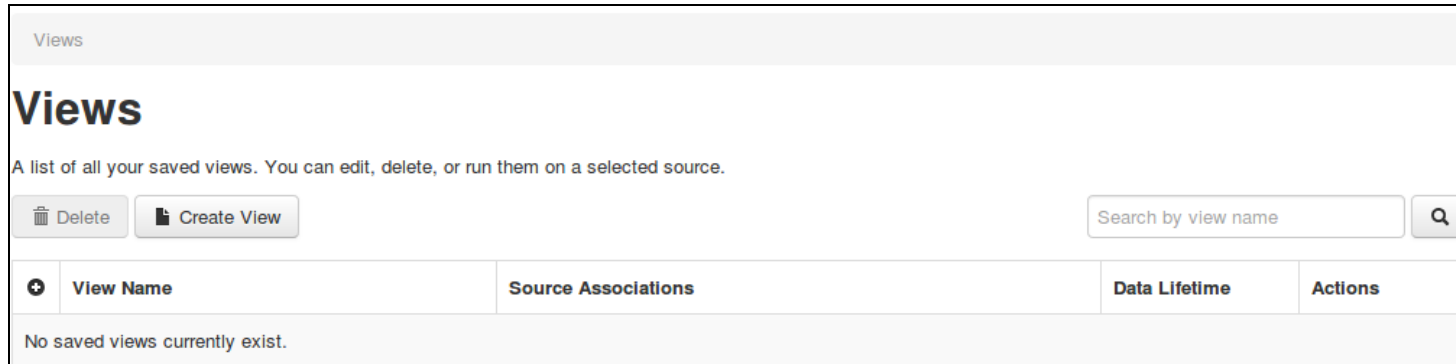# Using Views in Nagios Network Analyzer 2024

What Is A View?

When you create a Source, you define a data lifetime for how long you want to retain the granular flow data (for example 24 hours). Applying a View to the Source allows you to retain the granular flow data for a longer period than what is defined on the Source. An example is when you want to retain data for your web server traffic. Create a View for port 80 and set the data lifetime to 30 days. This will retain data for port 80 for 30 days even if the data lifetime for the Source is set to 24 hours.

The Views Menu

On the navigation bar select **Views**.

Creating A View

1. To create a new View click the Create View button.

Create View

Views are used to specify specific data retention settings (explain) for a select ip or port for a different amount of time than the actual source.

Name: Port 80

Limiter: port 80

Data Lifetime: 16 Weeks

Cancel   Create

2. Provide a Name for the View.

3. Define a Limiter for the View. This can be a specific IP address, port, or a combination of the two using an 'and'. For example:

ip 10.25.254.50

port 80

ip 10.25.254.50 and port 80

4. Select the Data Lifetime that you would like the View to retain granular flow data for.

> By choosing certain IP's or Ports, you can change the data lifetime for that specific view, this will differ from your the data lifetime set at the Source.

The limiter syntax is the same used for queries, this is explained in the

[Understanding And Using Custom Queries In Network Analyzer](#) documentation.

5. When finished click Create. You will see the new view added to the Views page.

⊕	View Name	Source Associations	Data Lifetime	Actions
☐	Port 80	None (Add)	16 Weeks	Edit • Delete

At this point the View is doing nothing because it has not been associated with a Source, this will be explained next.

NAGIOS

Associate View To A Source

1. Once the View is created, you need to associate at least one Source to the View. Click on the Add link under the Source Associations column.

2. Select Source(s) in the left pane and add them to the right pane using the arrow buttons in the middle.

3. Click Save when done.

Once saved this will be reflected in the Source Associations column.

⊕	View Name	Source Associations	Data Lifetime	Actions
☐	Port 80	pfSense IPv4, pfSense IPv6 (Change)	16 Weeks	Edit • Delete

An alternate method of associating a View with a source is via the Manage Views link on a Source page.

Here you can click the Associate link and it will associate the View with the Source.

The View will now appear on the left under Associated.

Once the View has been associated, a separate directory for the view will be created in the Source folder, for example /usr/local/nagiosna/var/pfSenseIPv4/views/Port80 (for each Source it has been associated with).
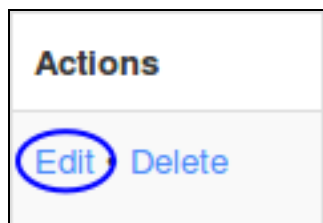
Using The View

On the Source page, clicking on the Source Name will bring up the details page of the Source with the Summary tab selected by default. Use the Display View drop down list to select the View. It will take at least 15 minutes before graph appears and 5 minutes before any data appears under the Top 5 Talkers. Here is the View after it has been running for two hours:
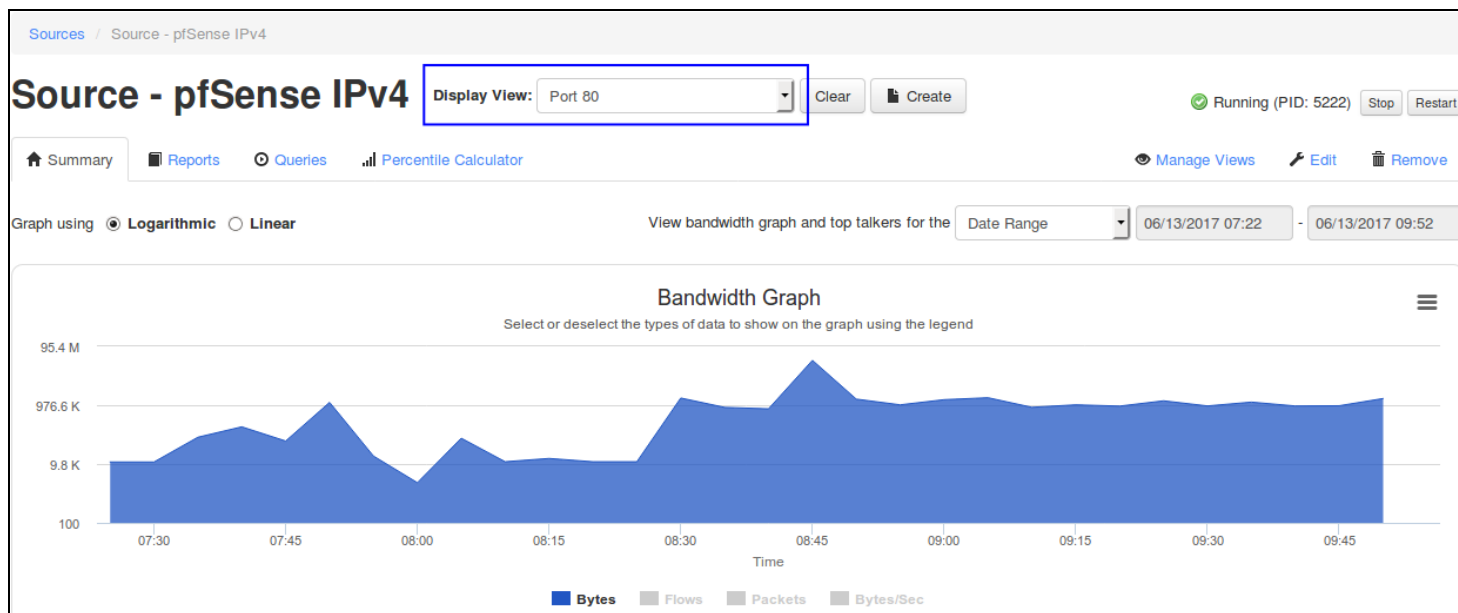
When you have selected a View, the Summary, Reports, Queries and Percentile Calculator tabs will display the data that is specific to that the View.
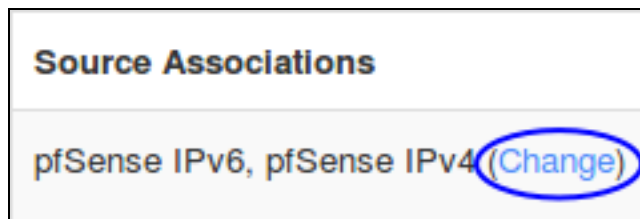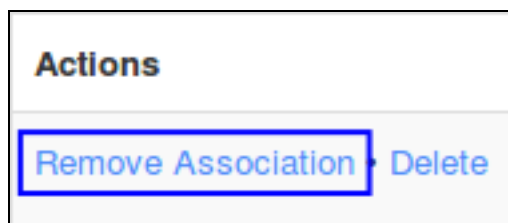
Editing A View

Editing a View can be done when on the Views page. Click the Edit link in the Actions column and the options that can be updated will be presented. These options are identical to when creating the View and hence will not be explained here.

Remove Association

Removing the association of a View to a Source is a destructive process, all data relating to the View will be lost. Only View data for the Source you are removing the association from will be lost. Removing an Association can be done:
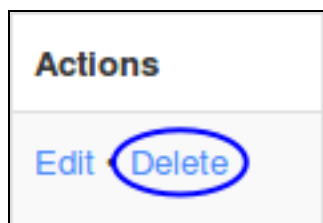

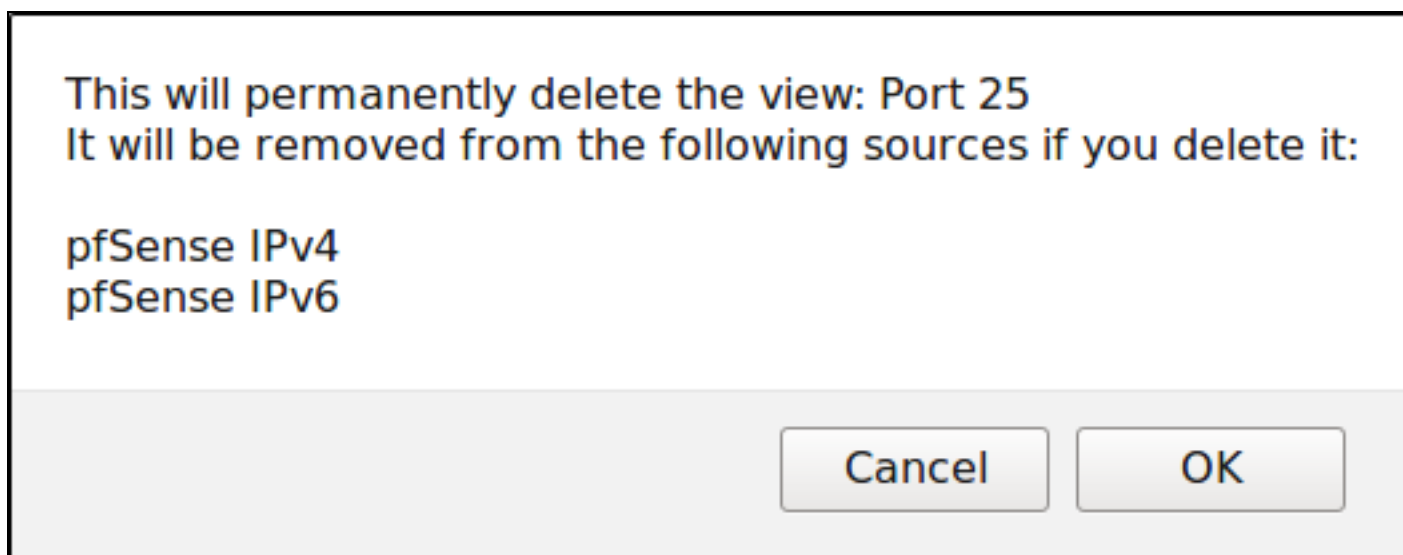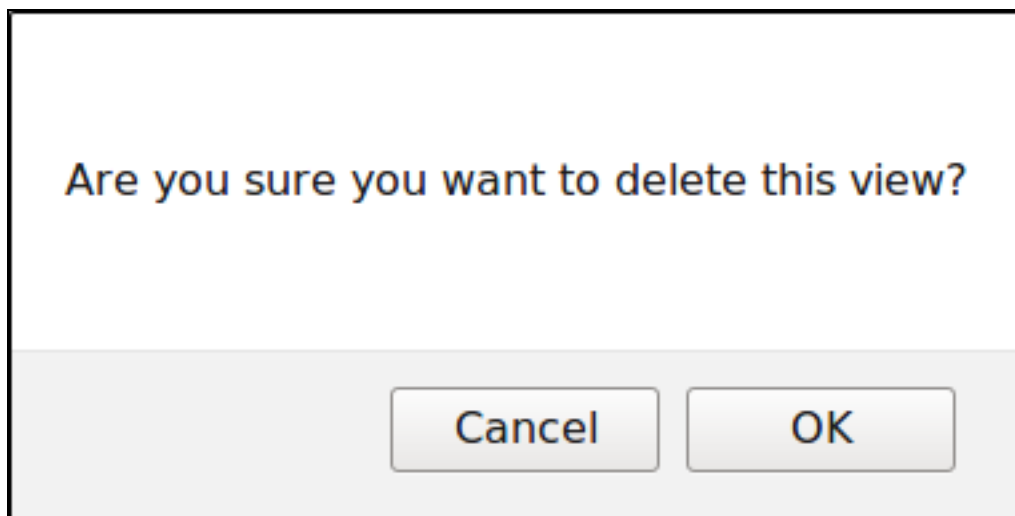
On the main View page using the Change link.

On the selected Source page, via the Manage Views tab by clicking the Remove Association link on the left side of the screen.

Deleting A View

Deleting a View is a destructive process and all data relating to the View will be lost. Deleting a View can be done when on the Views page. Click the Delete link in the Actions column and you will be prompted to confirm the delete.

Nagios

Are you sure you want to delete this view?

Cancel   OK

This will permanently delete the view: Port 25
It will be removed from the following sources if you delete it:

pfSense IPv4
pfSense IPv6

Cancel   OK

If the View is associated with Source(s) you will be prompted again to confirm the delete.