



BMS Communication

This appendix describes the required Business Management System (BMS) configuration settings necessary for communicating with the VDS.

OpenStream/ISA

This section is not meant to replace the OpenStream installation manual. Instead, it is more of a “cheat sheet” offering a list of values that must be the same on both the OpenStream BMS and the VDS to ensure communication between them. For more information, see the *Open Stream Installation Manual*.

The VDS communicates with the OpenStream BMS through the OpenStream CORBA Naming and Notification Services. [Table C-1](#) describes the IP addresses of the OpenStream CORBA Naming and Notification Services that must be configured on the VDS.

Table C-1 *OpenStream IP Addresses*

Content Delivery System Parameter	OpenStream Component
Name Service IP	The IP address of the CORBA Naming Service used by the OpenStream BMS. Typically, this service resides on the same server as the OpenStream BMS.
Notify Service IP	The IP address of the CORBA Notification Service used by the OpenStream BMS. Typically, this service resides on the same server as the OpenStream BMS.

In addition to the IP addresses of the Naming and Notification Services, the parameters described in [Table C-2](#) must have the same values on both the OpenStream BMS and the VDS.

Table C-2 *OpenStream and Content Delivery System Parameters*

OpenStream Parameter	Content Delivery System Field	Default Value
Name Service Port	Name Service Port	5000
Notify Service Port	Notify Service Port	5005
Notify Event Channel Factory	Event Channel Factory	DefaultEventChannelFactory
Event Channels (Root)	Event Channel ID	EventChannels
Event Channels Kind	Event Channel Kind	Context

Table C-2 OpenStream and Content Delivery System Parameters (continued)

OpenStream Parameter	Content Delivery System Field	Default Value
Content Channel	Event Channel Content ID	ContentChannel
Event Channel Content Kind	Event Channel Content Kind	Factory
Stream Channel	Event Channel Stream ID	StreamChannel
Stream Channel Kind	Event Channel Stream Kind	Factory
Factories (Root)	Factories ID	Factories
Factories Kind	Factories Kind	Context
ContentStoreFactory: \$\$\$Factory, where \$\$\$ is a value given by the Cisco installation engineer	Content Store Factory ID	ArroyoContentStoreFactory_XXXX Where XXXX is a unique number within the Content Delivery System. The Kind type of <i>Factory</i> is appended to the ID before registering with the CORBA Naming Service.
ContentStore: \$\$\$Factory, where \$\$\$ is a value given by the Cisco installation engineer	Content Store Name	ArroyoContentStore_XXXX Where XXXX is a unique number within the Content Delivery System. The Kind type of <i>Factory</i> is appended to the ID before registering with the CORBA Naming Service.
StreamService: \$\$\$Factory, where \$\$\$ is a value given by the Cisco installation engineer	StreamSvc Master ID	ArroyoStreamService_XXXX Where XXXX is a unique number within the Content Delivery System. The Kind type of <i>Factory</i> is appended to the ID before registering with the CORBA Naming Service.
StreamingMode	Streaming Mode	The default is 1, representing that the streaming mode of the next device is gigabit Ethernet.

Lastly, there are four other parameters that need to be considered when configuring the OpenStream BMS and the VDS. They are:

- Headend ID
- LSC Response Padding
- Sessions Poll Time
- Stream Timeout Time

These four parameters in the VDS with their default values work properly with the OpenStream BMS.