

Configure Prefixes

- Add prefixes, on page 1
- Edit and unlink prefixes, on page 2
- Delete and unsubscribe prefixes, on page 2
- Temporarily suppress prefix notifications, on page 3

Add prefixes

Procedure

Step 1 Choose **External Routing Analytics > Configure > Prefixes**.

Step 2 Click **Subscribe to Prefixes**.

Step 3 Click on one of the following tabs:

- **Manual**—Enter the prefix IP addresses to which you want to subscribe. To add multiple prefixes, enter a comma (,) between each one. You cannot add prefix masks smaller than /8. For example, you cannot add a prefix such as 1.1.0.0/3.
- **ASN Lookup**—Enter an ASN for which you want to search for associated prefixes.
- **CSV Overwrite**—Upload a CSV file that contains prefix information. See Upload a Configuration File for more information.

Step 4 If you selected **Manual** or **ASN Lookup**, after you enter the required information, click **Next**.

Step 5 If you previously created a policy, select a policy to associate to the prefix from the **Policy** drop-down list. See Add Crosswork Cloud Network Insights policies for more information.

Note
You can associate a prefix to *one* policy only.

Step 6 (Optional) Enter meaningful text in the Tags field.

Note
If you have entered more than one prefix, Crosswork Cloud Network Insights applies the policy and tag you specify to all prefixes.

Step 7 Review your changes, then click **Submit** to apply your changes.

Edit and unlink prefixes

You can edit prefixes by adding or deleting tags that are associated with each prefix. You can also remove a prefix from a policy.

Procedure

Step 1 Choose **External Routing Analytics > Monitor > Prefixes**.

Step 2 Click the check box next to one or more prefixes you want to edit, then click **Edit**.

Note
If you selected more than one prefix to edit, Crosswork Cloud Network Insights applies the changes to all selected prefixes.

Step 3 To apply your changes, click **Submit**.

Step 4 To remove a prefix from a policy, select the check box next to one or more prefixes, then click **Unlink**.

Step 5 Confirm that you want to unlink the prefix, then click **Unlink**.

Note
When you unlink a prefix, the prefix stays in the list of prefixes in Crosswork Cloud Network Insights and can be edited, but can no longer be monitored. Alternatively, you can unsubscribe from a prefix, which removes the prefix from Crosswork Cloud Network Insights. See Delete and unsubscribe prefixes, on page 2 for more information.

Delete and unsubscribe prefixes

Before you delete prefixes, we recommend that you export and save your current configuration. See Download a Configuration File.

You can unlink a prefix, which keeps the prefix in the list of prefixes, but doesn't allow you to monitor or edit the prefix. Alternatively, you can unsubscribe from a prefix, which removes the prefix. The following steps explain how to unsubscribe a prefix.

Procedure

Step 1 Choose **External Routing Analytics > Configuration > Prefixes**.

Step 2 Click the check box next to the prefix you want to delete, then click **Unsubscribe**.

Step 3 In the confirmation dialog box, click **Unsubscribe**.

Temporarily suppress prefix notifications

You can temporarily suppress prefix alarm notifications that are triggered by a linked policy violation. For example, you might not want to receive alarm notifications during a network maintenance operation. Rather than unsubscribing and then linking the prefix back to the policy later, you can "snooze" a prefix for a set amount of time.

Important notes when snoozing a prefix

- You can snooze a subscribed prefix for up to three months.
- Crosswork Cloud Network Insights does not send alarm notifications for a snoozed prefix when a violation occurs in an associated policy.
- Alarms do not appear in the **Active** alarms page. However, they will appear in the **Snoozed** alarms page and continue to appear in the **History** alarms page.
- Crosswork Cloud Network Insights will send a cleared alarm notification if the following conditions are met:
  - The alarm was active before the prefix was snoozed.
  - The alarm was cleared while the prefix was snoozed.



Note Crosswork Cloud Network Insights will not send any further alarm notifications until the prefix resumes.

- After the prefix resumes:
  - Crosswork Cloud Network Insights will not send alarm notifications that were previously suppressed if they were cleared before the prefix resumes.
  - Crosswork Cloud Network Insights sends active alarm notifications that were previously suppressed if they are still in active state.

Procedure

Step 1 Choose **External Routing Analytics** > **Configure** > **Policies** > ***Policy-name*** and click the **Prefixes** tab.

Step 2 Select the check box next to one or more prefixes that you want to temporarily pause notifications for.

Step 3 Click **Snooze**.

Step 4 From the **Snooze Duration**drop-down list, choose the time range (1 week, 1 month, 2 months, or 3 months) for which you want to suspend notifications for this prefix.

Step 5 Click **Snooze**. The prefix Status column displays **Snoozed** and the Snoozed until column shows the date and time when the prefix will resume. To resume a snoozed prefix, check the check box next to the prefix and click **Unsnooze**.