Chapter 13

Configuring Applications to Communicate with an SAE

This chapter provides information about configuring NIC proxies. Topics include:

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Overview of NIC Proxy Configuration

You configure applications to communicate with network information collector (NIC) hosts. A NIC host can be local within an application, or external to the application. For Java applications, you also configure NIC proxies as part of an application.

For a number of SRC components, such as the SRC Volume-Tracking Application (SRC-VTA) and the Dynamic Service Activator, you can configure the NIC proxy for the application from the SRC CLI. For other applications, such as the sample residential portal, you configure the NIC proxy in a property file. If you configure a NIC proxy from a property file, the fields are the same as the fields that appear at the CLI. When you develop and test SRC components that use a NIC, you can configure a NIC proxy stub to take the place of the NIC host.

For more information about NIC proxies, see *Chapter 9, Locating Subscriber Information with the NIC*.

Before You Configure a NIC Proxy

The values that you configure for a NIC proxy depend on the particular application; for example, you must specify the type of data used for the key and the type of data used for the value for each application.

Before you configure a NIC proxy for an application, obtain the following information from the system manager who maintains the NIC configuration for NIC hosts:

■ The name of the resolver that the application uses.

■ The type of key the application will provide to the NIC host.

■ The type of value the NIC host is to return.

■ Whether or not the application will use a local NIC host.

■ If the application does not use a local NIC host:

   ■ The size of the NIC proxy cache.

   ■ The groups to be listed for NIC host selection. These groups provide NIC replication.

Also, if you use the SRC software on a Solaris platform and use a Java Runtime Environment (JRE) other than the one included in the SRC software distribution, review the configuration for the object request broker (ORB) to ensure that it meets the requirements for the NIC.

For information about the ORB, see *Chapter 15, Configuring Applications to Communicate with an SAE with SDX Admin.*