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## Installing Secondary Infoprint Servers

Infoprint Manager allows you to configure multiple AIX systems to work together to meet your printing needs. Installing secondary servers using the Distributed Computing Environment (DCE) version of Infoprint Manager is simple. All that is required is to run the Infoprint Installer on each system. DCE will provide the services that your primary and secondary Infoprint servers require to communicate with each other.

If, however, you are installing secondary servers in a non-DCE Infoprint environment, you will be using Network File System (NFS) to enable communication between servers. To make this work correctly, you must use one of the following two procedures:

- Installing Secondary Infoprint Servers Using NFS (No Job Ticketing)
- Installing Secondary Infoprint Servers Using NFS (Job Ticketing)

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### Installing Secondary Infoprint Servers Using NFS (No Job Ticketing)

To set up multiple Infoprint servers that do not require full job ticketing services, do the following:

1. Complete the installation of the primary Infoprint server.
2. Apply current APAR service, if available.
3. Complete the configuration of the primary Infoprint server:
  - a. Access the **Infoprint Utilities** main menu by:
    - If you do not have an **Infoprint Manager** icon on your front panel, open the **Infoprint** folder in the Application Manager and double click the **Infoprint SMIT** icon. Then click **Infoprint Utilities**.
    - If you do have an **Infoprint Manager** icon on your front panel, open Infoprint Manager's popup menu and click on the **Infoprint SMIT** icon. Then click **Infoprint Utilities**.
  - b. Click **Configure Secondary Servers (NFS)**, then **Link from Primary Server to Secondary Server**.
  - c. Provide the information about your secondary system as prompted.

**Note:** If you are using DNS or NIS name resolution services, be sure to update these services with all new server information before proceeding. (DNS and NIS are centralized services used to resolve host names into IP addresses. Whenever a new machine is added to the network, these services must be advised of the host name and IP address of the new system. These services may or may not be used on your LAN. If you are unsure about about your network's name resolution services, contact your network administrator.)

- d. Do the following for each secondary server:
  - 1) Run the Infoprint Installer.
  - 2) Apply current APAR service, as necessary.

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## Installing Secondary Infoprint Servers Using NFS (Job Ticketing)

To set up multiple Infoprint servers with job ticketing fully enabled:

1. Complete the installation of the primary Infoprint server.
2. Apply current APAR service, if available.
3. Run **Infoprint Utilities** on the primary Infoprint server as described in Setting Up the Primary Server.
4. Run **Infoprint Utilities** on the secondary Infoprint server as described in Setting Up the Secondary Server.

**Note:** You must set up the Primary Server before setting up the Secondary Server.

### Setting Up the Primary Server

1. Access the Infoprint Utilities main menu by:
  - If you do not have an **Infoprint Manager** icon on your front panel, open the **Infoprint** folder in the Application Manager and double click the **Infoprint SMIT** icon. Then click **Infoprint Utilities**.
  - If you do have an **Infoprint Manager** icon on your front panel, open Infoprint Manager's popup menu and click on the **Infoprint SMIT** icon. Then click **Infoprint Utilities**.
2. Click on **Configure Secondary Servers (NFS)**, then **Link from Primary Server to Secondary Server**. Provide the information about your secondary system as prompted.
3. If the **/ipdata** filesystem was not allocated on the primary server, you must perform the necessary steps to make **/ipdata** accessible to all Infoprint servers before proceeding. (This is necessary if, for example, you have elected to use a PC to store shared information instead of your primary server.)

**Note:** If you are using DNS or NIS name resolution services, be sure to update these services with all new server information before proceeding. (DNS and NIS are centralized services used to resolve host names into IP addresses. Whenever a new machine is added to the network, these services must be advised of the host name and IP address of the new system. These services may or may not be used on your LAN. If you are unsure about about your network's name resolution services, contact your network administrator.)

### Setting Up the Secondary Server(s)

Do the following for each secondary server:

1. Run the Infoprint Installer.
2. Apply current APAR service, as necessary.
3. Access the **Infoprint Utilities** main menu by:
  - If you do not have an **Infoprint Manager** icon on your front panel, open the **Infoprint** folder in the Application Manager and double click the **Infoprint SMIT** icon. Then click **Infoprint Utilities**.
  - If you do have an Infoprint Manager icon on your front panel, open Infoprint Manager's popup menu and click the **Infoprint SMIT** icon. Then click **Infoprint Utilities**.
4. Click on **Configure Secondary Servers (NFS)**, then **Link from Secondary Server to Primary Server**. Provide the information about your primary system as prompted.

**Note:** If any of the procedures above fail because the user and group identifiers could not be set, you must set these values manually so they are the same on all servers in the namespace. To do this, follow these steps:

1. Invoke **SMIT**.
2. Click **Infoprint Printing System**, then **Troubleshooting**, then **Standardize Default Users**.
3. Enter ID numbers as prompted.

Perform this procedure on both primary and secondary systems until the same IDs are in use by all servers in the namespace.