NAME

nisstat – report NIS+ server statistics

SYNOPSIS

/usr/lib/nis/nisstat [**–H** *host*] [*directory*]

DESCRIPTION

The **nisstat** command queries a NIS+ server for various statistics about its operations. These statistics may vary between implementations and from release to release. Not all statistics are available from all servers. Requesting a statistic from a server that does not support that statistic is never fatal, it simply returns “unknown statistic”.

By default, statistics are fetched from the server(s) of the NIS+ directory for the default domain. If *directory* is specified, servers for that directory are queried.

Supported statistics for this release are as follows:

root server — This reports whether the server is a root server.

NIS compat mode — This reports whether the server is running in NIS compat mode.

DNS forwarding in NIS mode — This reports whether the server in NIS compat mode will forward host lookup calls to DNS.

security level — This reports the security level of this server.

serves directories — This lists the directories served by this server.

Operations — This statistic returns results in the form:
OP=*opname***:C=***calls***:E=***errors***:T=***micros*
Where *opname* is replaced by the RPC procedure name or operation, *calls* is the number of calls to this procedure that have been made since the server started running. *errors* is the number of errors that have occurred while processing a call, and *micros* is the average time in microseconds to complete the last 16 calls.

Directory Cache — This statistic reports the number of calls to the internal directory object cache, the number of hits on that cache, the number of misses, and the hit rate percentage.

Group Cache — This statistic reports the number of calls to the internal NIS+ group object cache, the number of hits on that cache, the number of misses, and the hit rate percentage.

Static Storage — This statistic reports the number of bytes the server has allocated for its static storage buffers.

Dynamic Storage — This statistic reports the amount of heap the server process is currently using.

Uptime — This statistic reports the time since the service has been running.

OPTIONS

–H *host* — Normally all servers for the directory are queried. With this option, only the machine named *host* is queried. If the named machine does not serve the directory, no statistics are returned.

ENVIRONMENT

NIS_PATH
If this variable is set, and the NIS+ directory name is not fully qualified, each directory specified will be searched until the directory is found (see **nisdefaults**(1)).

SEE ALSO

nisdefaults(1)