

## PROCEDURE FOR **ADDING A SLAVE SERVER** TO THE **NIS DOMAIN**

1. Log into the master NIS server as root.
2. Change to the appropriate directory using the following command:

```
cd /var/yp/<domainname>
```

3. Issue the following command to create an editable ASCII text file from the ypservers map:

```
/usr/sbin/makedbm -u ypservers > tempfile
```

4. Use a text editor to add the name of the new server to the ASCII file that was created in the previous step.
5. Issue the following command to regenerate the ypservers map from the ASCII file:

```
/usr/sbin/makedbm tempfile ypservers
```

6. Run the following command to rebuild the NIS database:

```
/var/yp/ypmake
```

7. Confirm the new server is listed by the *ypcat -k ypservers* command.
8. Log out of the master server.
9. Log into the new slave NIS server as root.
10. Run the following command to install the NIS database on the master NIS server to the new slave server:

```
/usr/lib/yp/ypinit -s <master server>
```

11. Verify a directory of the domainname has been created under /var/yp.

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12. Log out of the slave server.
13. Log into an NIS client system as root.
14. Reconfigure the client to bind to the new NIS slave server.
15. Stop and restart the ypbind daemon on the client and verify it has bound to the new slave server using the ypwhich command.
16. Reboot the client and verify the client can connect to NIS domain on system boot. Run the ypwhich command again to confirm.
17. Reconfigure the client to its original settings. Reboot the client to confirm NIS domain connectivity.