

NAME

nfscbd - NFSv4 client side callback daemon

SYNOPSIS

nfscbd [-**p** *port_number*] [-**P** *client_principal*]

DESCRIPTION

nfscbd runs on a client using NFSv4 to handle callback requests from the NFSv4 server. If no **nfscbd** is running, NFSv4 mounts will still work, but the server will never issue Open Delegations to the client.

One callback server and one master server are always started.

The following options are available:

-p *port_number*

Specifies what port# the callback server should use.

-P *client_principal*

Specifies the host based principal name to be used as the target for callbacks over RPCSEC_GSS. For KerberosV, it must be in the client's default keytab file. This *client_principal* should be the same one specified by the **gssname** argument being used by *nfsv4* mounts. If you do not specify this argument, callbacks will still work over AUTH_SYS, which is what many extant servers use even for RPCSEC_GSS mounts, as of 2009.

For example, "**nfscbd -p 7654 -P root**" starts the daemon to handle callbacks on port# 7654 and is using the host based principal `root@<client-host>.<dns-domain>` as the callback target.

nfscbd listens for service requests at the port defined by `NFSV4_CBPORT` in `/usr/include/fs/nfs/nfs.h`, unless **-p** has been specified. For more information on what callbacks and Open Delegations do, see *Network File System (NFS) Version 4 Protocol, RFC3530*.

EXIT STATUS

The **nfscbd** utility exits 0 on success, and >0 if an error occurs.

SEE ALSO

nfsv4(4), *mount_nfs(8)*

HISTORY

First introduced with the experimental *nfs* client for NFSv4 support in 2009.