

Defining Servers and Clusters

This chapter describes how to define servers and clusters, and includes the following sections:

- Defining a Server Cluster
- Configuring a Control Server
- Configuring an Archive Server
- Configuring a Broadcast Server

Defining a Server Cluster

Follow these steps to define an IP/TV server cluster:

- Step 1** From your browser, access the IP/TV Control Server by entering the following URL:

```
http://controlserver/
```

where *controlserver* is the name of the Control Server on which the IP/TV Control Server is installed.

- Step 2** On the IP/TV Control Server main page, click **Server Clusters**. The Server Clusters page appears.

This page lists the server clusters that are already defined. Once a server cluster is defined, you may review or edit the information stored for it, or delete it from the list.

- Step 3** On the Server Clusters Page, click **New Cluster** on the task bar. The New Cluster page appears.

Configuring a Control Server

Step 4 Enter the name of the new cluster.

Step 5 Under Cluster Information, enter an optional description of the cluster and the cluster capacity in Kbps.

Step 6 Click **Add Cluster** to send the completed form to the IP/TV Control Server.

For more information on defining server clusters, refer to Chapter 5, “Setting Up the IP/TV Content Manager,” of the *IP/TV Administration and Configuration Guide*.

Configuring a Control Server

To define a Control Server, you must define your Archive Server and Broadcast Server in the IP/TV Control Server.

Note The Control Server has Microsoft Internet Explorer preinstalled. You can also access the IP/TV Control Server from another machine using Microsoft Internet Explorer or Netscape Navigator.

To define an Archive Server or Broadcast Server in the IP/TV Control Server, follow these steps:

Step 1 From your browser, access the IP/TV Control Server by entering the following URL:

`http://controlserver/`

where *controlserver* is the name of the Control Server on which the IP/TV Control Server is installed.

Step 2 On the IP/TV Control Server main page (see Figure 4-1), click **Server Clusters**.

Figure 4-1 IP/TV Control Server Main Page



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Step 3 On the Servers page, click **New Server** on the task bar.

Step 4 On the New Server page, enter the server information.

Step 5 Select the **IP/TV OnDemand Server** check box.

Although the default capacity of a new server is 5 Mbps, the server capacity can be set as high as 50 Mbps depending on the constraints of your network. Table 4-1 lists the average capacity in Kbps for each IP/TV server model.

Table 4-1 Average Capacity (Kbps) by IP/TV Server Model

IP/TV Server Model	Average Capacity (Kbps)
3423	10,000
3415	10,000
3431	50,000

Step 6 Click **Define Server**.

See “Defining Servers” in Chapter 4, “Administering IP/TV Viewer,” of the *IP/TV Content Manager User Guide* for more detailed information.

Configuring an Archive Server

This section describes how to define an Archive Server so that it can be controlled by the IP/TV Control Server.

To set up an Archive Server, follow these steps:

Step 1 On the Program Listing window, click **Settings>Configure IP/TV Server**.

Step 2 Click the Server tab.

Step 3 In the IP/TV CM Host field, enter the IP address or host name of the Control Server.

Step 4 Copy your media files to e:\avi.

Configuring a Broadcast Server

This section describes how to define a Broadcast Server so that it can be controlled by the IP/TV Control Server.

To set up a Broadcast Server, follow these steps:

- Step 1** On the Program Listing window, click **Settings>Configure IP/TV Server**.
- Step 2** Click the Server tab.
- Step 3** In the IP/TV CM Host field, enter the IP address or host name of the Control Server.

