	12/27/2021 8:23 PM	33,014 KB
mminfo_-S_dd_ssids_2021_011_A	12/27/2021 4:22 PM	532,784 KB
mminfo_-S_dd_ssids_2021_011_B	12/27/2021 7:10 PM	222,127 KB
mminfo_-S_dd_ssids_2021_011_C	12/27/2021 7:21 PM	222,047 KB
mminfo_-S_dd_ssids_2021_011_D	12/27/2021 8:03 PM	77,920 KB
mminfo_-S_dd_ssids_2021_011_E	12/27/2021 8:12 PM	77,211 KB
mminfo_-S_dd_ssids_2021_011_F	12/27/2021 8:16 PM	32,310 KB
Number_of_DD_SSIDs_2021_011	12/27/2021 4:32 PM	1 KB

Are you interested? - If so, you may receive my script absolutely free. However, I would like to receive a feedback about the number of the interested people. Therefore I decided not to provide it as a downloadable file. But if you drop me an e-mail I will provide it a.s.a.p.

carsten_reinfeld@avus-cr.de