

NetWorker's Laufwerks-Parameter

Immer wenn Sie ein NetWorker Laufwerk einrichten, konfigurieren Sie mit der Auswahl des Laufwerkstyps indirekt auch diese Parameter:

- *Block size* Die Größe eines Datenblocks
- *Volume default capacity* Die erwartete Kapazität des Mediums
- *Tape file size* Den Abstand zwischen zwei Band-Filemarken

Wollen Sie diese, üblicherweise versteckten Parameter einsehen, müssen Sie die folgenden Umgebungsvariablen setzen und dann den NetWorker Server neu starten:

- *Block size* `NSR_DEV_BLOCK_SIZE_MSG=yes`
- *Volume default capacity* `NSR_DEV_DEFAULT_CAPACITY_MSG=yes`
- *Tape file size* `NSR_DEV_TAPE_FILE_SIZE_MSG=yes`

Die Rückmeldung erfolgt in der Datei `daemon.log` bzw. `daemon.raw`, wann immer der Server neu gestartet oder ein neues Laufwerk angelegt wird, manchmal sogar öfter. Ein entsprechendes Beispiel für den NetWorker 7.4.2 sehen Sie auf den folgenden Seiten.

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42506 7/10/2008 10:07:12 PM nsrd server notice: started
10100 7/10/2008 10:07:13 PM nsrmmdbd media db is checking btrees
9870 7/10/2008 10:07:13 PM nsrmmdbd media db is consistency checking the database
10106 7/10/2008 10:07:13 PM nsrmmdbd media db is open for business
0 7/10/2008 10:07:19 PM nsrd NetWorker
0 7/10/2008 10:07:19 PM nsrd 7.4.2.Build.431
0 7/10/2008 10:07:19 PM nsrd 431
0 7/10/2008 10:07:19 PM nsrd Wed Apr 2 14:43:40 2008
0 7/10/2008 10:07:19 PM nsrd Build arch.: nt86
0 7/10/2008 10:07:19 PM nsrd DBG=0,OPT=
9513 7/10/2008 10:07:19 PM nsrindexd Running nsrck to check client file indices
42506 7/10/2008 10:07:19 PM nsrd index notice: checking index for 'ultra'
42506 7/10/2008 10:07:19 PM nsrd index notice: Z:\nsr\index\ultra contains 1042 records occupying 163 KB
42506 7/10/2008 10:07:19 PM nsrd index notice: checking index for '2003green'
42506 7/10/2008 10:07:19 PM nsrd index notice: Z:\nsr\index\2003green contains 4 records occupying 0 KB
42506 7/10/2008 10:07:19 PM nsrd index notice: checking index for '2003blue'
42506 7/10/2008 10:07:19 PM nsrd index notice: Z:\nsr\index\2003blue contains 10226 records occupying 928 KB
42506 7/10/2008 10:07:19 PM nsrd index notice: Completed checking 3 client(s)
31581 7/10/2008 10:07:21 PM gstd *** gstd starting at Thu Jul 10 22:07:21 2008
12112 7/10/2008 10:07:28 PM nsrd Power Edition
12116 7/10/2008 10:07:28 PM nsrd License Summary:
64046 7/10/2008 10:07:28 PM nsrd Available: sv=12, ws=0, ndmp=0
64047 7/10/2008 10:07:28 PM nsrd Borrowed: sv_borrowed=0
64048 7/10/2008 10:07:28 PM nsrd Remaining: sv=10, ws=0, ndmp=0
0 7/10/2008 10:07:28 PM nsrd 07/10/08 22:07:28 nsrd: Connected Servers: (2)
0 7/10/2008 10:07:28 PM nsrd 07/10/08 22:07:28 nsrd: 2003blue 2003green
33526 7/10/2008 10:07:40 PM nsrmmnd#1 Start nsrmmnd #1, with PID 1800, at HOST 2003blue
33526 7/10/2008 10:07:42 PM nsrmmnd#2 Start nsrmmnd #2, with PID 3456, at HOST 2003blue
33526 7/10/2008 10:07:44 PM nsrmmnd#3 Start nsrmmnd #3, with PID 1940, at HOST 2003blue
33526 7/10/2008 10:07:46 PM nsrmmnd#4 Start nsrmmnd #4, with PID 3812, at HOST 2003blue
33526 7/10/2008 10:07:48 PM nsrmmnd#5 Start nsrmmnd #5, with PID 3192, at HOST 2003blue
33526 7/10/2008 10:07:50 PM nsrmmnd#6 Start nsrmmnd #6, with PID 1376, at HOST 2003blue
33526 7/10/2008 10:07:52 PM nsrmmnd#7 Start nsrmmnd #7, with PID 1236, at HOST 2003blue
33526 7/10/2008 10:07:54 PM nsrmmnd#8 Start nsrmmnd #8, with PID 3936, at HOST 2003blue
33526 7/10/2008 10:07:56 PM nsrmmnd#9 Start nsrmmnd #9, with PID 2756, at HOST 2003blue
33526 7/10/2008 10:07:58 PM nsrmmnd#10 Start nsrmmnd #10, with PID 1984, at HOST 2003blue
33526 7/10/2008 10:08:00 PM nsrmmnd#11 Start nsrmmnd #11, with PID 3676, at HOST 2003blue
42506 7/10/2008 10:08:03 PM nsrd media notice: name: 3480 block size = 32 KB
42506 7/10/2008 10:08:03 PM nsrd media notice: name: 3480 block size = 32 KB
42506 7/10/2008 10:08:03 PM nsrd media notice: name: 3480 block size = 32 KB
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42506 7/10/2008 10:08:03 PM nsrd media notice: name: 3570 block size = 256 KB
42506 7/10/2008 10:08:03 PM nsrd media notice: name: 3570 block size = 256 KB
42506 7/10/2008 10:08:03 PM nsrd media notice: name: 3570 block size = 256 KB
42506 7/10/2008 10:08:03 PM nsrd media notice: name: 3590 block size = 384 KB
42506 7/10/2008 10:08:03 PM nsrd media notice: name: 3590 block size = 384 KB
42506 7/10/2008 10:08:03 PM nsrd media notice: name: 3590 block size = 384 KB
42506 7/10/2008 10:08:03 PM nsrd media notice: name: 3592 block size = 384 KB
42506 7/10/2008 10:08:03 PM nsrd media notice: name: 3592 block size = 384 KB
42506 7/10/2008 10:08:03 PM nsrd media notice: name: 3592 block size = 384 KB
42506 7/10/2008 10:08:03 PM nsrd media notice: name: 4890 block size = 32 KB
42506 7/10/2008 10:08:03 PM nsrd media notice: name: 4890 block size = 32 KB
42506 7/10/2008 10:08:03 PM nsrd media notice: name: 4890 block size = 32 KB
42506 7/10/2008 10:08:03 PM nsrd media notice: name: TS1120 block size = 384 KB
42506 7/10/2008 10:08:03 PM nsrd media notice: name: TS1120 block size = 384 KB
42506 7/10/2008 10:08:03 PM nsrd media notice: name: TS1120 block size = 384 KB
42506 7/10/2008 10:08:03 PM nsrd media notice: name: 4mm block size = 32 KB
42506 7/10/2008 10:08:03 PM nsrd media notice: name: 4mm block size = 32 KB
42506 7/10/2008 10:08:03 PM nsrd media notice: name: 4mm block size = 32 KB
42506 7/10/2008 10:08:03 PM nsrd media notice: name: 4mm 4GB block size = 32 KB
42506 7/10/2008 10:08:03 PM nsrd media notice: name: 4mm 4GB block size = 32 KB
42506 7/10/2008 10:08:03 PM nsrd media notice: name: 4mm 4GB block size = 32 KB
42506 7/10/2008 10:08:03 PM nsrd media notice: name: 4mm 8GB block size = 32 KB
42506 7/10/2008 10:08:03 PM nsrd media notice: name: 4mm 8GB block size = 32 KB
42506 7/10/2008 10:08:03 PM nsrd media notice: name: 4mm 8GB block size = 32 KB
42506 7/10/2008 10:08:03 PM nsrd media notice: name: 4mm 12GB block size = 32 KB
42506 7/10/2008 10:08:03 PM nsrd media notice: name: 4mm 12GB block size = 32 KB
42506 7/10/2008 10:08:03 PM nsrd media notice: name: 4mm 12GB block size = 32 KB
42506 7/10/2008 10:08:03 PM nsrd media notice: name: 4mm 20GB block size = 32 KB
42506 7/10/2008 10:08:03 PM nsrd media notice: name: 4mm 20GB block size = 32 KB
42506 7/10/2008 10:08:03 PM nsrd media notice: name: 4mm 20GB block size = 32 KB
42506 7/10/2008 10:08:03 PM nsrd media notice: name: 4mm DAT72 block size = 32 KB
42506 7/10/2008 10:08:03 PM nsrd media notice: name: 4mm DAT72 block size = 32 KB
42506 7/10/2008 10:08:03 PM nsrd media notice: name: 4mm DAT72 block size = 32 KB
42506 7/10/2008 10:08:03 PM nsrd media notice: name: 4mm DAT160 block size = 32 KB
42506 7/10/2008 10:08:03 PM nsrd media notice: name: 4mm DAT160 block size = 32 KB
42506 7/10/2008 10:08:03 PM nsrd media notice: name: 4mm DAT160 block size = 32 KB
42506 7/10/2008 10:08:03 PM nsrd media notice: name: 8mm block size = 32 KB
42506 7/10/2008 10:08:03 PM nsrd media notice: name: 8mm block size = 32 KB
42506 7/10/2008 10:08:03 PM nsrd media notice: name: 8mm block size = 32 KB

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42506 7/10/2008 10:08:03 PM nsrd media notice: name: generic256 block size = 256 KB
42506 7/10/2008 10:08:03 PM nsrd media notice: name: generic256 block size = 256 KB
42506 7/10/2008 10:08:03 PM nsrd media notice: name: generic256 block size = 256 KB
42506 7/10/2008 10:08:03 PM nsrd media notice: name: 3480 tape file size = 16000 blocks
42506 7/10/2008 10:08:03 PM nsrd media notice: name: 3480 tape file size = 16000 blocks
42506 7/10/2008 10:08:03 PM nsrd media notice: name: 3480 tape file size = 16000 blocks
42506 7/10/2008 10:08:03 PM nsrd media notice: name: 3570 tape file size = 6400 blocks
42506 7/10/2008 10:08:03 PM nsrd media notice: name: 3570 tape file size = 6400 blocks
42506 7/10/2008 10:08:03 PM nsrd media notice: name: 3570 tape file size = 6400 blocks
42506 7/10/2008 10:08:03 PM nsrd media notice: name: 3590 tape file size = 6400 blocks
42506 7/10/2008 10:08:03 PM nsrd media notice: name: 3590 tape file size = 6400 blocks
42506 7/10/2008 10:08:03 PM nsrd media notice: name: 3590 tape file size = 6400 blocks
42506 7/10/2008 10:08:03 PM nsrd media notice: name: 3590 tape file size = 6400 blocks
42506 7/10/2008 10:08:03 PM nsrd media notice: name: 3592 tape file size = 6400 blocks
42506 7/10/2008 10:08:03 PM nsrd media notice: name: 3592 tape file size = 6400 blocks
42506 7/10/2008 10:08:03 PM nsrd media notice: name: 3592 tape file size = 6400 blocks
42506 7/10/2008 10:08:03 PM nsrd media notice: name: 4890 tape file size = 16000 blocks
42506 7/10/2008 10:08:03 PM nsrd media notice: name: 4890 tape file size = 16000 blocks
42506 7/10/2008 10:08:03 PM nsrd media notice: name: 4890 tape file size = 16000 blocks
42506 7/10/2008 10:08:03 PM nsrd media notice: name: TS1120 tape file size = 6400 blocks
42506 7/10/2008 10:08:03 PM nsrd media notice: name: TS1120 tape file size = 6400 blocks
42506 7/10/2008 10:08:03 PM nsrd media notice: name: TS1120 tape file size = 6400 blocks
42506 7/10/2008 10:08:03 PM nsrd media notice: name: 4mm tape file size = 1100 blocks
42506 7/10/2008 10:08:03 PM nsrd media notice: name: 4mm tape file size = 1100 blocks
42506 7/10/2008 10:08:03 PM nsrd media notice: name: 4mm tape file size = 1100 blocks
42506 7/10/2008 10:08:03 PM nsrd media notice: name: 4mm 4GB tape file size = 2200 blocks
42506 7/10/2008 10:08:03 PM nsrd media notice: name: 4mm 4GB tape file size = 2200 blocks
42506 7/10/2008 10:08:03 PM nsrd media notice: name: 4mm 4GB tape file size = 2200 blocks
42506 7/10/2008 10:08:03 PM nsrd media notice: name: 4mm 8GB tape file size = 2200 blocks
42506 7/10/2008 10:08:03 PM nsrd media notice: name: 4mm 8GB tape file size = 2200 blocks
42506 7/10/2008 10:08:03 PM nsrd media notice: name: 4mm 8GB tape file size = 2200 blocks
42506 7/10/2008 10:08:03 PM nsrd media notice: name: 4mm 12GB tape file size = 15000 blocks
42506 7/10/2008 10:08:03 PM nsrd media notice: name: 4mm 12GB tape file size = 15000 blocks
42506 7/10/2008 10:08:03 PM nsrd media notice: name: 4mm 12GB tape file size = 15000 blocks
42506 7/10/2008 10:08:03 PM nsrd media notice: name: 4mm 20GB tape file size = 15000 blocks
42506 7/10/2008 10:08:03 PM nsrd media notice: name: 4mm 20GB tape file size = 15000 blocks
42506 7/10/2008 10:08:03 PM nsrd media notice: name: 4mm 20GB tape file size = 15000 blocks
42506 7/10/2008 10:08:03 PM nsrd media notice: name: 4mm 20GB tape file size = 15000 blocks
42506 7/10/2008 10:08:03 PM nsrd media notice: name: 4mm DAT72 tape file size = 15000 blocks
42506 7/10/2008 10:08:03 PM nsrd media notice: name: 4mm DAT72 tape file size = 15000 blocks
42506 7/10/2008 10:08:03 PM nsrd media notice: name: 4mm DAT72 tape file size = 15000 blocks
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In eine Tabelle gebracht, sehen die Werte für NetWorker 7.4.2 wie folgt aus:

Media Type	Block Size (KB)	Volume Default Capacity (KB)	FMK Distance (Blocks)	FMK Distance (MB)
3480	32	200,000	16000	512
3570	256	10,000,000	6400	1,638
3590	384	10,000,000	6400	2,458
3592	384	300,000,000	6400	2,458
4890	32	800,000	16000	512
TS1120	384	500,000,000	6400	2,458
4mm	32	1,100,000	1100	35
4mm 4GB	32	4,000,000	2200	70
4mm 8GB	32	8,000,000	2200	70
4mm 12GB	32	12,000,000	15000	480
4mm 20GB	32	20,000,000	15000	480
4mm DAT72	32	36,000,000	15000	480
4mm DAT160	32	80,000,000	15000	480
8mm	32	2,000,000	2200	70
8mm 5GB	32	5,000,000	12500	400
8mm 7GB	32	7,000,000	12500	400
8mm 20GB	32	20,000,000	32768	1,049
8mm AIT	64	20,000,000	16384	1,049
8mm AIT-2	64	50,000,000	16384	1,049
8mm AIT-3	192	100,000,000	10922	2,097
8mm AIT-4	128	200,000,000	16384	2,097
8mm AIT-5	128	400,000,000	16384	2,097
SAIT-1	64	500,000,000	16384	1,049
8mm Mammoth-2	192	60,000,000	5500	1,056
8mm Mammoth-3	256	60,000,000	5500	1,408
9490	64	800,000	8000	512
9840	256	20,000,000	4096	1,049
9480b	256	20,000,000	4096	1,049
9480c	256	40,000,000	4096	1,049
9940	256	60,000,000	8192	2,097
9940b	256	200,000,000	8192	2,097
T10000	256	500,000,000	8192	2,097
dlt	96	10,000,000	6400	614
dlt1	32	40,000,000	16384	524
dlt7000	128	35,000,000	8192	1,049
dlt8000	96	40,000,000	16384	1,573
dlt vs160	128	8,000,000	16384	2,097
dlt-v4	128	16,000,000	16384	2,097
sdlit	128	100,000,000	16384	2,097
sdlit320	128	160,000,000	16384	2,097
sdlit600	128	300,000,000	16384	2,097
dlt-s4	128	800,000,000	16384	2,097
dlt 20GB	32	20,000,000	6400	205
dst	576	10,000,000	6400	3,686
dst (NT)	992	10,000,000	6400	6,349
dtf	384	10,000,000	6400	2,458
dtf2	384	200,000,000	6400	2,458
optical	32	0	32768	1,049
magnetic	32	0	3200	102
file	32	0	2097152000	67,108,864

Media Type	Block Size (KB)	Volume Default Capacity (KB)	FMK Distance (Blocks)	FMK Distance (MB)
adv_file	128	0	2097152000	268,435,456
himt	32	160,000	800	26
LTO Ultrium	64	100,000,000	16384	1,049
LTO Ultrium-2	64	200,000,000	32768	2,097
LTO Ultrium-3	128	400,000,000	32768	4,194
LTO Ultrium-4	128	800,000,000	65536	8,389
LTO Accelis	128	25,000,000	8192	1,049
qic	32	150,000	300	10
qic 13GB	32	13,000,000	16000	512
SD3	256	10,000,000	6400	1,638
SLR	64	50,000,000	16384	1,049
travan10	32	10,000,000	3200	102
tk50	32	90,000	350	11
tk70	32	280,000	700	22
tz85	32	2,600,000	2200	70
tz86	32	6,000,000	2200	70
tz87	32	10,000,000	12500	400
tz88	32	40,000,000	12500	400
tz89	256	70,000,000	4096	1,049
tz90	256	80,000,000	8192	2,097
tzs20	64	20,000,000	16384	1,049
tkz90	384	10,000,000	6400	2,458
vhs	32	14,000,000	6400	205
VXA	64	33,000,000	16384	1,049
VXA-2	64	80,000,000	16384	1,049
VXA-172	64	86,000,000	16384	1,049
VXA-320	64	160,000,000	16384	1,049
CentricStor	256	895,000	8192	2,097
generic	32	2,000,000	32768	1,049
generic128	128	2,000,000	8192	1,049
generic256	256	2,000,000	4096	1,049