



Managing Service Providers and Subscriber Groups

The Cisco Broadband Access Center (BAC) software enables you to create network service provider accounts and subscriber groups. After installing BAC, your first task is to create service providers. You later create customer subscriber accounts. For more information, see [Chapter 8, “Managing Subscribers.”](#)

[Table 4-1](#) lists the topics discussed in this chapter.

Table 4-1 *Managing Service Providers and Subscribers Topics*

If you want to...	Go to the...
Learn about service providers and subscribers	“Overview of Service Providers and Subscriber Groups” section on page 4-2.
Create service providers	“Organizing and Managing Service Providers” section on page 4-2.
Create subscriber groups	“Organizing and Managing Subscriber Groups” section on page 4-4.

Overview of Service Providers and Subscriber Groups

Using the Subscribers tab, you set up service providers, subscriber groups, and customer subscriber accounts. Wholesale network access providers create and manage retail network service providers. Retail providers manage customer subscriber accounts and might also manage other retail providers.

Thus, when you click the Subscribers tab, you can manage service providers and subscriber groups, as well as subscriber accounts. For more information about managing subscribers, see [Chapter 8](#), “Managing Subscribers.”

Organizing and Managing Service Providers

You use the Subscriber tab to set up service provider accounts. BAC then uses service provider account information to partition administrative networks and network devices so that only the specified service provider can view network and devices; for example, an operator at service provider ISP1 can view only the administrative networks and devices that belong to ISP1. For more information, see [Chapter 6](#), “Managing Devices.”

About Service Providers

When you create a service provider, you set the identity of the provider with the fields listed in [Table 4-2](#).

Table 4-2 Service Provider Fields

Field	Description
Id	The identifier for the service provider. This field is mapped to the owner field on network devices. It is the owner field that enables the partitioning of network views.
Full Name	The full name of the service provider.
Domain list	The list of domain names assigned to the service provider. If a service provider has multiple domain names, use a comma (,) to separate each name in the list.
Address	The street address of the service provider.
City	The city where the service provider is located.
State/Province	The state, province, or other governmental subdivision used in a mailing address. This field is optional.
Zip/Postal Code	The postal code assigned to the service provider’s specific mail delivery area.
Country	The country in which the service provider operates.
Phone	The telephone number for the service provider.
Contract Number	The number on the contractual agreement between the service provider and the access provider.
Description	Additional information about the service provider.

To Create a Service Provider

To create a service provider, follow these steps:

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- Step 1** Log in to BAC. By default, the system displays the Service Provider Inventory page in the content area of the main window.
 - Step 2** In the Object Selector tree, click **Service Providers**.
 - Step 3** In the main window, click **Create Service Provider**. The system displays the Create Service Provider page.
 - Step 4** Enter the service provider information, as defined in [Table 4-2](#).
 - Step 5** Click **Finish**.
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To Delete a Service Provider

To delete a service provider, follow these steps:

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- Step 1** Delete all subscribers and subscriber groups contained within the Service Provider. For more information, see [“To Delete a Subscriber” section on page 8-5](#) and [“To Delete a Subscriber Group” section on page 4-5](#).
 - Step 2** If necessary, in the subtask bar, click **Service Provider Management**. The system displays the Service Provider Inventory page in the content area of the main window.
 - Step 3** In the Object Selector tree, select the service provider that you want to delete.
 - Step 4** In the main window, click **Delete**. The system displays a prompt asking you if you want to delete this group.
 - Step 5** Click **OK**.
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Organizing and Managing Subscriber Groups

Within a service provider account, you can group subscribers for easier administration. For example, you might group subscribers by geography or technology.

About Subscriber Groups

When you create subscriber groups, you set the fields in [Table 4-3](#).

Table 4-3 *Subscriber Group Fields*

Field	Description
Id	The identifier for the subscriber group. This field is required.
Full Name	The full name of the subscriber group.
Address	The street address of the subscriber group.
City	The city where the subscriber group is located.
State/Province	The state, province, or other governmental subdivision used in a mailing address.
Zip/Postal Code	The postal code assigned to the subscriber group's mail delivery area.
Phone	The telephone number for the subscriber group.
Country	The country in which the subscriber group is located.
Contract Number	The number of any applicable contractual agreement.
Description	Additional information about the subscriber group.

To Create a Subscriber Group

To create a subscriber group, follow these steps:

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- Step 1** If necessary, click the **Subscribers** tab. The system displays the Service Provider Inventory page in the content area of the main window.
 - Step 2** In the Object Selector tree, select the service provider to which you want to add a subscriber group. Expand the tree if necessary.
 - Step 3** In the main window, click **Create Subscriber Group**. The system displays the Create Subscriber Group page.
 - Step 4** Enter the service provider information, as defined in [Table 4-2](#).
 - Step 5** Click **Finish**.
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To Delete a Subscriber Group

To delete a subscriber group, follow these steps:

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- Step 1** Delete all subscribers and other subscriber groups contained within the subscriber group that you want to delete. For more information, see [“To Delete a Subscriber” section on page 8-5](#).
 - Step 2** If necessary, in the subtask bar, click **Service Provider Management**. The system displays the Service Provider Inventory page in the content area of the main window.
 - Step 3** In the Object Selector tree, expand the view of the service provider that contains the group that you want to delete.
 - Step 4** Select the subscriber group.
 - Step 5** In the main window, click **Delete**. The system displays a prompt asking you if you want to delete this group.
 - Step 6** Click **OK**.
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