



Configuring Source Address Lists

This chapter describes how to configure DNS request handling on your GSS network by defining the IP addresses from which requests are sent to the GSS. You configure GSS request handling by creating source address lists, which are collections of IP addresses or address blocks for known client DNS proxies (or D-proxies).

**Note**

The deployment of source address lists is an optional process. A default source address list, named Anywhere, is supplied with the GSS software and matches any request for a domain.

By using the source address lists feature, you can enter one or more IP addresses, with a maximum of 30 addresses for each list, to represent the DNS proxies from which requests originate. Each GSS supports a maximum of 60 source address lists.

In addition to adding individual addresses, the primary GSSM also allows you to enter IP address blocks conforming to the classless interdomain routing (CIDR) IP addressing scheme.

This chapter contains the following major sections:

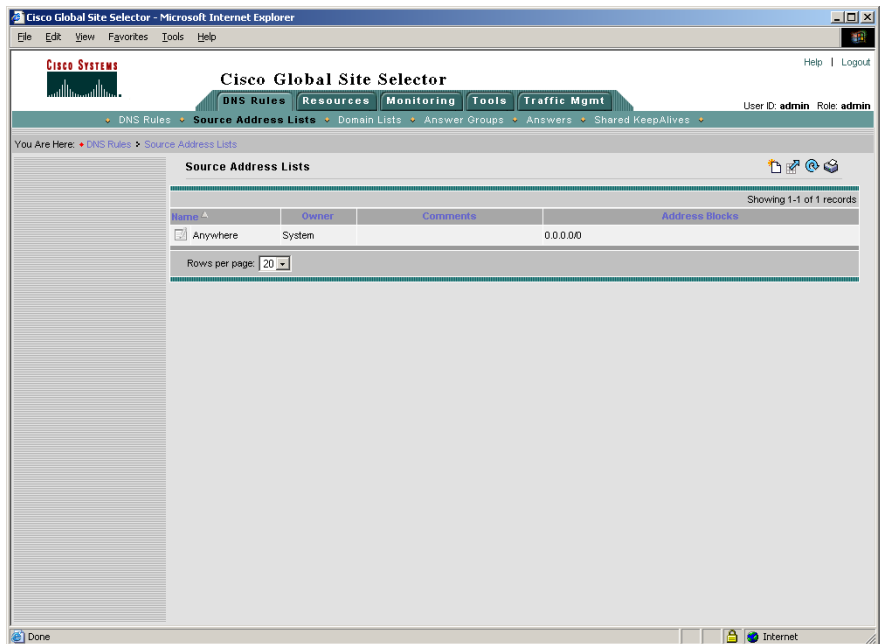
- [Creating Source Address Lists](#)
- [Modifying Source Address Lists](#)
- [Deleting Source Address Lists](#)
- [Where to Go Next](#)

Creating Source Address Lists

To configure a source address list, perform the following steps:

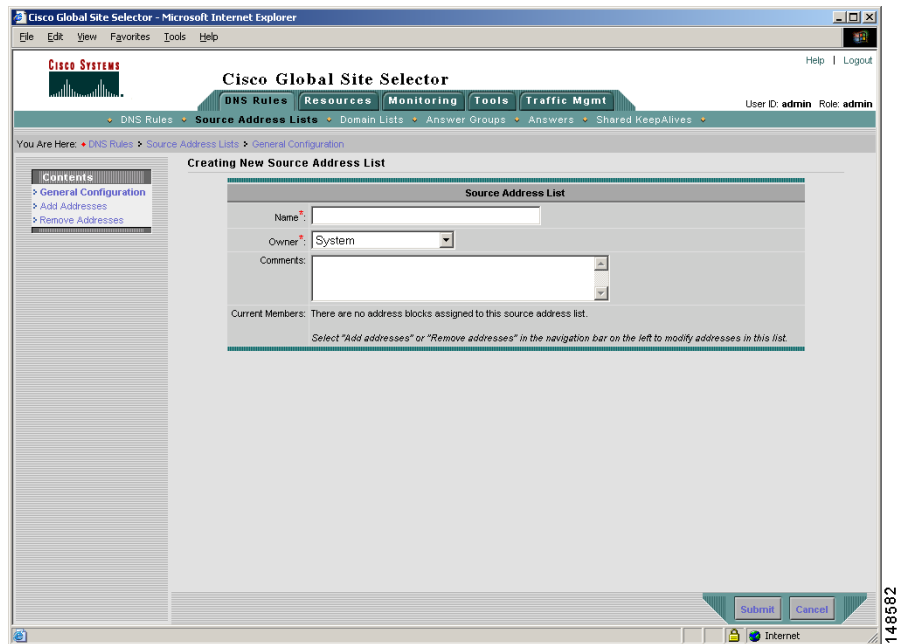
1. From the primary GSSM GUI, click the **DNS Rules** tab.
2. Click the **Source Address Lists** navigation link. The Source Address Lists list page appears (see [Figure 3-1](#)).

Figure 3-1 Source Address Lists List Page



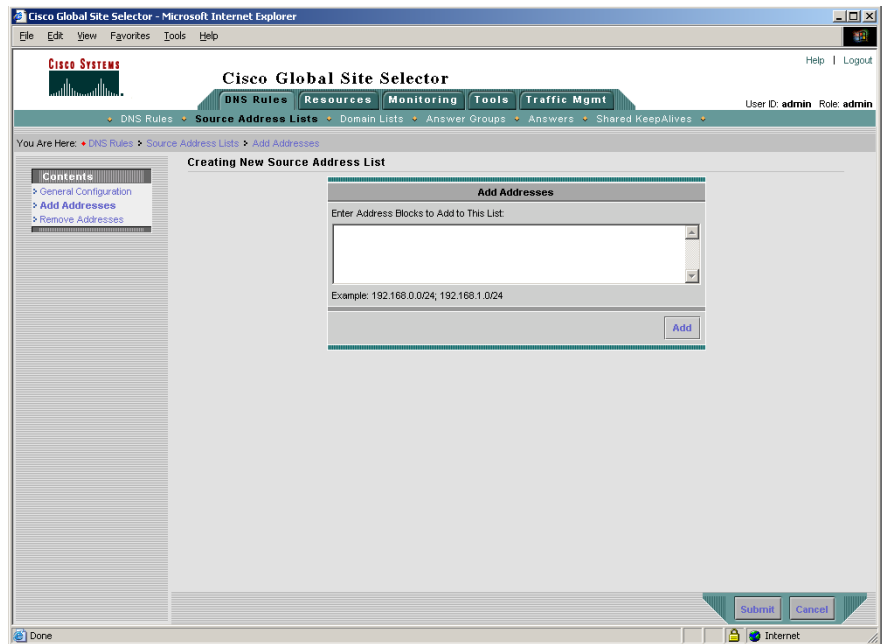
3. Click the **Create Source Address List** icon. The Creating New Source Address List details page appears (see [Figure 3-2](#)).

Figure 3-2 Creating New Source Address List—General Configuration



4. In the General Configuration details page (**General Configuration** navigation link), perform the following:
 - a. In the Name field, enter a name for the new Source Address List. Source Address List names cannot contain spaces.
 - b. From the Owner drop-down list, select the GSS network resource with which the Source Address List is associated. The owner may be a hosting customer, an internal department such as human resources, or an IT staff resource.
 - c. In the Comments text area, enter any comments for the new Source Address List.
5. Click the **Add Address** navigation link to access the Add Addresses section of the page. Add new addresses or address blocks to your list of source addresses (see Figure 3-3).

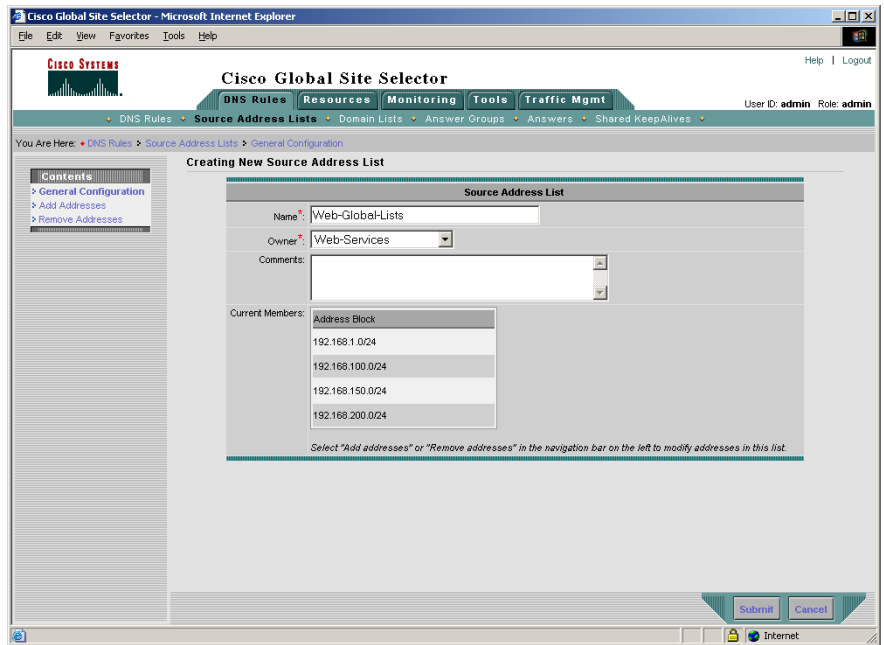
Figure 3-3 Creating New Source Address List—Add Addresses



6. In the Add Addresses section of the page, perform the following:
 - a. Enter the IP addresses or Classless Inter-Domain Routing (CIDR) address blocks of the client DNS proxies. You use this interface to add new addresses or address blocks to your list of source addresses. If entering multiple addresses, separate each address with a semicolon. You can enter up to 30 addresses for each list. For example, enter the following:
`192.168.100.0/24; 172.16.0.0/16; 172.16.10.1`
 - b. Click the **Add** button. The GSS software adds the addresses to the Source Address List.
7. Click the **General Configuration** navigation link to view the address block associated with the source address list. The addresses appear under the Current Members section of the details page (see [Figure 3-4](#)).

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Figure 3-4 Creating Source Address List—Current Members List



8. Click the **Submit** button to save your changes and return to the Source Address Lists list page.

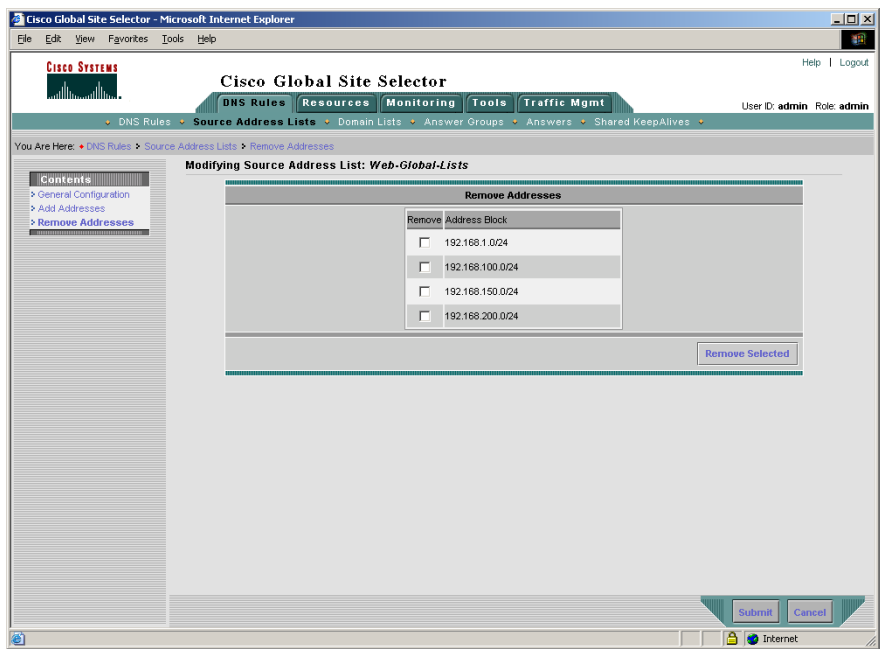
Modifying Source Address Lists

To modify an existing source address list, perform the following steps:

1. From the primary GSSM GUI, click the **DNS Rules** tab.
2. Click the **Modify Source Address List** icon located to the left of the Source Address List that you want to modify. The Modifying Source Address List details page appears.
3. In the General Configuration details page (**General Configuration** navigation link), use the fields provided to modify the name, comments, or owner for the source address list (see [Figure 3-2](#)). Source address list names cannot contain spaces.

4. Click the **Add Addresses** navigation link to add more source addresses to the list. Use the field provided (see [Figure 3-3](#)) to enter the names of source address lists that you want to add. Click the **Add** button to append the new source address to the existing list.
5. Click the **Remove Addresses** navigation link to remove addresses from the Source Address List. The Remove Addresses section of the page appears (see [Figure 3-5](#)). Click the check box accompanying each source address that you want to remove from the list, and then click the **Remove Selected** button to remove the selected source addresses from the list.

Figure 3-5 Modifying Source Address List—Remove Addresses



6. Review your updated source address list under the Current Members section of the details page (see [Figure 3-4](#)).
7. Click the **Submit** button to save your modified source address list and return to the Source Address List list page.

Deleting Source Address Lists

You cannot delete source address lists associated with an existing DNS rule. Before deleting a source address list, first verify that none of your DNS rules reference the source address list that you are to delete. If necessary, deselect the source address list from the DNS rule. See [Chapter 7, Building and Modifying DNS Rules](#), for information about modifying a DNS rule.



Caution

Deletions of any kind cannot be undone in the primary GSSM. Before deleting any data that you think you might want to use at a later point in time, perform a database backup of your GSSM. See the *Global Site Selector Administration Guide* for details.

To delete a source address list from your GSS network, perform the following steps:

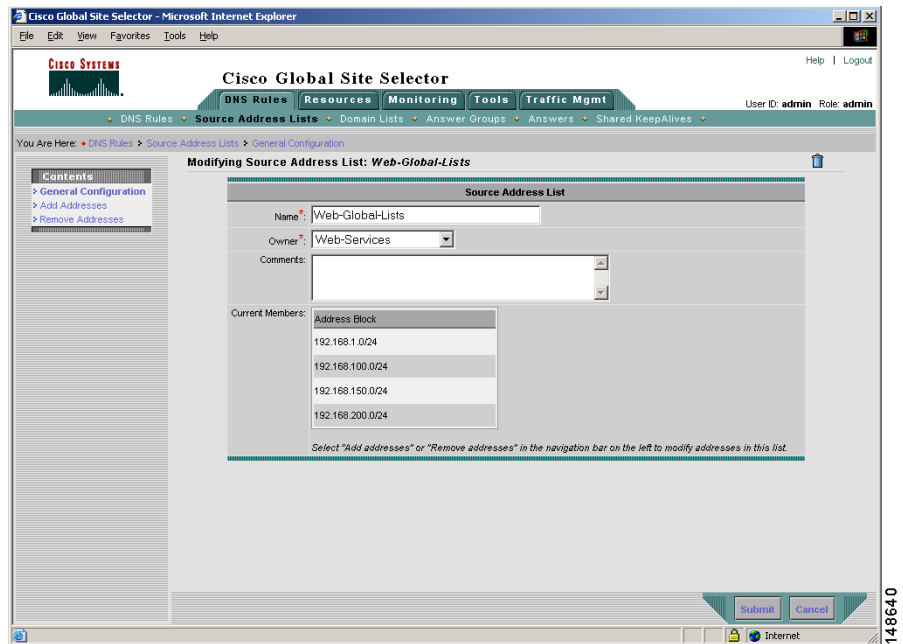
1. From the primary GSSM GUI, click the **DNS Rules** tab.
2. Click the **Source Address Lists** navigation link. The Source Address Lists list page appears.
3. Click the **Modify Source Address List** icon located to the left of the Source Address List that you want to remove. The Source Address Lists details page appears.
4. Click the **Delete Source Address List** icon in the upper right corner of the page (see [Figure 3-6](#)). The GSS software prompts you to confirm your decision to delete the Source Address List.



Note

If an error appears informing you that the source address list is referenced by an existing DNS rule, deselect the source address list from the DNS rule, and then attempt to delete the source address list again. See [Chapter 7, Building and Modifying DNS Rules](#), for information about modifying a DNS rule.

Figure 3-6 Modifying Source Address List—Delete Icon



5. Click **OK** to confirm your decision. You return to the Source Address Lists list page. The source address list is removed from the list.

Where to Go Next

[Chapter 4, Configuring Domain Lists](#), describes the creation of domain lists. Domain lists are collections of domain names for Internet or intranet resources, sometimes referred to as hosted domains, that have been delegated to the GSS for DNS query responses.