NAME

nisserver – set up NIS+ servers.

SYNOPSIS

/usr/lib/nis/nisserver -r [**-x**] [**-f**] [**-v**][**-Y**] [**-d** <*NIS+_domain*>]
[**-g** < *NIS+_groupname*>] [**-l** <*network_passwd*>]

/usr/lib/nis/nisserver -M [**-x**] [**-f**] [**-v**] [**-Y**] **-d** <*NIS+_domain*>
[**-g** <*NIS+_groupname*>] [**-h** <*NIS+_server_host*>]

/usr/lib/nis/nisserver -R [**-x**] [**-f**] [**-v**] [**-Y**] [**-d** <*NIS+_domain*>]
[**-h** <*NIS+_server_host*>]

DESCRIPTION

The **nisserver** shell script can be used to set up a root master, non-root master, and replica NIS+ servers with level 2 security (DES).

When setting up a new domain, this script creates the NIS+ directories (including **groups_dir** and **org_dir**) and system table objects for the domain specified. It does not populate the tables. You will need to use **nispopulate**(1M) to populate the tables.

Use the first synopsis (−**r**) to set up a root master server. You must be logged in as super-user on the server machine.

Use the second synopsis (−**M**) to set up a non-root master server for the specified domain. You must be logged in as an NIS+ principal on a NIS+ machine and have write permission to the parent directory of the domain that you are setting up. The new non-root master server machine must already be an NIS+ client (see **nisclient**(1M)) and have the **rpc.nisd** daemon running (see **rpc.nisd**(1M)).

Use the third synopsis (−**R**) to set up a replica server for both root and non-root domains. You must be logged in as an NIS+ principal on an NIS+ machine and have write permission to the parent directory of the domain that you are replicating. The new non-root replica server machine must already be an NIS+ client (see **nisclient**(1M)) and have the **rpc.nisd** daemon running (see **rpc.nisd**(1M)).

OPTIONS

−**d** <*NIS+_domain*> specifies the name for the NIS+ domain. The default is your local domain.

−**f** forces the NIS+ server setup without prompting for confirmation.

−**g** <*NIS+_groupname*> specifies the NIS+ group name for the new domain. This option is not valid with −**R** option. The default group is admin.<domain>.

−**h** <*NIS+_server_host*> specifies the hostname for the NIS+ server. It must be a valid host in the local domain. Use a fully qualified hostname (for example, hostx.xyz.sun.com.) to specify a host outside of your local domain. This option is ONLY used for setting up non-root master or replica servers. The default for non-root master server setup is to use the same list of servers as the parent domain. The default for replica server setup is the local hostname.

–l <*network_password*> specifies the network password with which to create the credentials for the root master server. This option is ONLY used for master root server setup (**–r** option). If this option is not specified, the script will prompt you for the login password.

–M sets up the specified host as a master server. Make sure that **rpc.nisd**(1M) is running on the new master server before this command is executed.

–R sets up the specified host as a replica server. Make sure that **rpc.nisd**(1M) is running on the new replica server.

–r sets up the server as a root master server. Use the **-R** option to set up a root replica server.

–v runs the script in verbose mode.

–x turns the "echo" mode on. The script just prints the commands that it would have executed. Note that the commands are not actually executed. The default is off.

–Y sets up an NIS+ server with NIS-compatibility mode. The default is to set up the server without NIS-compatibility mode.

EXAMPLES

To set up a root master server for domain *sun.com.* :

root_server# /usr/lib/nis/nisserver -r -d sun.com.

For the following examples make sure that the new servers are NIS+ clients and **rpc.nisd** is running on these hosts before executing **nisserver**.

To set up a replica server for domain *sun.com.* on host *sunreplica* :

root_server# /usr/lib/nis/nisserver -R -d sun.com. -h sunrep

To set up a non-root master server for domain *xyz.sun.com.* on host *sunxyz* with the NIS+ groupname as *admin-mgr.xyz.sun.com.* :

**root_server# /usr/lib/nis/nisserver -M -d xyz.sun.com. -h sunxyz **
–g admin-mgr.xyz.sun.com.

To set up a non-root replica server for domain *xyz.sun.com.* on host *sunabc*:

sunxyz# /usr/lib/nis/nisserver -R -d xyz.sun.com. -h sunabc

SEE ALSO

nis+(1), **nisgrpadm**(1), **nismkdir**(1), **nisaddcred**(1M), **nisclient**(1M), **nisinit**(1M), **nismkdir**(1), **nispopulate**(1M), **nissetup**(1M), **rpc.nisd**(1M)