

Probleme beim Sichern von NDMP Clients wegen fehlender Lizenzen ?

Bei meinen letzten Tests an einem NDMP Client bin ich auf folgendes Problem gestoßen:

```
.....
* netapp:/vol/vol0/cr_unix nsrndmp_save: Performing backup to Non-NDMP //
  type of device
* netapp:/vol/vol0/cr_unix nsrndmp_save: DSA save time could not be //
  retrieved, exiting..
* netapp:/vol/vol0/cr_unix nsrdsa_save: RAP error: Unable to grant NDMP//
  license to client netapp: Too many NDMP clients.
  Maximum is 0
* netapp:/vol/vol0/cr_unix nsrdsa_save: Cannot open nsrdsa_save session//
  with ultra60
* netapp:/vol/vol0/cr_unix
.....
```

Weitere Details finden Sie auf den nächsten Seiten.



Das Problem war allerdings nicht eine fehlende Lizenz - wie sich später herausstellte, war das Kennwort am Filer nicht richtig gesetzt. Sobald ich dies geändert hatte, war auch die Sicherung problemlos möglich.

So zeigte sich der vollständige Fehler ...

```
bash-2.03# savegrp -v -G Filer
netapp:/vol/vol0/cr_unix          level=incr
01/20/05 00:05:48 savegrp: Run up to 4 clients in parallel
01/20/05 00:05:48 savegrp: netapp:probe          started
savefs -s ultra60 -c netapp -g Filer -p -l full -R -m -v -F /vol/vol0/cr_unix
01/20/05 00:05:52 savegrp: netapp:probe succeeded.
rcmd localhost, user root: `savefs -s ultra60 -c netapp -g Filer -p -l full -R -m -v -F /vol/vol0/cr_unix'
nsrexec: authtype
type: NSR client description;
pools supported: Yes;
browse time supported: Yes;
multiple balanced streams supported: Yes;
remote user: root;
groups: other, root, bin, sys, adm, uucp, mail, tty, lp, nuucp, daemon;
arch: sparc;
client OS type: Solaris;
CPU type: sun4u;
CPUs: 1;
kernel arch: sun4u;
machine type: workstation;
MB used: 1380;
NetWorker version: 7.2.Build.172;
OS: SunOS 5.8;
version: 7.2.Build.172;
save set: path=/vol/vol0/cr_unix, arg=/vol/vol0/cr_unix, level=full, diskno=0, max_sessions=1, stype=save ;
parallelism: 8
netapp:/vol/vol0/cr_unix          level=full, dn=0, mx=1, vers=ssbrowse, p=4
01/20/05 00:05:52 savegrp: netapp:/vol/vol0/cr_unix          started
nsrndmp_save -M -T dump -s ultra60 -c netapp -g Filer -l full -LL -W 78 -N /vol/vol0/cr_unix /vol/vol0/cr_unix
01/20/05 00:05:53 savegrp: command 'nsrndmp_save -M -T dump -s ultra60 -c netapp -g Filer -l full -LL -W 78 -N /vol/vol0/cr_unix /vol/vol0/cr_unix ' for client netapp exited with return code 1.
01/20/05 00:05:53 savegrp: netapp:/vol/vol0/cr_unix succeeded.
  netapp:/vol/vol0/cr_unix: No full backups of this save set were found in the media database; performing a full backup
* netapp:/vol/vol0/cr_unix rcmd localhost, user root: `nsrndmp_save -M -T dump -s ultra60 -c netapp -g Filer -l full -LL -W 78 -N /vol/vol0/cr_unix /vol/vol0/cr_unix'
* netapp:/vol/vol0/cr_unix nsrndmp_save: Performing backup to Non-NDMP type of device
* netapp:/vol/vol0/cr_unix nsrndmp_save: DSA save time could not be retrieved, exiting..
* netapp:/vol/vol0/cr_unix nsrdsa_save: RAP error: Unable to grant NDMP license to client netapp: Too many NDMP clients.
  Maximum is 0
* netapp:/vol/vol0/cr_unix nsrdsa_save: Cannot open nsrdsa_save session with ultra60
* netapp:/vol/vol0/cr_unix
01/20/05 00:05:53 savegrp: netapp:/vol/vol0/cr_unix will retry 1 more time(s)
01/20/05 00:05:53 savegrp: netapp:/vol/vol0/cr_unix          started
.....
```

```

.....
nsrndmp_save -M -T dump -s ultra60 -c netapp -g Filer -l full -LL -W 78 -N /vol/vol0/cr_unix /vol/vol0/cr_unix
01/20/05 00:05:54 savegrp: command 'nsrndmp_save -M -T dump -s ultra60 -c netapp -g Filer -l full -LL -W 78 -N /vol/vol0
/cr_unix /vol/vol0/cr_unix ' for client netapp exited with return code 1.
01/20/05 00:05:54 savegrp: netapp:/vol/vol0/cr_unix succeeded.
* netapp:/vol/vol0/cr_unix 1 retry attempted
  netapp:/vol/vol0/cr_unix: No full backups of this save set were found in the media database; performing a full backup
* netapp:/vol/vol0/cr_unix rcmd localhost, user root: `nsrndmp_save -M -T dump -s ultra60 -c netapp -g Filer -l full -LL
-W 78 -N /vol/vol0/cr_unix /vol/vol0/cr_unix'
* netapp:/vol/vol0/cr_unix nsrndmp_save: Performing backup to Non-NDMP type of device
* netapp:/vol/vol0/cr_unix nsrndmp_save: DSA save time could not be retrieved, exiting..
* netapp:/vol/vol0/cr_unix nsrdsa_save: RAP error: Unable to grant NDMP license to client netapp: Too many NDMP clients.
Maximum is 0
* netapp:/vol/vol0/cr_unix nsrdsa_save: Cannot open nsrdsa_save session with ultra60
* netapp:/vol/vol0/cr_unix
01/20/05 00:05:54 savegrp: netapp:/vol/vol0/cr_unix will retry 0 more time(s)
01/20/05 00:05:54 savegrp: netapp:index started
save -s ultra60 -S -g Filer -LL -f - -m ultra60 -V -t 1106174481 -l 9 -LL -W 78 -N index:93ae10d4-00000004-41eee079-41ee
e078-00010000-c3d64bc9 /export/home/nsr/index/netapp
01/20/05 00:05:55 savegrp: netapp:index succeeded.
* netapp:index rcmd localhost, user root: `save -s ultra60 -S -g Filer -LL -f - -m ultra60 -V -t 1106174481 -l 9 -LL -W
78 -N index:93ae10d4-00000004-41eee079-41eee078-00010000-c3d64bc9 /export/home/nsr/index/netapp'
* netapp:index save: Saving files modified since Wed Jan 19 23:41:21 2005.
* netapp:index
  ultra60: index:netapp level=9, 0 KB 00:00:00 0 files
01/20/05 00:05:55 savegrp: ultra60:bootstrap started
save -s ultra60 -S -g Filer -LL -f - -m ultra60 -V -l 0 -LL -W 78 -N bootstrap /nsr /nsr/res /nsr/mm
01/20/05 00:05:56 savegrp: ultra60:bootstrap succeeded.
* ultra60:bootstrap rcmd localhost, user root: `save -s ultra60 -S -g Filer -LL -f - -m ultra60 -V -l 0 -LL -W 78 -N boo
tstrap /nsr /nsr/res /nsr/mm'
* ultra60:bootstrap /nsr
* ultra60:bootstrap /export/home/nsr/res/nsrla.res
* ultra60:bootstrap /export/home/nsr/res/servers
* ultra60:bootstrap /export/home/nsr/res/nsrwizclnt.res
* ultra60:bootstrap /export/home/nsr/res/nsrwizcon.res
* ultra60:bootstrap /export/home/nsr/res/nsrddb/00/000a03730000000000000000041ea8ca5c3d64bc9
* ultra60:bootstrap /export/home/nsr/res/nsrddb/00/001403730000000000000000041ea8ca5c3d64bc9
* ultra60:bootstrap /export/home/nsr/res/nsrddb/00/001e03730000000000000000041ea8ca5c3d64bc9
* ultra60:bootstrap /export/home/nsr/res/nsrddb/00/002803730000000000000000041ea8ca5c3d64bc9
* ultra60:bootstrap /export/home/nsr/res/nsrddb/00/003203730000000000000000041ea8ca5c3d64bc9
* ultra60:bootstrap /export/home/nsr/res/nsrddb/00/003c03730000000000000000041ea8ca5c3d64bc9
* ultra60:bootstrap /export/home/nsr/res/nsrddb/00/004603730000000000000000041ea8ca5c3d64bc9
* ultra60:bootstrap /export/home/nsr/res/nsrddb/00/005003730000000000000000041ea8ca5c3d64bc9
* ultra60:bootstrap /export/home/nsr/res/nsrddb/00/005a03730000000000000000041ea8ca5c3d64bc9
.....

```

Und dies war der erfolgreiche Lauf, nachdem ich das Kennwort am Filer geändert hatte ...

```
bash-2.03# savegrp -v -G Filer
netapp:/vol/vol0/cr_unix/1_FILE          level=incr
01/20/05 00:26:50 savegrp: Run up to 4 clients in parallel
01/20/05 00:26:50 savegrp: netapp:probe          started
savefs -s ultra60 -c netapp -g Filer -p -l full -R -m -v -F /vol/vol0/cr_unix/1_FILE
01/20/05 00:26:53 savegrp: netapp:probe succeeded.
rcmd localhost, user root: `savefs -s ultra60 -c netapp -g Filer -p -l full -R -m -v -F /vol/vol0/cr_unix/1_FILE'
nsrexec: authtype
type: NSR client description;
pools supported: Yes;
browse time supported: Yes;
multiple balanced streams supported: Yes;
remote user: root;
groups: other, root, bin, sys, adm, uucp, mail, tty, lp, nuucp, daemon;
arch: sparc;
client OS type: Solaris;
CPU type: sun4u;
CPUs: 1;
kernel arch: sun4u;
machine type: workstation;
MB used: 1579;
NetWorker version: 7.2.Build.172;
OS: SunOS 5.8;
version: 7.2.Build.172;
save set: path=/vol/vol0/cr_unix/1_FILE, arg=/vol/vol0/cr_unix/1_FILE, level=full, diskno=0, max_sessions=1, stype=save
;
parallelism: 8
netapp:/vol/vol0/cr_unix/1_FILE          level=full, dn=0, mx=1, vers=ssbrowse, p=4
01/20/05 00:26:53 savegrp: netapp:/vol/vol0/cr_unix/1_FILE          started
nsrndmp_save -M -T dump -s ultra60 -c netapp -g Filer -l full -LL -W 78 -N /vol/vol0/cr_unix/1_FILE /vol/vol0/cr_unix/1_
FILE
01/20/05 00:27:13 savegrp: netapp:/vol/vol0/cr_unix/1_FILE succeeded.
netapp:/vol/vol0/cr_unix/1_FILE: No full backups of this save set were found in the media database; performing a full
backup
* netapp:/vol/vol0/cr_unix/1_FILE rcmd localhost, user root: `nsrndmp_save -M -T dump -s ultra60 -c netapp -g Filer -l f
ull -LL -W 78 -N /vol/vol0/cr_unix/1_FILE /vol/vol0/cr_unix/1_FILE'
.....
```

```

.....
* netapp:/vol/vol0/cr_unix/1_FILE nsrndmp_save: Performing backup to Non-NDMP type of device
* netapp:/vol/vol0/cr_unix/1_FILE nsrdsa_save: DSA savetime = 1106177214
* netapp:/vol/vol0/cr_unix/1_FILE nsrdsa_save: READY : (host, port) = (ultra60, 8476)
* netapp:/vol/vol0/cr_unix/1_FILE
* netapp:/vol/vol0/cr_unix/1_FILE nsrndmp_save: netapp:/vol/vol0/cr_unix/1_FILE NDMP save running on 'ultra60'
* netapp:/vol/vol0/cr_unix/1_FILE nsrndmp_2fh: Reading file /nsr/tmp/FileIndex4075744447/fhfile
* netapp:/vol/vol0/cr_unix/1_FILE nsrndmp_save: NDMP Service Log: DUMP: creating "/vol/vol0/./snapshot_for_backup.2" snapshot.
* netapp:/vol/vol0/cr_unix/1_FILE
* netapp:/vol/vol0/cr_unix/1_FILE nsrdsa_save: Performing Immediate save
* netapp:/vol/vol0/cr_unix/1_FILE
* netapp:/vol/vol0/cr_unix/1_FILE nsrndmp_save: NDMP Service Log: DUMP: Using subtree dump
* netapp:/vol/vol0/cr_unix/1_FILE
* netapp:/vol/vol0/cr_unix/1_FILE nsrndmp_save: NDMP Service Log: DUMP: Date of this level 0 dump: Wed Jan 19 23:19:55 2005.
* netapp:/vol/vol0/cr_unix/1_FILE
* netapp:/vol/vol0/cr_unix/1_FILE nsrndmp_save: NDMP Service Log: DUMP: Date of last level 0 dump: the epoch.
* netapp:/vol/vol0/cr_unix/1_FILE
* netapp:/vol/vol0/cr_unix/1_FILE nsrndmp_save: NDMP Service Log: DUMP: Dumping /vol/vol0/cr_unix/1_FILE to NDMP connection
* netapp:/vol/vol0/cr_unix/1_FILE
* netapp:/vol/vol0/cr_unix/1_FILE nsrndmp_save: NDMP Service Log: DUMP: mapping (Pass I)[regular files]
* netapp:/vol/vol0/cr_unix/1_FILE
* netapp:/vol/vol0/cr_unix/1_FILE nsrndmp_save: NDMP Service Log: DUMP: mapping (Pass II)[directories]
* netapp:/vol/vol0/cr_unix/1_FILE
* netapp:/vol/vol0/cr_unix/1_FILE nsrndmp_save: NDMP Service Log: DUMP: estimated 97853 KB.
* netapp:/vol/vol0/cr_unix/1_FILE
* netapp:/vol/vol0/cr_unix/1_FILE nsrndmp_save: NDMP Service Log: DUMP: dumping (Pass III) [directories]
* netapp:/vol/vol0/cr_unix/1_FILE
* netapp:/vol/vol0/cr_unix/1_FILE nsrndmp_save: NDMP Service Log: DUMP: dumping (Pass IV) [regular files]
* netapp:/vol/vol0/cr_unix/1_FILE
* netapp:/vol/vol0/cr_unix/1_FILE nsrndmp_save: NDMP Service Log: DUMP: dumping (Pass V) [ACLs]
* netapp:/vol/vol0/cr_unix/1_FILE
* netapp:/vol/vol0/cr_unix/1_FILE nsrndmp_save: NDMP Service Log: DUMP: 98057 KB
* netapp:/vol/vol0/cr_unix/1_FILE
* netapp:/vol/vol0/cr_unix/1_FILE nsrndmp_save: NDMP Service Log: DUMP: DUMP IS DONE
* netapp:/vol/vol0/cr_unix/1_FILE
* netapp:/vol/vol0/cr_unix/1_FILE nsrndmp_save: NDMP Service Log: DUMP: Deleting "/vol/vol0/./snapshot_for_backup.2" snapshot.
.....

```

```

.....
* netapp:/vol/vol0/cr_unix/1_FILE
* netapp:/vol/vol0/cr_unix/1_FILE nsrdsa_save: Successfully Done.
* netapp:/vol/vol0/cr_unix/1_FILE
  netapp: /vol/vol0/cr_unix/1_FILE level=full, 98 MB 00:00:18      2 files
* netapp:/vol/vol0/cr_unix/1_FILE completed savetime=1106177214
* netapp:/vol/vol0/cr_unix/1_FILE nsrndmp_save: Save session closed with NW server successfully
* netapp:/vol/vol0/cr_unix/1_FILE
* netapp:/vol/vol0/cr_unix/1_FILE nsrndmp_save: Sorting File History....
* netapp:/vol/vol0/cr_unix/1_FILE nsrndmp_save: Sorting File History completed Successfully in 00:00:00 Hours
* netapp:/vol/vol0/cr_unix/1_FILE
* netapp:/vol/vol0/cr_unix/1_FILE nsrndmp_save: Processing NDMP File History...
* netapp:/vol/vol0/cr_unix/1_FILE nsrndmp_save: netapp:/vol/vol0/cr_unix/1_FILE Processing NDMP File History completed S
uccessfully on 'ultra60' in 00:00:01 Hours
* netapp:/vol/vol0/cr_unix/1_FILE
* netapp:/vol/vol0/cr_unix/1_FILE nsrndmp_save: Successfully done
01/20/05 00:27:13 savegrp: netapp:index                          started
save -s ultra60 -S -g Filer -LL -f - -m ultra60 -V -t 1106177056 -l 9 -LL -W 78 -N index:93ae10d4-00000004-41eee079-41ee
e078-00010000-c3d64bc9 /export/home/nsr/index/netapp
01/20/05 00:27:13 savegrp: netapp:index succeeded.
* netapp:index rcmd localhost, user root: `save -s ultra60 -S -g Filer -LL -f - -m ultra60 -V -t 1106177056 -l 9 -LL -W
78 -N index:93ae10d4-00000004-41eee079-41eee078-00010000-c3d64bc9 /export/home/nsr/index/netapp'
* netapp:index save: Saving files modified since Thu Jan 20 00:24:16 2005.
* netapp:index /export/home/nsr/index/netapp/db6/41eeecbe.rec
* netapp:index /export/home/nsr/index/netapp/db6/
* netapp:index /export/home/nsr/index/netapp/
* netapp:index
  ultra60: index:netapp          level=9,          2 KB 00:00:00      3 files
01/20/05 00:27:13 savegrp: ultra60:bootstrap                    started
save -s ultra60 -S -g Filer -LL -f - -m ultra60 -V -l 0 -LL -W 78 -N bootstrap /nsr /nsr/res /nsr/mm
01/20/05 00:27:14 savegrp: ultra60:bootstrap succeeded.
* ultra60:bootstrap rcmd localhost, user root: `save -s ultra60 -S -g Filer -LL -f - -m ultra60 -V -l 0 -LL -W 78 -N boo
tstrap /nsr /nsr/res /nsr/mm'
* ultra60:bootstrap /nsr
* ultra60:bootstrap /export/home/nsr/res/nsrla.res
* ultra60:bootstrap /export/home/nsr/res/servers
* ultra60:bootstrap /export/home/nsr/res/nsrwizclnt.res
* ultra60:bootstrap /export/home/nsr/res/nsrwizcon.res
.....

```

