



# Tech Info Library

## A/UX: Making an A/UX System Run as a Sun/NFS Client (8/94)

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TOPIC -----

Making an A/UX System run as a Sun/NFS Client.

DISCUSSION -----

To get your A/UX system running as an NFS client, follow these steps:

1. You must have already set up bnet (basic network). bnet is a prerequisite for running NFS. The command is: `newconfig bnet nfs`. For details, see "Configuring and Managing a TCP/IP Network" in the A/UX Network System Administration manual.
2. Make sure a set of network daemons -- `"/etc/inetd"` -- is installed and running from the `/etc/inittab` file. The daemon in the `/etc/inittab` entry should state:

```
net9:2:respawn:/etc/inetd      # set to "respawn" for networking
```

The `nfs` kernel module is also required and is included if you run the `newconfig bnet nfs` command described above.

3. The `"/etc/biod 4"` and `"/etc/mount -at nfs >/dev/syscon 2>&1"` daemons must be installed and running from the `/etc/inittab` file. Here are the two daemons in the `/etc/inittab` entries:

```
nfs4:2:wait:/etc/biod 4      # set to "wait" for NFS client
nfs8:2:once:/etc/mount -at nfs > /dev/syscon 2>&1 # set to "once" for NFS
```

For more detail, see "Configuring and Managing the Network File System" in the A/UX Network System Administration manual.

4. After you have completed these steps, use `"ps -ef"` to verify that the above processes are running.
5. Use `"showmount -e remote_nfs_server"` to see which filesystems of `remote_nfs_server` machine have been exported to you.
6. Issue the `"mount"` command for the exported filesystem(s). If either the

"showmount" or "mount" command fails, chances are that the remote NFS server might not be up or the permissions are not granted for you to mount the remote server.

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Support Information Services

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