NAME

nischmod – change access rights on a NIS+ object

SYNOPSIS

nischmod [–**AfLP**] *mode name* . . .

AVAILABILITY

SUNWnisu

DESCRIPTION

nischmod changes the access rights (mode) of the NIS+ objects or entries specified by *name* to *mode*. Entries are specified using indexed names (see **nismatch**(1)). Only principals with modify access to an object may change its mode.

mode has the following form:

rights [, *rights*] . . .

rights has the form:

[*who*] *op permission* [*op permission*] . . .

who is a combination of:

n Nobody's permissions.
o Owner's permissions.
g Group's permissions.
w World's permissions.
a All, or **owg**.

If *who* is omitted, the default is **a**.

op is one of:

+ To grant the *permission*.
– To revoke the *permission*.
= To set the permissions explicitly.

permission is any combination of:

r Read.
m Modify.
c Create.
d Destroy.

OPTIONS

–**A** Modify all entries in all tables in the concatenation path that match the search criteria specified in *name*. This option implies the –**P** switch.

–**f** Force the operation and fail silently if it does not succeed.

–**L** Follow links and change the permission of the linked object or entries rather than the permission of the link itself.

–**P** Follow the concatenation path within a named table. This option is only applicable when either *name* is an indexed name or the –**L** switch is also specified and the named object is a link pointing to an entry.

EXAMPLES

This example gives everyone read access to an object. (i.e., access for owner, group, and all).

example% nischmod a+r *object*

This example denies create and modify privileges to **group** and unauthenticated clients (**nobody**).

example% nischmod gn−cm *object*

In this example, a complex set of permissions are set for an object.

example% nischmod o=rmcd,g=rm,w=rc,n=r *object*

This example sets the permissions of an entry in the password table so that the group owner can modify them.

example% nischmod g+m '[uid=55],passwd.org_dir'

The next example changes the permissions of a linked object.

example% nischmod −L w+mr *linkname*

ENVIRONMENT

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

EXIT CODES

nischmod returns **0** on success and **1** on failure.

SEE ALSO

chmod(1), **nis+**(1), **nischgrp**(1), **nischown**(1), **nisdefaults**(1), **nis_objects**(3N)

NOTES

Unlike the system **chmod**(1) command, this command does not accept an octal notation.