

Now you can use scanner also along with time ranges

Up to NetWorker 19.6.x these were the scanner options:

```

Administrator: Command Prompt
C:\>
C:\>
C:\>nsradmin
NetWorker administration program.
Use the "help" command for help, "visual" for full-screen mode.
nsradmin>
nsradmin> . type: nsr
Current query set
nsradmin>
nsradmin> show version
nsradmin>
nsradmin> p
version: NetWorker 19.6.1.0.Build.73 Eval;
nsradmin>
nsradmin> q
C:\>
C:\>
C:\>
C:\>
C:\>scanner -?
usage: scanner [<options>] -B device
or scanner [<options>] -B { -S ssid | -I ssid_file } [-im] device
or scanner [<options>] -i [-S ssid] [-I ssid_file] [-c client] [-N name] [-y retention time] device
or scanner [<options>] -m [-S ssid] [-I ssid_file] [-y retention time] device
or scanner [<options>] [-S ssid] [-I ssid_file] [-c client] [-N name] device <command>

<options>: [-b pool] [-npqvk] [-f file] [-r record] [-s server] [-t type] [-V volname] [-Z datazone-id]
<command>: -x command [arg ...]
C:\>

```

With NetWorker 19.7.0 the command options have been extended as follows:

```

Administrator: Command Prompt
C:\>
C:\>
C:\>nsradmin
NetWorker administration program.
Use the "help" command for help, "visual" for full-screen mode.
nsradmin>
nsradmin> . type: nsr
Current query set
nsradmin>
nsradmin> show version
nsradmin>
nsradmin> p
version: NetWorker 19.7.0.0.Build.35 Eval;
nsradmin>
nsradmin> q
C:\>
C:\>
C:\>
C:\>
C:\>scanner -?
usage: scanner [<options>] -B device
or scanner [<options>] -B { -S ssid | -I ssid_file } [-im] [-e retention range] [-Y start time | -T end time] device
or scanner [<options>] -i [-S ssid] [-I ssid_file] [-c client] [-N name] [-y retention time] [-e retention range] [-Y start time | -T end time] device
or scanner [<options>] -m [-S ssid] [-I ssid_file] [-y retention time] [-e retention range] [-Y start time | -T end time] device
or scanner [<options>] [-S ssid] [-I ssid_file] [-c client] [-N name] [-e retention range] [-Y start time | -T end time] device <command>

<options>: [-b pool] [-npqvk] [-f file] [-r record] [-s server] [-t type] [-V volname] [-Z datazone-id]
<command>: -x command [arg ...]
C:\>

```

For the new options you will find this information in the *Command Line Reference*:

- e retention range

Specifies the date range to check the expiry of savesets in the media database, the range should be in nsr_getdate(3) format. This would generate list of scanned-in savesets that will expire within that time frame.

-T end time

Restricts the time window for saveset scanning to include the changes made no later than end time. When not specified, changes made up to current time are included.

-Y start time

Restricts the scanned saveset information pertaining to the savesets created on or after start time. When not specified, changes from the very beginning are included.

I have added some tiny examples for better understanding.

With the option **-e range** you will also receive a list of save sets which will expire in this range:

```

Administrator: Command Prompt
C:\>
C:\>
C:\>
C:\>nmfinfo -q "pool=CLONE,savetime>01/01/2022" -r "client,name,clretent" -ot
client      name      clretent
19-client-1 D:\TEST      15.08.2022
19-client-1 D:\TEST      15.08.2022

C:\>
C:\>
C:\>
C:\>scanner -m -n -e "30days" Z:\CLONE_001
8909:scanner: using 'Z:\CLONE_001' as the device name
8936:scanner: scanning file disk CLONE_001 on Z:\CLONE_001
8939:scanner: file disk CLONE_001 already exists in the media index
202631:scanner: ssid 13708000: already exists in the media index
29485:scanner: ssid 13708000: scan complete
8786:scanner: ssid 13708000: 48 MB, 8 file(s)
202631:scanner: ssid 13700995: already exists in the media index
29485:scanner: ssid 13700995: scan complete
8786:scanner: ssid 13700995: 48 MB, 8 file(s)
8761:scanner: done with file disk CLONE_001

C:\>
C:\>
C:\>
C:\>scanner -m -n -e "60days" Z:\CLONE_001
8909:scanner: using 'Z:\CLONE_001' as the device name
8936:scanner: scanning file disk CLONE_001 on Z:\CLONE_001
8939:scanner: file disk CLONE_001 already exists in the media index
202631:scanner: ssid 13708000: already exists in the media index
29485:scanner: ssid 13708000: scan complete
8786:scanner: ssid 13708000: 48 MB, 8 file(s)
202631:scanner: ssid 13700995: already exists in the media index
29485:scanner: ssid 13700995: scan complete
8786:scanner: ssid 13700995: 48 MB, 8 file(s)
8761:scanner: done with file disk CLONE_001

203390:scanner: List of savesets that are going to expire in 60days on Tue Sep 13 12:31:03 2022
203130:scanner: ssid/cloneid is 13700995/1657868163
203130:scanner: ssid/cloneid is 13708000/1657875168

C:\>

```

Options **-Y** & **-T** will ensure that only backups within this range will be scanned:

```

Administrator: Command Prompt
C:\>
C:\> \smminfo -q "pool=CLONE,savetime>01/01/2022" -r "client,name,savetime(25),clretent" -ot
client name date time clretent
19-client-1 D:\TEST 15.07.2022 08:56:01 15.08.2022
19-client-1 D:\TEST 15.07.2022 10:52:46 15.08.2022
C:\>
C:\>
C:\> \sscanner -m -n -Y "07/01/2022" -T "07/15/2022 10:00:00" Z:\CLONE_001
8909:scanner: using 'Z:\CLONE_001' as the device name
8936:scanner: scanning file disk CLONE_001 on Z:\CLONE_001
8939:scanner: file disk CLONE_001 already exists in the media index
202631:scanner: ssid 13700995: already exists in the media index
29485:scanner: ssid 13700995: scan complete
8786:scanner: ssid 13700995: 48 MB, 8 file(s)
8761:scanner: done with file disk CLONE_001
C:\>
C:\>
C:\> \sscanner -m -n -Y "07/01/2022" -T "07/15/2022 12:00:00" Z:\CLONE_001
8909:scanner: using 'Z:\CLONE_001' as the device name
8936:scanner: scanning file disk CLONE_001 on Z:\CLONE_001
8939:scanner: file disk CLONE_001 already exists in the media index
202631:scanner: ssid 13708000: already exists in the media index
29485:scanner: ssid 13708000: scan complete
8786:scanner: ssid 13708000: 48 MB, 8 file(s)
202631:scanner: ssid 13700995: already exists in the media index
29485:scanner: ssid 13700995: scan complete
8786:scanner: ssid 13700995: 48 MB, 8 file(s)
8761:scanner: done with file disk CLONE_001
C:\>
C:\>
C:\> \sscanner -m -n -Y "07/01/2022" -T "-2hours" Z:\CLONE_001
8909:scanner: using 'Z:\CLONE_001' as the device name
8936:scanner: scanning file disk CLONE_001 on Z:\CLONE_001
8939:scanner: file disk CLONE_001 already exists in the media index
202631:scanner: ssid 13700995: already exists in the media index
29485:scanner: ssid 13700995: scan complete
8786:scanner: ssid 13700995: 48 MB, 8 file(s)
8761:scanner: done with file disk CLONE_001
C:\>
C:\>

```

And of course you may even combine all these options:

```

Administrator: Command Prompt
C:\>
C:\> \smminfo -q "pool=CLONE,savetime>01/01/2022" -r "client,name,savetime(25),clretent" -ot
client name date time clretent
19-client-1 D:\TEST 15.07.2022 08:56:01 15.08.2022
19-client-1 D:\TEST 15.07.2022 10:52:46 15.08.2022
C:\>
C:\>
C:\> \sscanner -m -n -Y "07/01/2022" -T "-3hours" -e "60days" Z:\CLONE_001
8909:scanner: using 'Z:\CLONE_001' as the device name
8936:scanner: scanning file disk CLONE_001 on Z:\CLONE_001
8939:scanner: file disk CLONE_001 already exists in the media index
202631:scanner: ssid 13700995: already exists in the media index
29485:scanner: ssid 13700995: scan complete
8786:scanner: ssid 13700995: 48 MB, 8 file(s)
8761:scanner: done with file disk CLONE_001
203390:scanner: List of savesets that are going to expire in 60days on Tue Sep 13 12:58:52 2022
203130:scanner: ssid/cloned id is 13700995/1657868163
C:\>
C:\>
C:\> \sscanner -m -n -Y "07/01/2022" -T "-2hours" -e "60days" Z:\CLONE_001
8909:scanner: using 'Z:\CLONE_001' as the device name
8936:scanner: scanning file disk CLONE_001 on Z:\CLONE_001
8939:scanner: file disk CLONE_001 already exists in the media index
202631:scanner: ssid 13708000: already exists in the media index
29485:scanner: ssid 13708000: scan complete
8786:scanner: ssid 13708000: 48 MB, 8 file(s)
202631:scanner: ssid 13700995: already exists in the media index
29485:scanner: ssid 13700995: scan complete
8786:scanner: ssid 13700995: 48 MB, 8 file(s)
8761:scanner: done with file disk CLONE_001
203390:scanner: List of savesets that are going to expire in 60days on Tue Sep 13 12:59:11 2022
203130:scanner: ssid/cloned id is 13700995/1657868163
203130:scanner: ssid/cloned id is 13708000/1657875108
C:\>
C:\>

```