

Erzeugen einer De-Duplication 'Fake' Sicherung

Dies ist zum Beispiel im Rahmen einer Demonstration möglich - hierzu benötigen Sie weder einen NetWorker noch einen Avamar Server. Allerdings fehlen die notwendigen Details zum Befehl `nsrvtar` noch in den NetWorker *Manpages* - momentan steht Ihnen lediglich die rudimentäre Hilfe der Befehlszeile zur Verfügung:

```
C:\>nsrvtar -h
avtar Info <5551>: Command Line: nsrvtar -h
avtar FATAL <0000>: You must specify one of --create (-c), //
--extract (-x), --list (-t), --snapups, --validate, --showlog or --delete

C:\>
```

Hierbei fehlt aber die richtige Syntax für die Demonstration - der Befehl lautet wie folgt:

```
nsrvtar -c --degenerate filename
```

Beispiele für seine Anwendung finden Sie auf den folgenden Seiten.

```
C:\>nsravtar -c --degenerate D:\BEST
avtar Info <5551>: Command Line: nsravtar -c --degenerate D:\BEST
avtar Info <5946>: File system character encoding is 65001 (UTF-8).
avtar Info <5143>: Starting snap up at 2008-03-28 17:21:19 W. Europe Standard Time as "2003BLUE\Administrator" //
  on "2003blue" (1 CPU) [3.7.2-59]
avtar Info <5730>: Entering include/exclude rules.
avtar Info <5438>: Loaded 22 exclude patterns from Windows local machine registry
avtar Info <5550>: Successfully logged into Server
avtar Info <5151>: Scanning "D:\BEST"
avtar Info <5586>: Loading cache files from Z:\nsr\var
avtar Warning <6814>: BEWARE: All entries in Z:\nsr\var\f_cache.dat are being considered valid
avtar Warning <6814>: BEWARE: All entries in Z:\nsr\var\p_cache.dat are being considered valid
avtar Info <6426>: Done loading cache files
avtar Info <6172>: Building freeze volume list
avtar Warning <6661>: VSS exception code 0x8004231f thrown freezing volumes - 'code 0x8004231f: No error //
  description string'
avtar Info <6077>: Freeze volumes attempting failover...
avtar Error <5325>: No Open File Agent installed. Some files may not be backed up.
avtar Info <5578>: Open File Agent interface shutting down.
avtar Info <5163>: Snapup complete, wrapping-up session with Server
avtar Info <6021>: Copying "Z:\nsr\var\avtar-20080328_172119.log" to server as "sessionlog", waiting 30 seconds
avtar Info <5156>: Snapup #0 timestamp 2008-03-28 17:21:24, 1 files, 95.37 MB (1 files, 86.44 MB, 90.64% new)
avtar Info <5540>: No label, no scheduled expiration
avtar Info <6083>: Backed-up 95.37 MB in 0.09 minutes: 66 GB/hour (705 files/hour)
avtar Info <5587>: Updating cache files in Z:\nsr\var
avtar Info <5157>: Finished at 2008-03-28 17:21:24 W. Europe Standard Time, Elapsed time: 0000h:00m:05s
avtar Info <6149>: Error summary: 1 error: 5325
avtar Info <6608>: Not sending wrapup anywhere.
avtar Info <5314>: Command completed (1 error, 3 warnings, exit code 10020: Completed with errors, client log //
  should beexamined)

C:\>
```

```

Z:\nsr\bin>nsravtar -c --degenerate --stats D:\TEST
avtar Info <5551>: Command Line: nsravtar -c --degenerate --statistics D:\TEST
avtar Info <5946>: File system character encoding is 65001 (UTF-8).
avtar Info <5143>: Starting snap up at 2008-02-26 19:14:53 W. Europe Standard Time as "2003BLUE\Administrator" //
  on "2003blue" (1 CPU) [3.7.2-59]
avtar Info <5730>: Entering include/exclude rules.
avtar Info <5438>: Loaded 22 exclude patterns from Windows local machine registry
avtar Info <5550>: Successfully logged into Server
avtar Info <5151>: Scanning "D:\TEST"
avtar Info <5586>: Loading cache files from Z:\nsr\var
avtar Warning <6814>: BEWARE: All entries in Z:\nsr\var\f_cache.dat are being considered valid
avtar Warning <6814>: BEWARE: All entries in Z:\nsr\var\p_cache.dat are being considered valid
avtar Info <6426>: Done loading cache files
avtar Info <6172>: Building freeze volume list
avtar Warning <6661>: VSS exception code 0x8004231f thrown freezing volumes - 'code 0x8004231f: No error //
  description string'
avtar Info <6077>: Freeze volumes attempting failover...
avtar Error <5325>: No Open File Agent installed. Some files may not be backed up.
avtar Info <5578>: Open File Agent interface shutting down.
avtar Info <5163>: Snapup complete, wrapping-up session with Server
avtar Info <6021>: Copying "Z:\nsr\var\avtar-20080226_191453.log" to server as "sessionlog", waiting 30 seconds
avtar Info <5156>: Snapup #0 timestamp 2008-02-26 19:14:58, 7 files, 9.592 MB (0 files, 0 bytes, 0.00% new)
avtar Info <5540>: No label, no scheduled expiration
avtar Info <6083>: Backed-up 9.592 MB in 0.07 minutes: 7.5 GB/hour (5,619 files/hour)
avtar Stats <6137>: filebytes noreason          0 count          0 avg          0
avtar Stats <6137>: filebytes excluded          0 count          0 avg          0
avtar Stats <6137>: filebytes skipped           0 count          0 avg          0
avtar Stats <6137>: filebytes hardlink          0 count          0 avg          0
avtar Stats <6137>: filebytes filecache      10,057,969 count      7 avg      1,436,853
avtar Stats <6137>: filebytes reduced          0 count          0 avg          0
avtar Stats <6137>: filebytes hashcache        0 count          0 avg          0
avtar Stats <6137>: filebytes ispresent        0 count          0 avg          0
avtar Stats <6137>: filebytes sent            0 count          0 avg          0
avtar Stats <6138>: dirbytes hashcache          0 count          0 avg          0
avtar Stats <6138>: dirbytes ispresent          0 count          0 avg          0
avtar Stats <6138>: dirbytes sent              5,217 count       3 avg          1,739
avtar Stats <6139>: compbytes hashcache         0 count          0 avg          0
.....

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avtar Stats <6139>: compbytes ispresent          0 count          0 avg          0
avtar Stats <6139>: compbytes sent              0 count          0 avg          0
avtar Stats <6140>: file primary total          10,057,969 count          7
avtar Stats <6141>: file total                  10,057,969
avtar Stats <6132>: Scanned file statistics:
avtar Stats <6133>:   files    0% new          0 count          0 sent          0
avtar Stats <6133>:   files > 0% new          0 count          0 sent          0
avtar Stats <6133>:   files > 10% new         0 count          0 sent          0
avtar Stats <6133>:   files > 20% new         0 count          0 sent          0
avtar Stats <6133>:   files > 30% new         0 count          0 sent          0
avtar Stats <6133>:   files > 40% new         0 count          0 sent          0
avtar Stats <6133>:   files > 50% new         0 count          0 sent          0
avtar Stats <6133>:   files > 60% new         0 count          0 sent          0
avtar Stats <6133>:   files > 70% new         0 count          0 sent          0
avtar Stats <6133>:   files > 80% new         0 count          0 sent          0
avtar Stats <6133>:   files > 90% new         0 count          0 sent          0
avtar Stats <6133>:   files 100% new          0 count          0 sent          0
avtar Stats <6134>: File totals                0                0                0
avtar Stats <6135>: Chunker statistics:
avtar Stats <6136>:   atoms <=    8:          0    0.00%
avtar Stats <6136>:   atoms <=   16:          0    0.00%
avtar Stats <6136>:   atoms <=   32:          0    0.00%
avtar Stats <6136>:   atoms <=   64:          0    0.00%
avtar Stats <6136>:   atoms <=  128:          0    0.00%
avtar Stats <6136>:   atoms <=  256:          0    0.00%
avtar Stats <6136>:   atoms <=  512:          0    0.00%
avtar Stats <6136>:   atoms <= 1024:          0    0.00%
avtar Stats <6136>:   atoms <= 2048:          0    0.00%
avtar Stats <6136>:   atoms <= 4096:          0    0.00%
avtar Stats <6136>:   atoms <= 8192:          0    0.00%
avtar Stats <6136>:   atoms <= 16384:         0    0.00%
avtar Stats <6136>:   atoms <= 32768:         0    0.00%
avtar Stats <6136>:   atoms <= 65536:         0    0.00%
.....

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.....
avtar Info <5587>: Updating cache files in Z:\nsr\var
avtar Stats <6151>: File cache: 65,536 entries, added/updated 0, booted 0
avtar Stats <6152>: Hash cache: 65,536 entries, added/updated 12, booted 0
avtar Stats <6145>: Memory usage (MB): (8.500 [7.000..10.000] sd=1.500 n= 2), Avg CPU = 6.8%
avtar Info <5157>: Finished at 2008-02-26 19:14:58 W. Europe Standard Time, Elapsed time: 0000h:00m:04s
avtar Stats <6144>: total time = 4.8 seconds
avtar Stats <6146>: total bytes/second = 2,076,377
avtar Stats <6147>: atomic bytes/second = 0
avtar Info <6149>: Error summary: 1 error: 5325
avtar Info <6608>: Not sending wrapup anywhere.
avtar Info <5314>: Command completed (1 error, 3 warnings, exit code 10020: Completed with errors, client //
log should be examined)
avtar Stats <6405>: Synchronous hashing processed 24,240 bytes
avtar Stats <6153>: Hashing thread 0 processed 31,511 bytes

Z:\nsr\bin>
```