

Using a Burstware Server or Conductor with Multiple Network Interface Cards

ID: 2

Creation Date: 12/13/99

Product: Server, Conductor

Version: 1.2

Platform: All

Distribution: External

Summary: This technote explains how to configure Burstware servers and conductors for use with multiple network interface cards (NICs).

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Overview

Burstware Servers and Conductors can be used on machines with multiple NICs. There are two ways to configure the Burstware Server or Conductor for use with multiple NICs:

- One conductor or server listening on all NICs (default)
- One conductor or server per NIC

The first option requires no additional configurations. The second option requires you to append the initialization file to specify the exact IP address the conductor or server listens on.

Configuration Options for Multiple NICs

The following sections describe the two configuration options for multiple NICs.

One Conductor or Server Listening on All NICs

In this configuration, the machine name is mapped to all of its IP addresses as specified in the host file or name service. The conductor or server listens on all of the machine's IP addresses as specified in the host file or name service. This is the default configuration.

One Conductor or Server Listening on One NIC

In this configuration, one conductor or server listens on a specified IP address. You must add a **baseIPAddress** configuration parameter in the conductor or server initialization file to specify the IP address a conductor or server listens on. Note that the IP address specified in the **baseIPAddress** parameter will override those specified in the host file or name service.

Here are the steps to configure an initialization file to listen on one IP address:

1. Open the initialization file using any text editor.

The burstserver.ini file can be found in the server subdirectory of your Burstware installation directory. For example, if you installed Burstware in the default directory C:/Program Files/IVT/Burstware, the initialization file is C:/Program Files/IVT/Burstware/server/burstserver.ini. The burstconductor.ini file can be found in the conductor subdirectory of the Burstware installation directory in a similar fashion.

2. Add the following line to the initialization file:

```
baseIPAddress = IP_address
```

3. Restart the server if it is already running.