Manage Lookup Lists

Important

This page contains information for Distributed Cloud AIP organizations that have migrated to the new Managed Rules functionality. Early access to the new Rules page is available now. Please contact your Customer Success team to request access. For more information, see Managed Rules: More Details.

Lookup lists allow you to reuse a set of values (such as usernames or IP addresses) across rules, filters, and suppressions in your organization. You can use F5 Distributed Cloud App Infrastructure Protection (AIP)'s centrally managed lookup lists and/or create custom lookup lists that are specific to your organization's needs.

For more information, see Lookup Lists Overview.


˄ Create an Unmanaged Lookup List

You can create custom lookup lists with values that are specific to your organization's needs.

1. On the **Rules** page, open the **details drawer** of any rule.
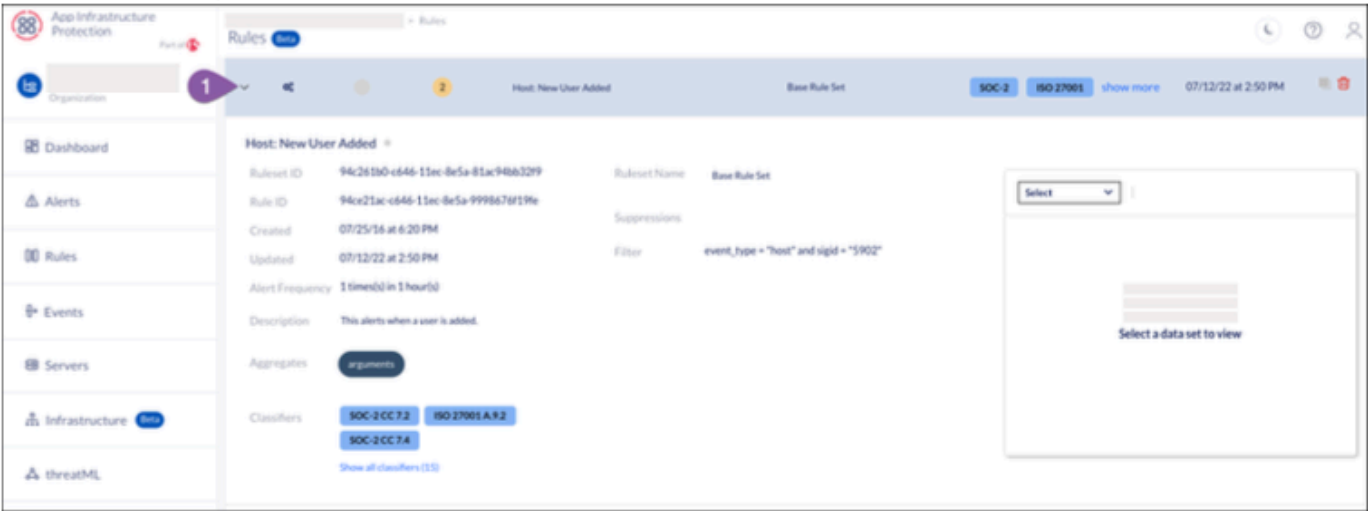
2. On the **Select a data set to view** menu, select **Lookup Lists** from the dropdown menu. A chart of available lookup lists in your organization displays.

3. Click the **+ Add Lookup Lists** button. A new row for your lookup list displays in the chart.
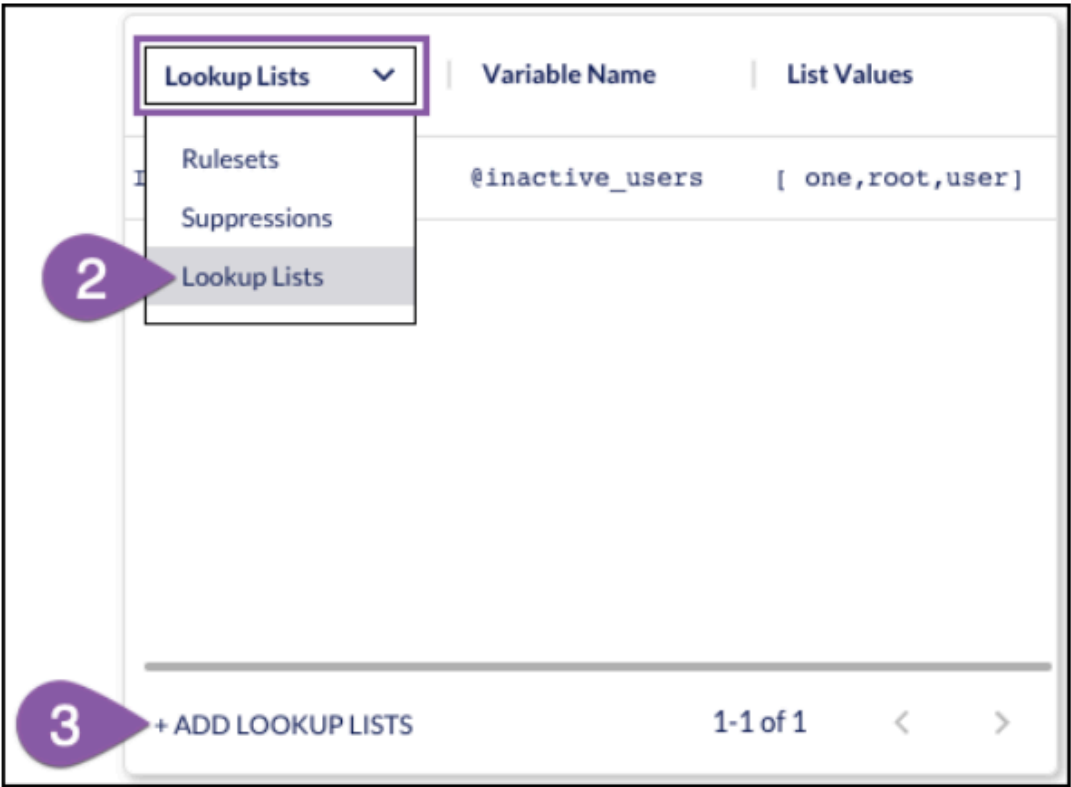
4. Enter a **display name** for the lookup list.

5. Enter a **Variable Name** for the lookup list.
   - The variable name must be unique.

   - Distributed Cloud AIP automatically adds the @ symbol to the beginning of the variable name after you create the list. You do not need to add it manually when you type the list name.

6. Enter the **List Values** for the lookup list. Separate each value with a comma. (Example: `1, 2, 3, a, b`).

  ◦ These values **can** contain special characters, including spaces

Lookup Lists ⌄	Variable Name	List Values
Inactive users	@inactive_users	[one,root,user]
New list	new_list	user, user2, user3

④	⑤	⑥

| + ADD LOOKUP LISTS | 1-2 of 2 | ‹ › |

7. Press the **Enter** key. The lookup list creates.

> **Note**
>
> Once you create the list, you cannot change the variable name, but you can edit the display name and list values. See the **Edit an Unmanaged Lookup List** section below.

⌃ Insert Lookup Lists into Filters and Suppressions

You can insert both managed and unmanaged lookup lists into rule filters and suppressions using the following format: @<variablename>. For more information about filter and suppression query language, see Supported Keys and Operators.

> **Note**
>
> The lookup list variable (@) name is case sensitive.

Example Rule Filter

```
event_type = "login" and user in @AIP_AWSIPRanges
```

In this rule filter, `@AIP_AWSIPRanges` represents a managed lookup list in the organization. The rule looks for IP addresses on a watch list attempting to log into the infrastructure.

Add New Rule

Rule Filter *   Query Language Help ☑

```
event_type = "login" and user in @AIP_AWSIPRanges
```

Example Rule Suppression

```
event_type = "login" and user in @inactive_users
```

In this rule suppression, `@inactive_users` represents an unmanaged lookup list in the organization. When this suppression is attached, the rule does not alert if users on the list attempt to log into the infrastructure.
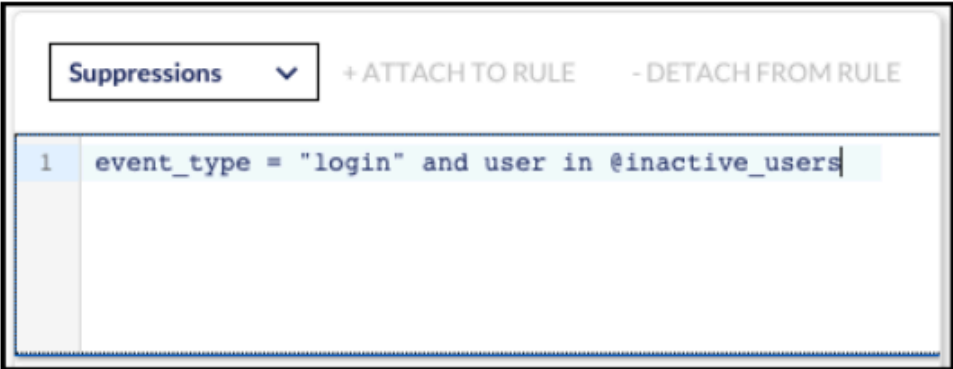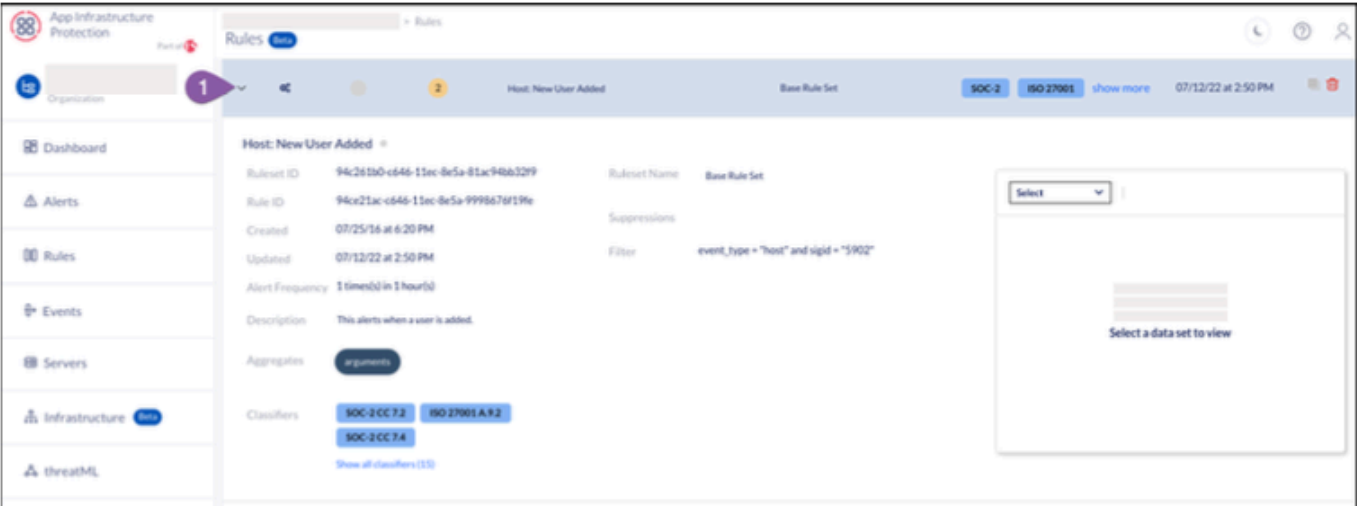

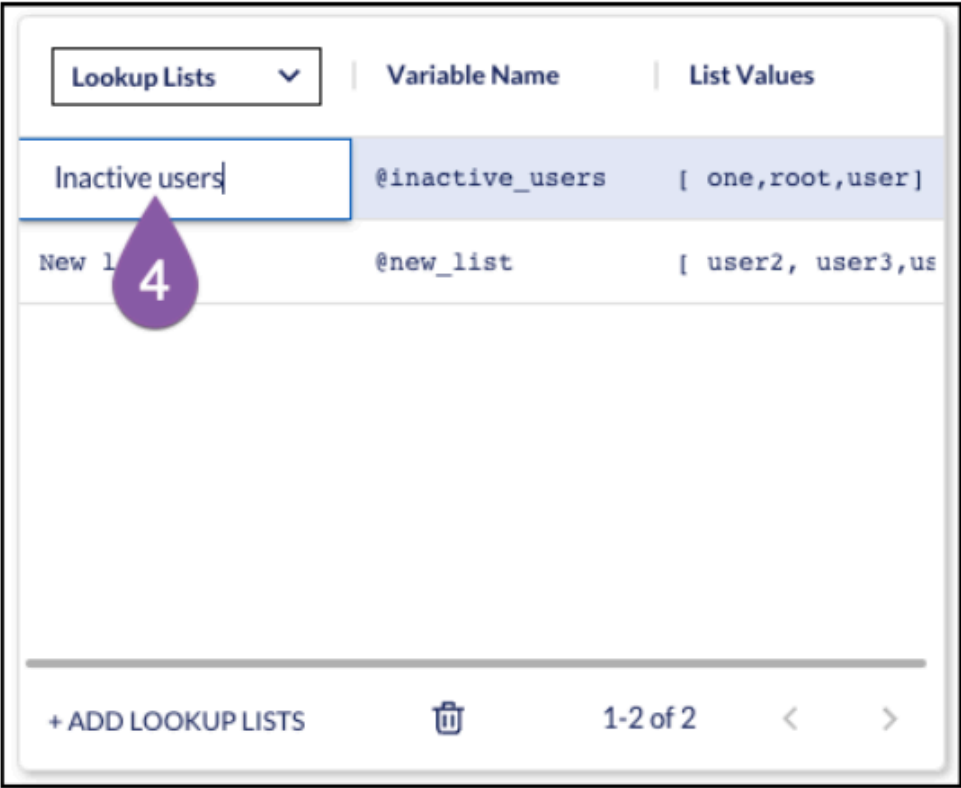## ⌃ Edit an Unmanaged Lookup List

> **Note**
>
> You cannot change the variable (@) name of a list once it is created.

To edit an existing unmanaged lookup list's display name or list values:

1. On the **Rules** page, open the **details drawer** of any rule.

2. On the **Select a data set to view** menu, select **Lookup Lists** from the dropdown menu. A chart of available lookup lists in your organization displays.

3. On the unmanaged lookup list to edit, double click on the text to change.

4. Type the new display name and/or list values.

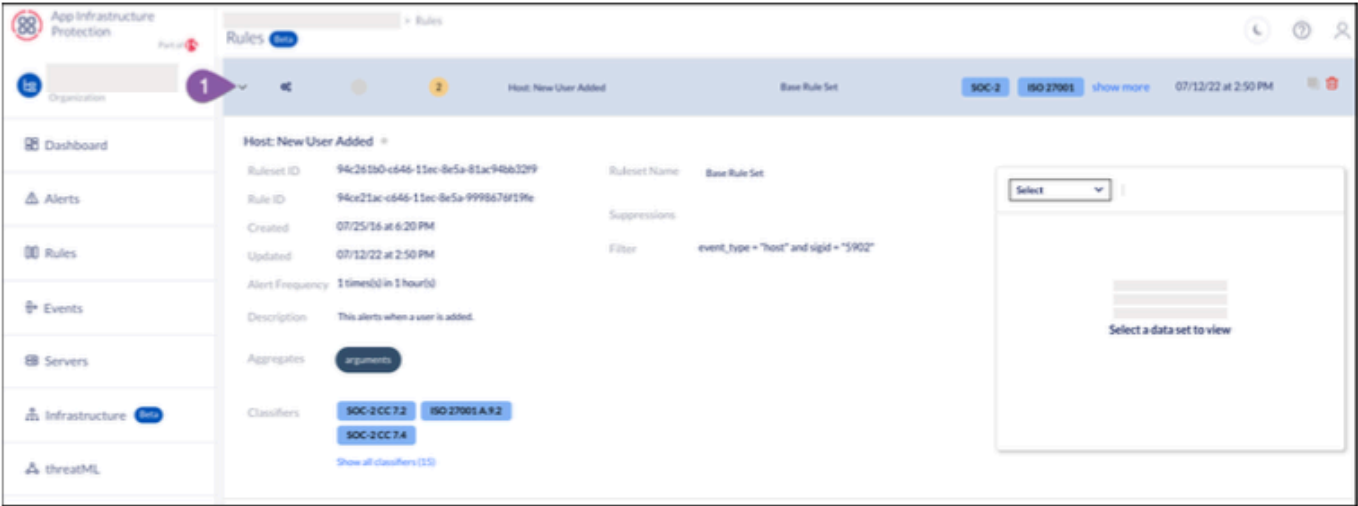5. Press the **Enter** key. The changes to your lookup list save.

⌃ Delete an Unmanaged Lookup List

Deleting an unmanaged lookup list permanently deletes it from your organization.

> **Note**
>
> You cannot delete a managed lookup list from your organization.

1. On the **Rules** page, open the details drawer of any rule.

2. On the **Select a data set to view** menu, select **Lookup Lists** from the dropdown menu. The chart of available lookup lists in your organization displays.

3. Select the unmanaged lookup list to delete.

4. Click the **trash can** icon.

5. On the **Delete selected row?** popup, click **Delete**. The lookup list deletes permanently.