portmap Daemon

Purpose

Converts RPC program numbers into Internet port numbers.

Syntax

/usr/sbin/portmap

Description

The **portmap** daemon converts RPC program numbers into Internet port numbers.

When an RPC server starts up, it registers with the **portmap** daemon. The server tells the daemon which port number it is listening to and which RPC program numbers it serves. Thus, the **portmap** daemon knows the location of every registered port on the host and which programs are available on each of these ports.

A client consults the **portmap** daemon only once for each program the client tries to call. The **portmap** daemon tells the client which port to send the call to. The client stores this information for future reference.

Since standard RPC servers are normally started by the **inetd** daemon, the **portmap** daemon must be started before the **inetd** daemon is invoked.

> **Note:** If the **portmap** daemon is stopped or comes to an abnormal end, all RPC servers on the host must be restarted.

Flags

None

Examples

1. To start the **portmap** daemon, enter the following command:

   ```
   startsrc -s portmap
   ```

2. To stop the **portmap** daemon enter the following command:

```
stopsrc -s portmap
```

Files

inetd.conf	Starts RPC daemons and other TCP/IP daemons.
/etc/rpc	Contains a list of server names and their corresponding **rpc** program numbers and aliases.

Related Information

The **rpcinfo** command.

The **inetd** daemon.

Network File System (NFS) Overview for System Management in *AIX Version 4.3 System Management Concepts: Operating System and Devices*.

System Resource Controller Overview in *AIX Version 4.3 System Management Guide: Operating System and Devices*.

TCP/IP Protocols in *AIX Version 4.3 System Management Concepts: Operating System and Devices*.

List of NFS Commands.