

NAME

nfsstat - list NFS statistics

SYNOPSIS

nfsstat [*OPTION*]...

DESCRIPTION

The **nfsstat** displays statistics kept about NFS client and server activity.

OPTIONS**-s, --server**

Print only server-side statistics. The default is to print both server and client statistics.

-c, --client

Print only client-side statistics.

-n, --nfs

Print only NFS statistics. The default is to print both NFS and RPC information.

-2 Print only NFS v2 statistics. The default is to only print information about the versions of NFS that have non-zero counts.

-3 Print only NFS v3 statistics. The default is to only print information about the versions of NFS that have non-zero counts.

-4 Print only NFS v4 statistics. The default is to only print information about the versions of NFS that have non-zero counts.

-m, --mounts

Print information about each of the mounted NFS file systems.

If this option is used, all other options are ignored.

-r, --rpc

Print only RPC statistics.

-o facility

Display statistics for the specified facility, which must be one of:

nfs NFS protocol information, split up by RPC call.

rpc General RPC information.

net Network layer statistics, such as the number of received packets, number of TCP connections, etc.

fh Usage information on the server's file handle cache, including the total number of lookups, and the number of hits and misses.

rc Usage information on the server's request reply cache, including the total number of lookups, and the number of hits and misses.

io Usage information on the server's io statistics; bytes read and written.

ra Usage information on the server's read ahead cache, including the ra cache size, the depth of ra cache hits, and ra cache misses.

all Display all of the above facilities.

-v, --verbose

This is equivalent to **-o all**.

-l, --list Print information in list form.

-S, --since file

Instead of printing current statistics, **nfsstat** imports statistics from *file* and displays the difference between those and the current statistics. Valid input *files* may be in the form of **/proc/net/rpc/nfs** (raw client stats), **/proc/net/rpc/nfsd** (raw server stats), or saved output from **nfsstat** itself (client

and/or server stats). Any statistics missing from a saved **nfsstat** output *file* are treated as zeroes.

-Z[*interval*], --sleep=[*interval*]

Instead of printing current statistics and immediately exiting, **nfsstat** takes a snapshot of the current statistics and pauses until it receives **SIGINT** (typically from **Ctrl-C**), at which point it takes another snapshot and displays the difference between the two. If *interval* is specified, **nfsstat** will print the number of **NFS** calls made since the previous report. Stats will be printed repeatedly every *interval* seconds.

EXAMPLES

nfsstat -o all -234

Show all information about all versions of **NFS**.

nfsstat --verbose -234

Same as above.

nfsstat -o all

Show all information about active versions of **NFS**.

nfsstat --nfs --server -3

Show statistics for **NFS** version 3 server.

nfsstat -m

Show information about mounted **NFS** filesystems.

DISPLAY

The **Flags** output from the **-m** option is the same as the flags give to the **mount** command.

FILES

/proc/net/rpc/nfsd

procfs-based interface to kernel NFS server statistics.

/proc/net/rpc/nfs

procfs-based interface to kernel NFS client statistics.

/proc/mounts

procfs-based interface to the mounted filesystems.

SEE ALSO

[rpc.nfsd\(8\)](#). [nfs\(5\)](#).

BUGS

The default output has been changed. To get the old default output you must run **nfsstat --auto -2**.

The function of the **-v** and **-a** options have changed. The **-a** option is now reserved for future use. The **-v** does what the **-a** option used to do, and the new **-[234]** options replace the **-v** option.

The **Display** section should be more complete.

Further bugs can be found or reported at <http://nfs.sf.net/>

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