

Using Dashboards In Nagios Fusion 2026R2

Purpose

This document describes how to create and manage Dashboards in Nagios Fusion 2026R2.

Dashboards Overview

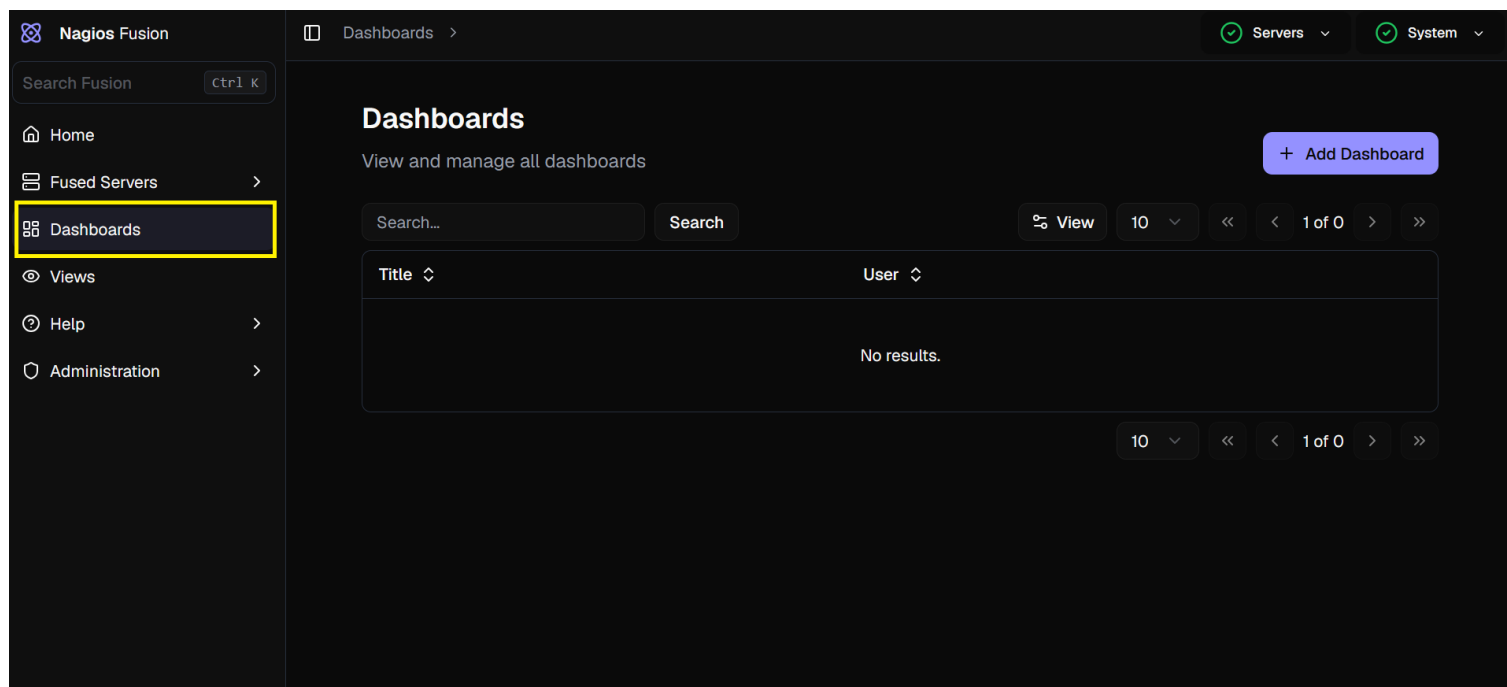
Dashboards are a powerful feature of Nagios Fusion designed to provide you with customized visual information. Dashboards are often used to display important, relevant information where it is needed most, and can be combined in rotating Views displays.

Dashboards are specific to individual Nagios Fusion users, but can be shared globally. Each user can create their own unique set of dashboards to customize Nagios Fusion to fit their needs, and users with the necessary permissions can see and manage dashboards across users.

Accessing Dashboards

A Fusion dashboard is comprised of one or more *dashlets*. When you create a dashboard, it is empty until you add dashlets. Let's start with creating a dashboard.

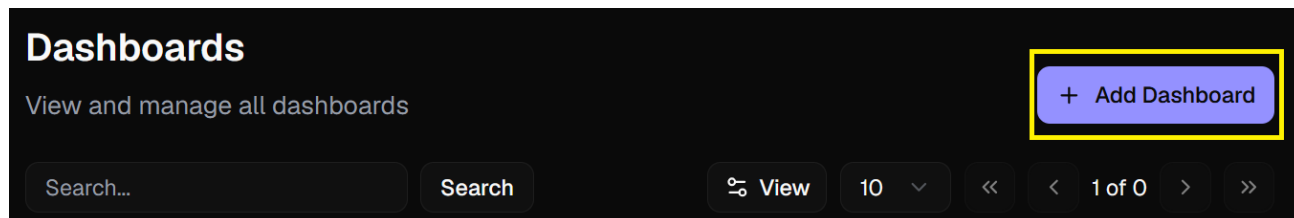
To access Dashboards, select the **Dashboards** in the lefthand main menu bar:



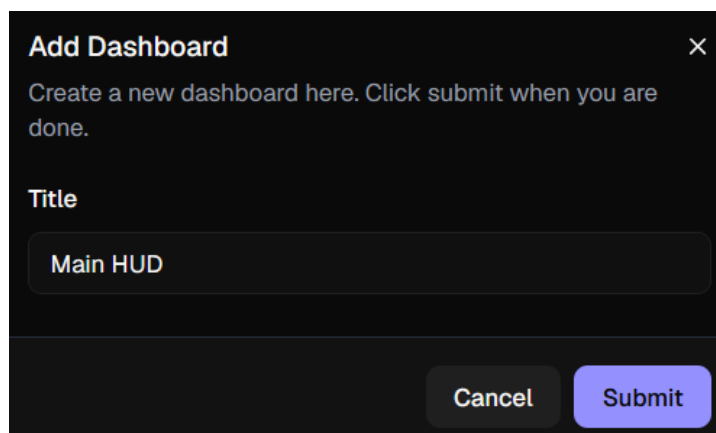
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Creating Dashboards

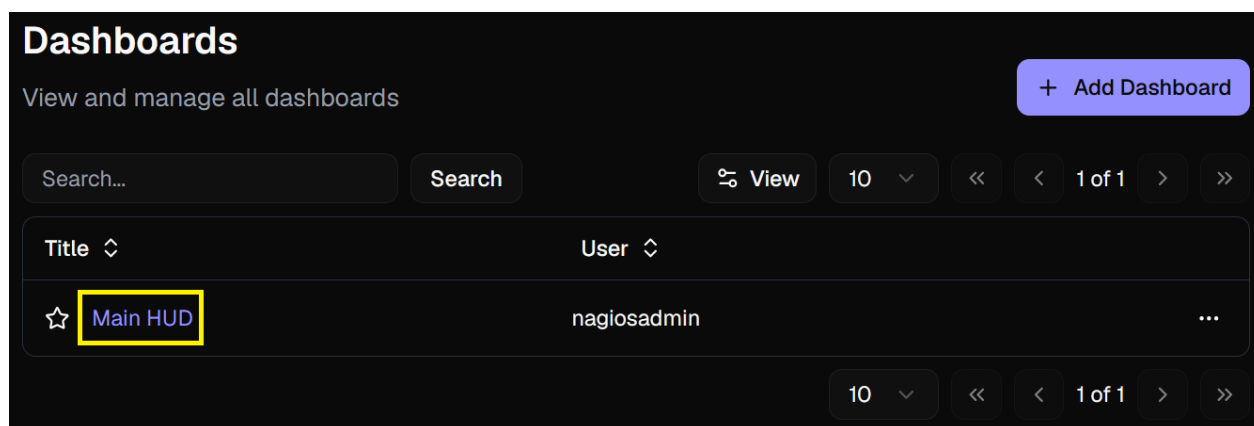
1. To create a new Dashboard, click **+ Add Dashboard** on the upper right.



2. The **Add a Dashboard** screen will appear. Enter a Title, then click **Submit**:

A screenshot of the 'Add Dashboard' modal window. The title 'Add Dashboard' is at the top left, and a close button 'X' is at the top right. Below the title is the instruction 'Create a new dashboard here. Click submit when you are done.' Underneath is a 'Title' label followed by a text input field containing the text 'Main HUD'. At the bottom of the modal, there are two buttons: 'Cancel' and 'Submit'.

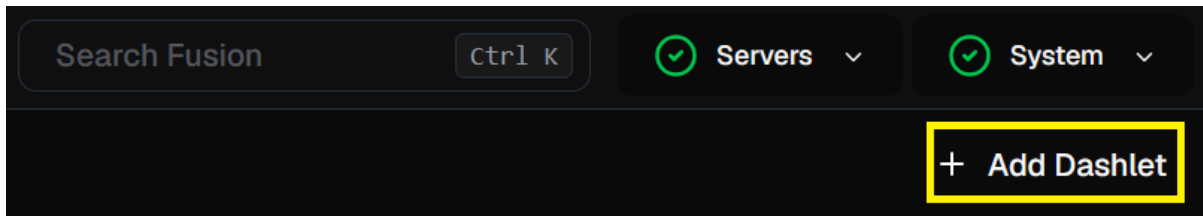
3. Once the dashboard has been created, it will appear on the page. Clicking the dashboard name will reveal an empty dashboard:



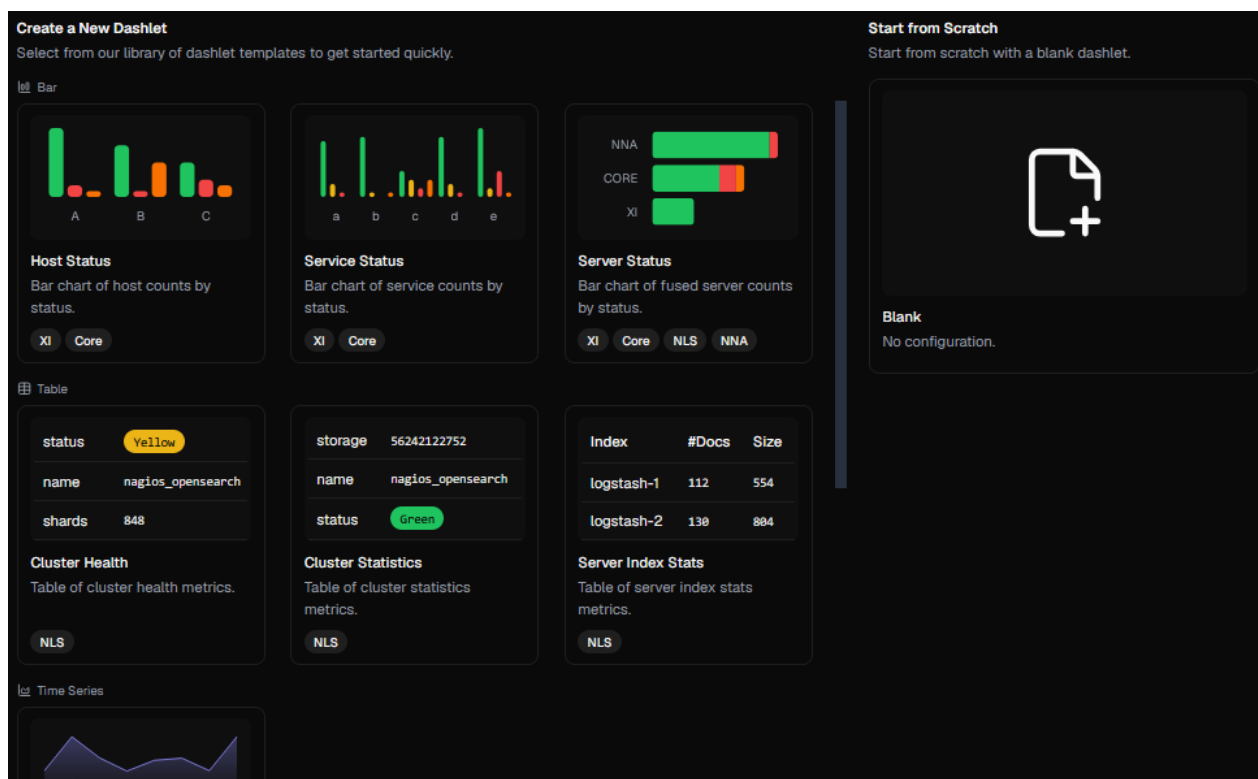
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Adding Dashlets

To add a dashlet, navigate to the target dashboard, then click **+ Add Dashlet** on the upper right:



Next, choose either a template from the **Create a New Dashlet** section on the left, or **Blank** in the **Start From Scratch** section on the right if you'd like to fully customize a blank dashlet.



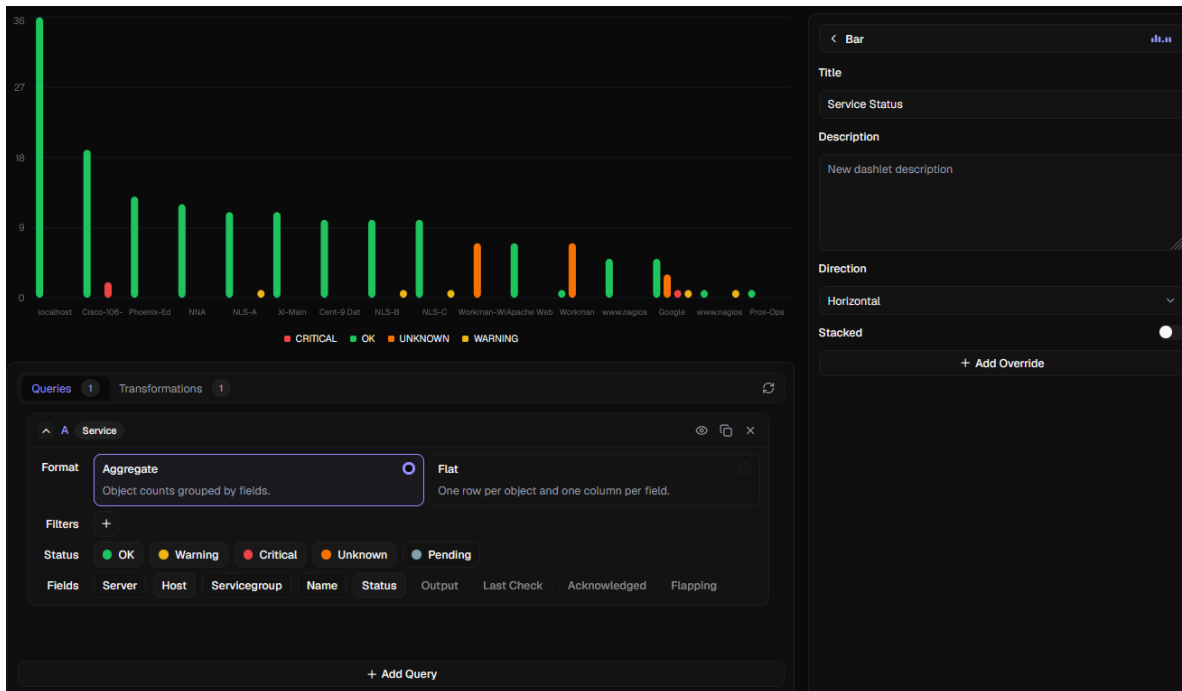
The template options are a great starting point, providing immediate results as long as there is relevant data being collected by Fusion. For example, as long as you have fused Nagios Core or Nagios XI servers, you'll see results if you choose the Host Status or Service Status template.

The templates can also be used to help you understand how the wide variety of dashlet options can be used together to create different types of dashlets.

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Using a Template

We'll use the Service Status template as a starting example. After initial selection, it will look something like this:

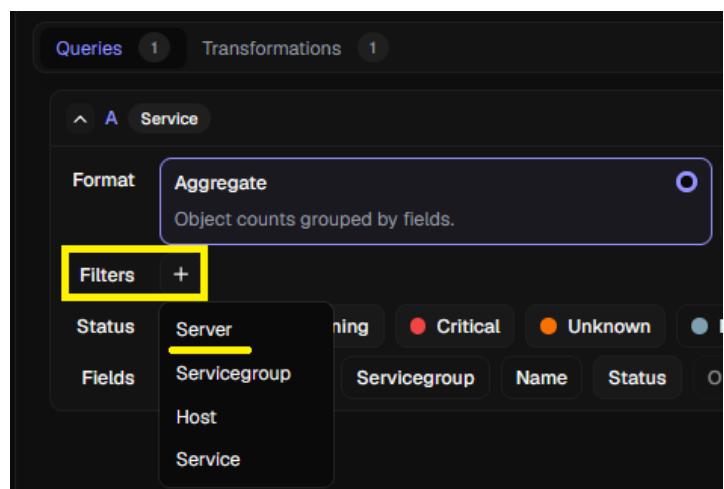


In the Queries section underneath the dashlet preview, you'll see a Service query is added. Queries are used to determine the data your dashlet will show.

By default, the dashlet is showing all services across all fused Nagios Core and XI servers.

If you wanted to narrow it down to only services on a particular Nagios server, you could click the **+** in the **Filters** section of the query, then select Server, and choose the target server.

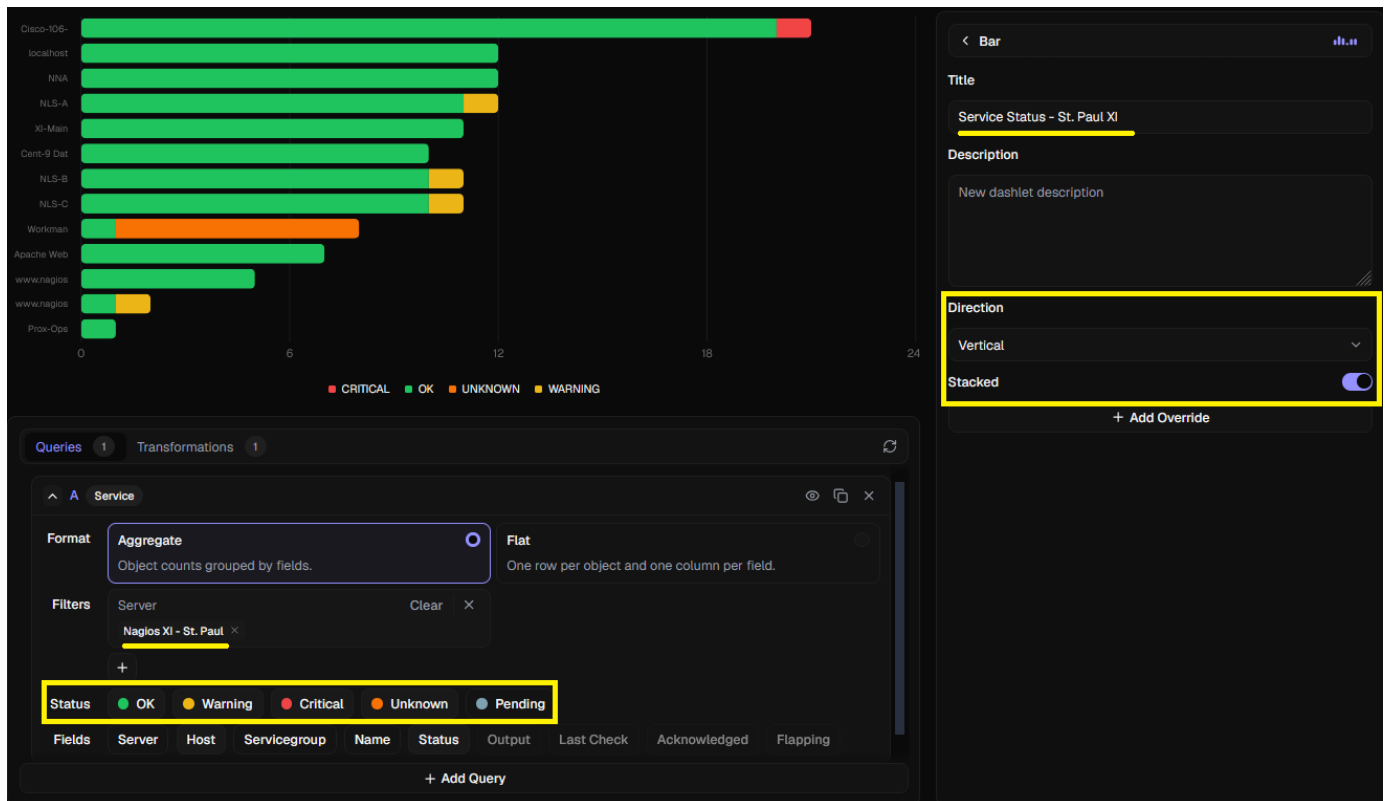
We'll select our *Nagios XI - St.Paul* server.



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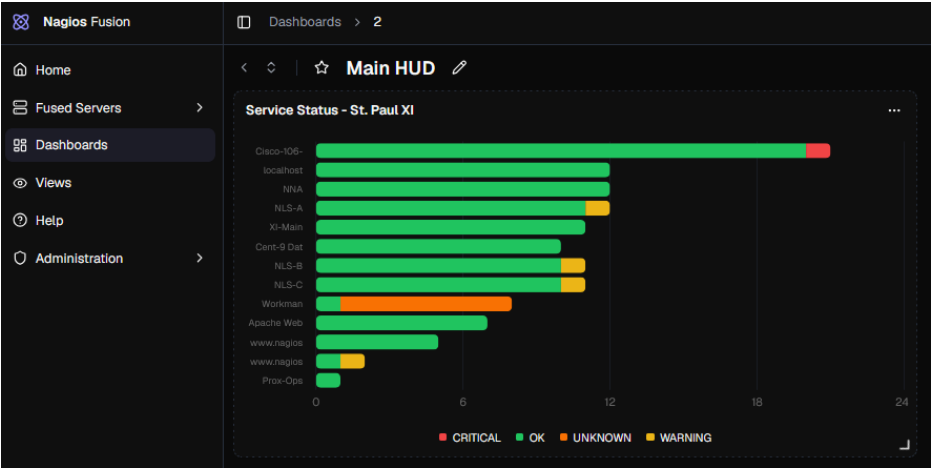
Let's make a few other quick changes:

- Since this dashlet reflects service status from a single Nagios XI server, we'll update the **Title** to *Service Status - St. Paul XI*
- You can use the buttons in the **Status** section to choose whether or not to show certain status types. In this example, *Pending* is de-selected, so will not show.
- You may also want to stack the color-coded bars so that there is only a single bar for each host. To do so, simply toggle **Stacked** on the right to *on*.
- As a final change, we'll change the **Direction** on the right from *Horizontal* to *Vertical* to flip the bars sideways.



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After making our changes and clicking **Submit** on the bottom right, our dashlet appears on the Dashboard.



Making Custom Dashlets From Scratch

When you choose the Blank dashlet option, you are presented with a clean slate. The Table dashlet type is pre-selected, and provides a great starting point for learning how the choices you make effect the data that is displayed, and its structure.

Let's create a custom Table dashlet showing the last 10 most recent alerts from across all of our fused servers, from the last hour. Our final objective is to make a dashlet like this:

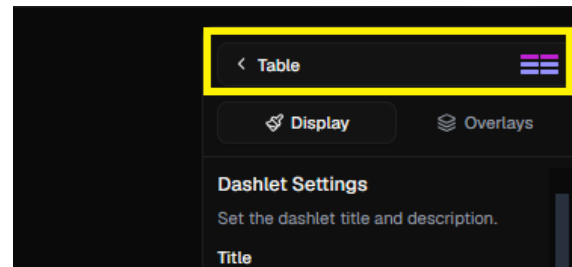
Last 10 Alerts - All Servers		
name	Last Status	output
Cisco-106-Bemidji 22 Status	Uh-oh	Port 22 Down
3300109 - curl user agent	All is well	Suricata alerts: 0 'alert_count'=0alerts;2;10
Failed SSH Logins	All is well	OK: 0 matching entries found logs=0;3;1000
Apache Errors	OH NO!!!	CRITICAL: 150 matching entries found logs=150;10;50
2024364 - NMAP!	OH NO!!!	Suricata alerts: 55 'alert_count'=55alerts;1;10
Windows Failed Logins	All is well	OK: 0 matching entries found logs=0;1;5
Failed SSH Logins	Uh-oh	WARNING: 50 matching entries found logs=50;3;1000
2024364 - NMAP!	OH NO!!!	Suricata alerts: 55 'alert_count'=55alerts;1;10
Windows Failed Logins	All is well	OK: 0 matching entries found logs=0;1;5
Failed SSH Logins	All is well	OK: 0 matching entries found logs=0;3;1000

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Key Dashlet Options

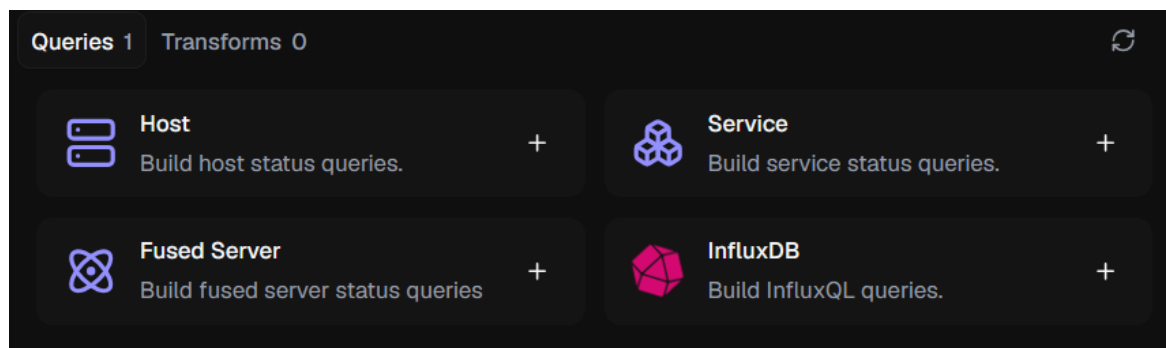
Before we dive into creating our example dashlet, a quick overview of key options and terms you'll see in the Blank option:

The dashlet **Shape** selector on the upper right determines with the visual style of the dashlet. Options include *Time Series*, *Bar*, *Table*, and *Pie*.

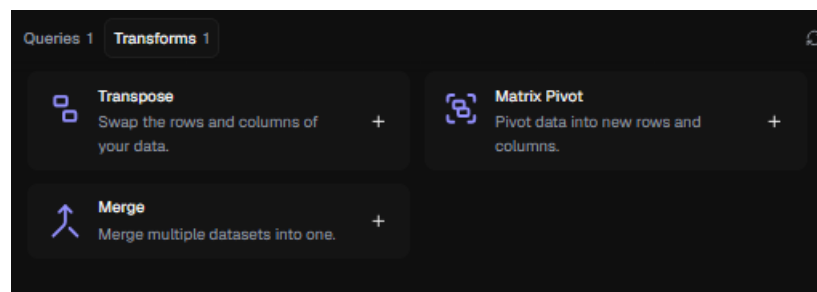


- **Queries** determine what information you want your dashlet to display.

Options include Host, Service, Fused Server, and InfluxDB.



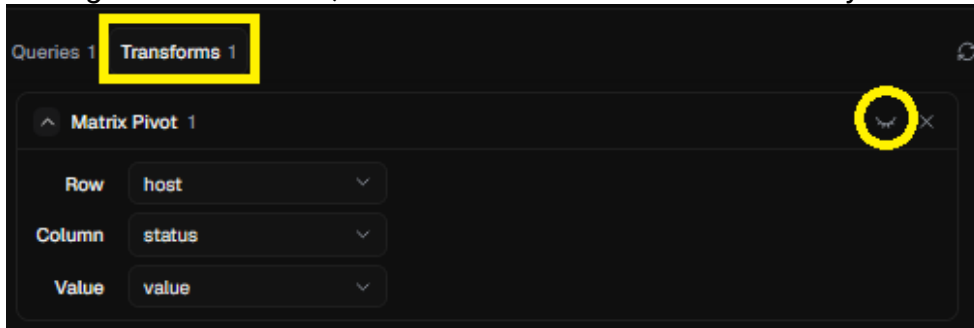
- **Transforms** enable you to swap, pivot, and merge data from your queries.



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A great way to visualize the effect of the *Matrix Pivot* Transform is to create a Service Status dashlet from the Template options.

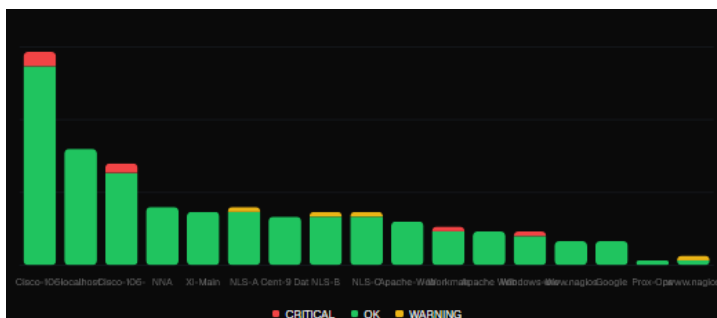
Then go to **Transforms**, and hide the Matrix Pivot with the eye icon:



Without Matrix Pivot



With Matrix Pivot



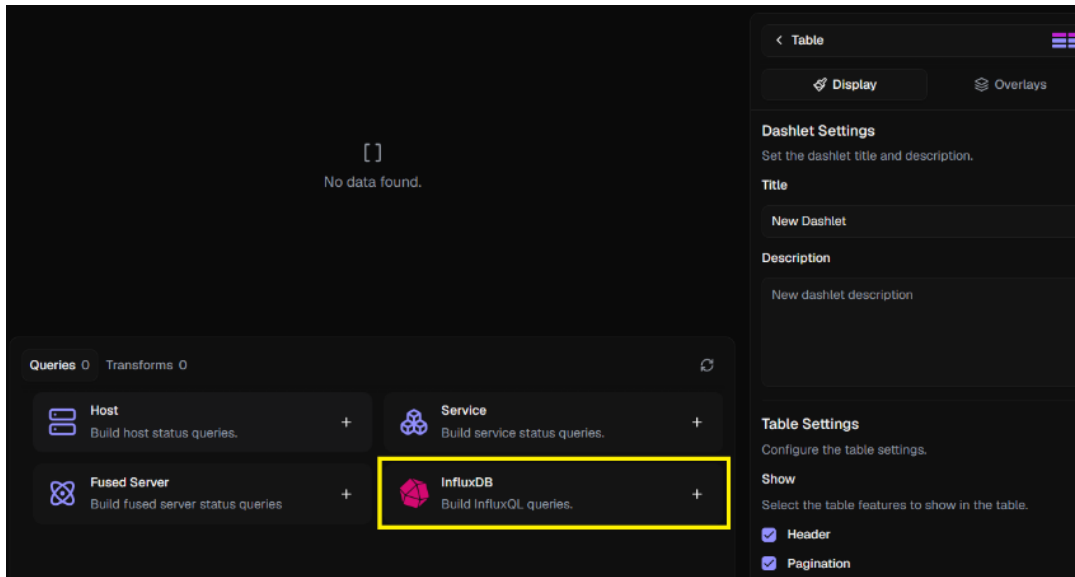
- **Overlays** provide a way to customize the display of the dashlet, modifying things like the fonts, colors, and text, and adding badges, for specific displayed values.

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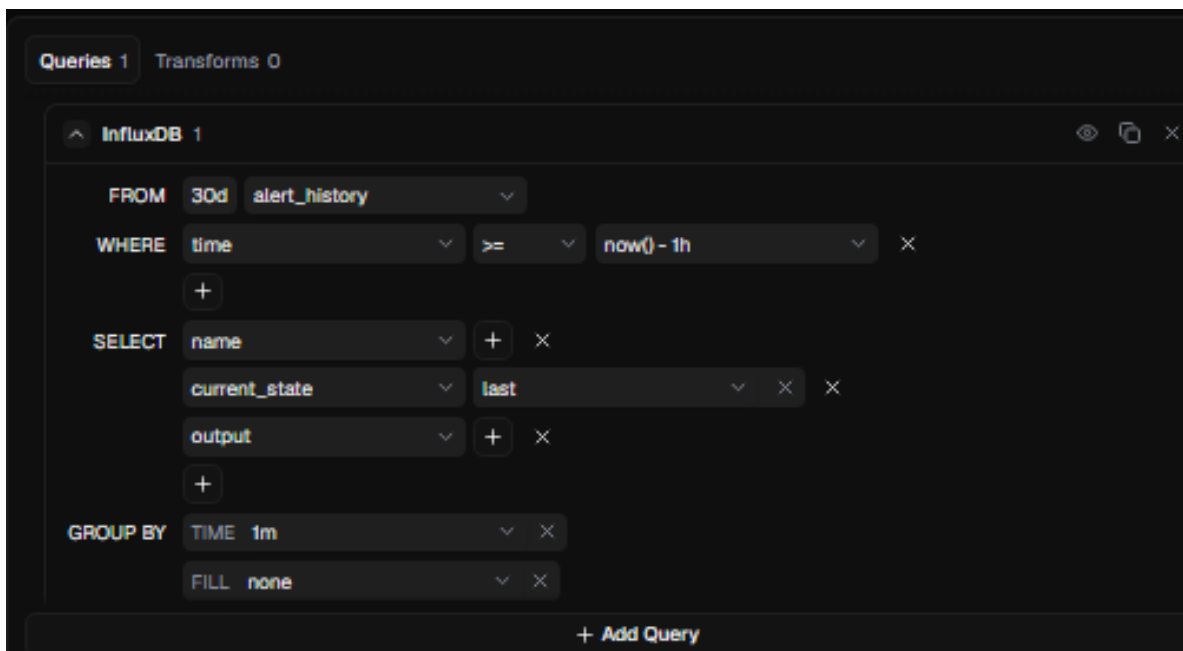
An Example Custom Dashlet

To begin, we'll navigate to a dashboard, click **+ Add Dashlet**, and choose the *Blank* option in the **Start from Scratch** section on the right.

Next, click **+ Add Query** in the **Queries** section, and select *InfluxDB*.



The settings shown here can be used to create our target dashlet:



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FROM: We've chosen `alert_history`, since our goal is to create a dashlet showing the latest alerts.

WHERE: `time >= now() - 1h` will narrow the results shown to only those within the last hour. This can be modified as needed to reflect more hours (eg `now() - 3h`), or even days (eg `now() - 2d`).

SELECT: Here we've chosen `name` to show the name of the alert, `current_state:last` to show the most recent state for each alert, output to include the alert output. As you add items to SELECT, you'll notice new columns appearing in the preview window.

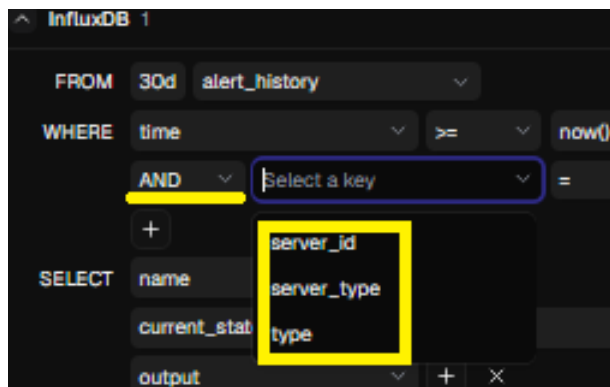
GROUP BY: `TIME : 1m` will group the entries in 1 minute blocks, ensuring that our dashlet reflects up-to-the-minute results. `FILL : none` will stop time periods during which no new results were received for the alerts those 1 minute blocks from displaying.

With those settings, your preview window will look something like this:

time	name	last	output
1787944200000	Windows Failed Logins	OK	OK: 0 matching entries found logs=0;1;5
1787944380000	Failed SSH Logins	WARNING	WARNING: 50 matching entries found log
1787944440000	Apache Errors	CRITICAL	CRITICAL: 200 matching entries found lo
1787944500000	Windows Failed Logins	OK	OK: 0 matching entries found logs=0;1;5
1787944680000	Failed SSH Logins	WARNING	WARNING: 100 matching entries found lc
1787944740000	Apache Errors	CRITICAL	CRITICAL: 250 matching entries found lo
1787944800000	Windows Failed Logins	OK	OK: 0 matching entries found logs=0;1;5

Queries 1 Transforms 0

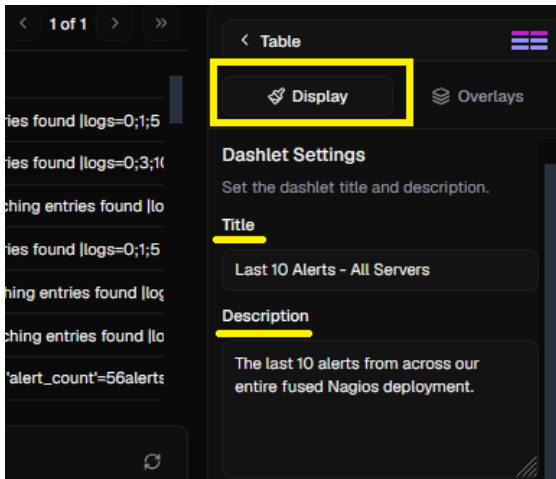
Note that if you only wanted to show alerts from a particular individual or subset of your fused servers, you could use ANDs and ORs in the WHERE section of your query to select specific `server_ids` or `types`.



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Now, we'll move to the section on the right, and customize the **Display** tab.

We'll start by giving the dashlet a custom Title, and adding a Description. Note that only the Title will show on the dashlet when viewed on a Dashboard.

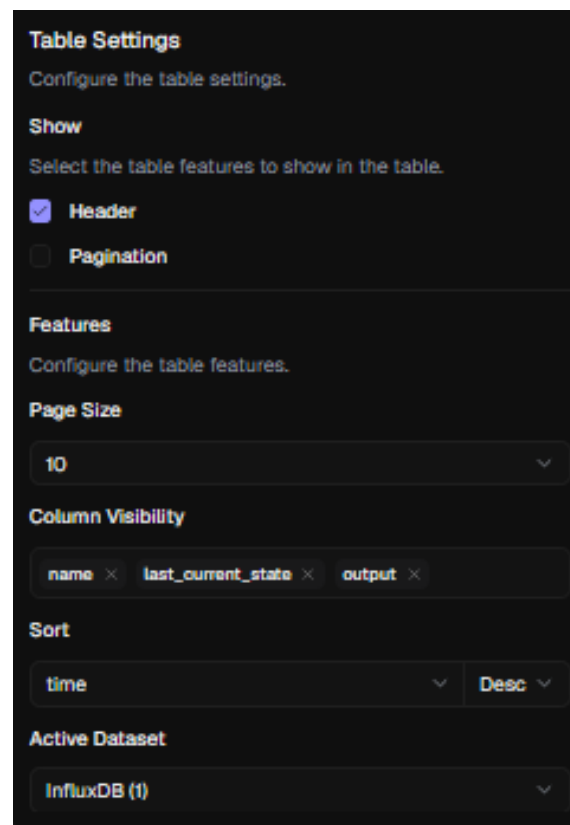


Lower down in the Display tab, we'll customize our **Table Settings** section:

Show: here we'll leave *Header* checked, but unchecked *Pagination*. Since this will be set to show only the last 10 results (via the Page Size setting), pagination won't be required. If your table is likely to show a large number of results, Pagination is useful.

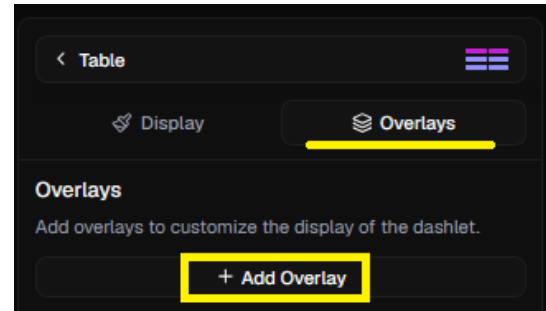
Features: here we'll change **Page Size** to 10, and remove *time* from the Column Visibility.

We'll also change the **Sort** to *Time: Desc* so that the results shown are shown in descending order from the latest result at the top to earliest at the bottom.

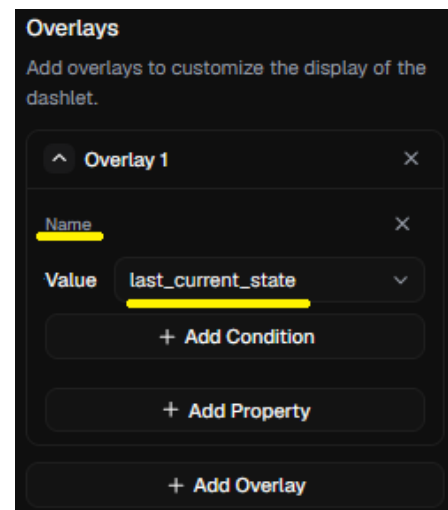


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Finally, we'll move to the **Overlays** tab, and add some finishing touches. Click **+ Add Overlay** to create one.



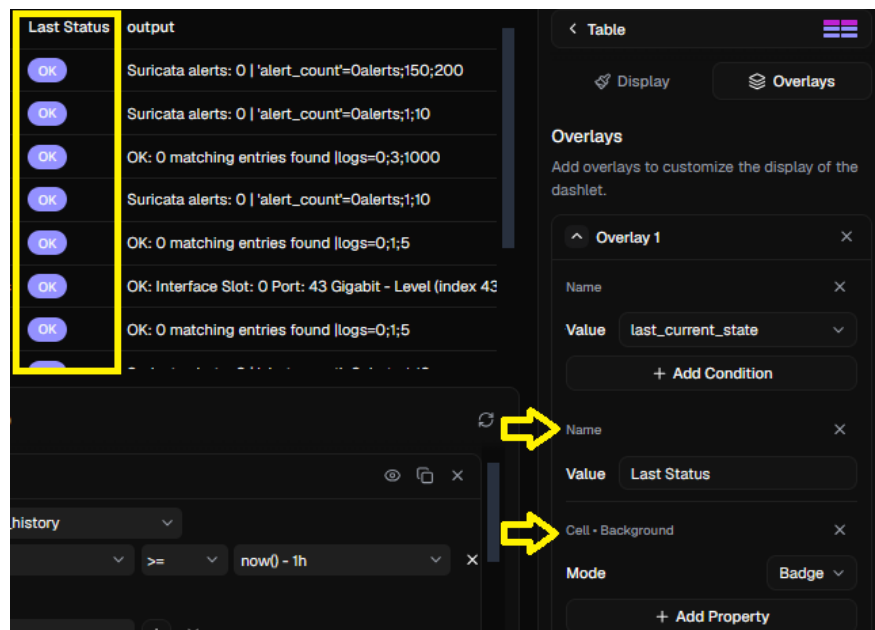
Our focus will be on the `last_current_state` column. Add a **Condition**, select **Name** from the initial dropdown, then select `last_current_state` from the Value dropdown.



Now, we'll click **+ Add Property**, choose **Name**, and make the New field name "Last Status".

We'll also add a second Cell Background Mapping and choose the *Badge* Mode.

You'll see that the column is now labelled **Last Status** in the preview window, and the text is surrounded by a badge.



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As a final change, let's customize the status results shown. Click **+ Add Property** again, and choose *Mappings*.

Then click **+ Add Mapping** three times, to add three new mappings. For this example we'll have a little fun, and choose the following options:

OK : All is well (green)

WARNING : Uh-oh (orange)

CRITICAL : OH NO!!! (red)

You'll now see your changes in the preview window.

The screenshot displays the Nagios Fusion dashboard configuration interface. On the left, a table titled 'Last Status' shows the output of a query. The table has two columns: 'Last Status' and 'output'. The 'Last Status' column contains status badges (OH NO!!!, Uh-oh, All is well) and the 'output' column contains the corresponding log messages. Below the table, there is a search bar and a filter section. On the right, a configuration panel for the 'Last Status' property is shown. The panel includes a 'Value' dropdown set to 'last_current_state', a '+ Add Condition' button, and a 'Mode' dropdown set to 'Badge'. A yellow box highlights the 'Mappings' section, which contains three mappings: 'OK' mapped to 'All is well' with a green circle, 'WARNING' mapped to 'Uh-oh' with an orange circle, and 'CRITICAL' mapped to 'OH NO!!!' with a red circle. A '+ Add Mapping' button is located at the bottom of the mappings section.

Last Status	output
OH NO!!!	Suricata alerts: 55 'alert_count'=55alerts;1;10
OH NO!!!	Suricata alerts: 55 'alert_count'=55alerts;1;10
All is well	OK: 0 matching entries found logs=0;1;5
Uh-oh	WARNING: 100 matching entries found logs=100;3;1000
OH NO!!!	Suricata alerts: 55 'alert_count'=55alerts;1;10
All is well	OK: 0 matching entries found logs=0;1;5
All is well	OK: 0 matching entries found logs=0;3;1000

ms 0

alert_history

>= now() - 1h

+ Add Mapping

Table

Display Overlays

Value last_current_state

+ Add Condition

Name

Value Last Status

Cell - Background

Mode Badge

Mappings

OK	All is well	Green Circle	X
WARNING	Uh-oh	Orange Circle	X
CRITICAL	OH NO!!!	Red Circle	X

+ Add Mapping

Click **Submit** on the bottom right to create your dashlet.

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You'll now have a dashlet like this on your Dashboard:

Last 10 Alerts - All Servers		
name	Last Status	output
Cisco-106-Bemidji 22 Status	Uh-oh	Port 22 Down
3300109 - curl user agent	All is well	Suricata alerts: 0 'alert_count'=0alerts;2;10
Failed SSH Logins	All is well	OK: 0 matching entries found logs=0;3;1000
Apache Errors	OH NO!!!	CRITICAL: 150 matching entries found logs=150;10;50
2024364 - NMAP!	OH NO!!!	Suricata alerts: 55 'alert_count'=55alerts;1;10
Windows Failed Logins	All is well	OK: 0 matching entries found logs=0;1;5
Failed SSH Logins	Uh-oh	WARNING: 50 matching entries found logs=50;3;1000
2024364 - NMAP!	OH NO!!!	Suricata alerts: 55 'alert_count'=55alerts;1;10
Windows Failed Logins	All is well	OK: 0 matching entries found logs=0;1;5
Failed SSH Logins	All is well	OK: 0 matching entries found logs=0;3;1000

Managing Dashboards

Editing, Deleting, and setting a Default Dashboard

If you haven't chosen a default dashboard, dashboard management can be handled in the top level of the Dashboards menu. Here you can *Edit*, *Delete*, and *Set Default* with the **Actions** dropdown.

You can also make a dashboard your default by clicking the star on the left.

Dashboards
View and manage all dashboards

+ Add Dashboard

Search... Search View 10 << < 1 of 1 > >>

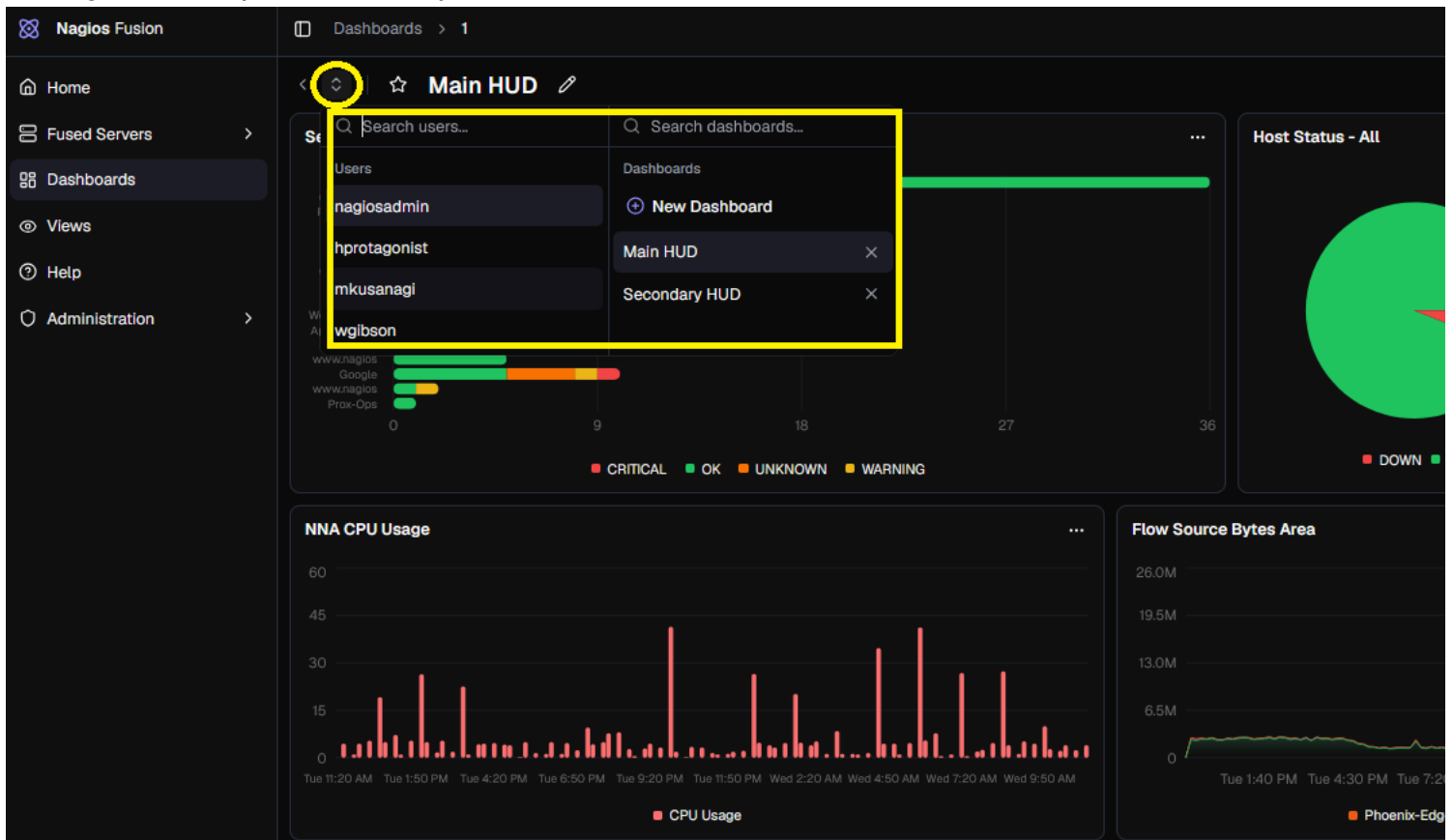
Title	User	
☆ Main HUD	nagiosadmin	...

10 <<

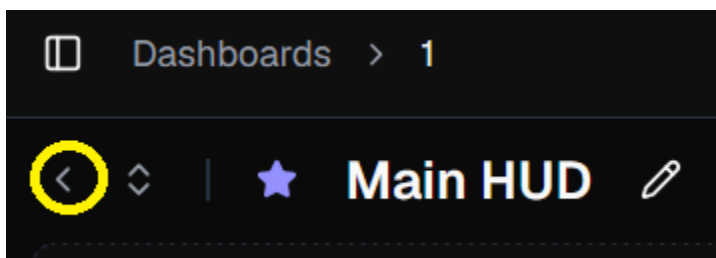
- Edit
- Delete
- Set default

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Once you've set a default, you will be brought immediately to the chosen dashboard when you access the Dashboards menu. Dashboard management will then be handled with the in-dashboard management dropdown, where you can search for, view, create, and delete dashboards.



Note that you can use the back arrow on the upper left to return to the main dashboards menu form a dashboard at any time:



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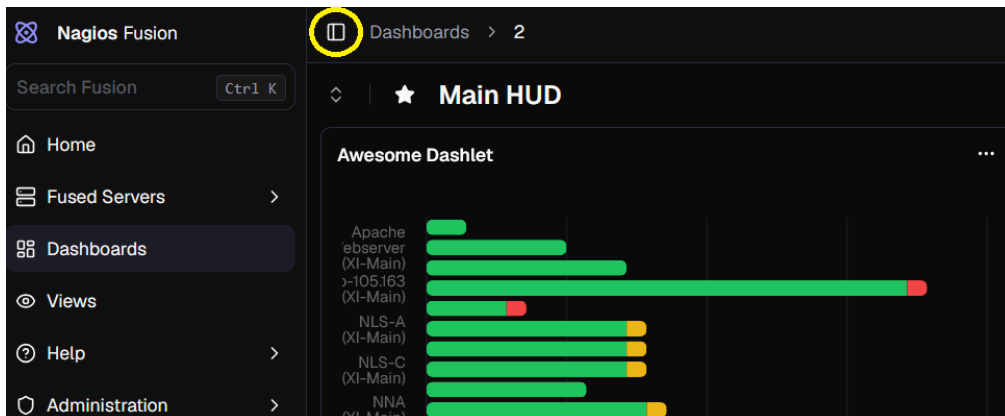
Renaming Dashboards

To **rename** a dashboard, hover over it's name, then click the pencil icon:



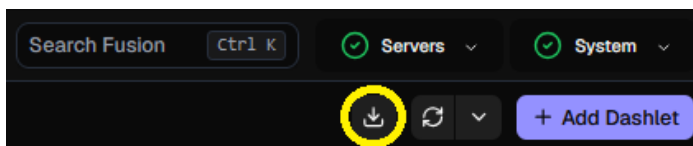
Full Screen A Dashboard

To fullscreen a dashboard (or any other page in the UI), click the icon on the upper left to hide the lefthand navigation bar:

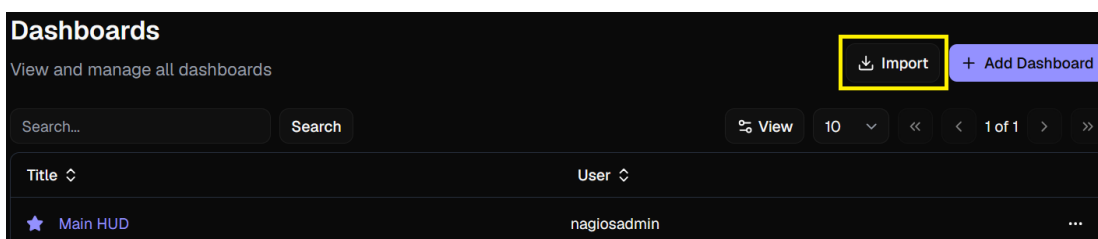


Exporting and Importing Dashboards

To **export** a Dashboard, click the Export button on the upper right of the target Dashboard. You can then download a .json file, or copy the text to your clipboard.



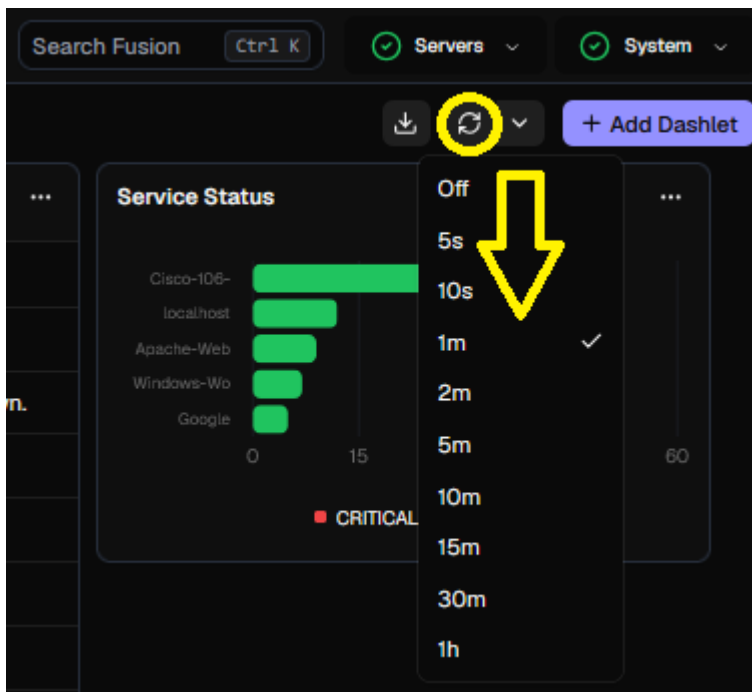
To **import** a dashboard, choose import from the main **Dashboards** menu.



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Adjusting the Dashboard Refresh Rate

To adjust how often a Dashboard automatically fetches updated status data, use the dropdown on the upper right. Note that this is a per-Dashboard selection.



Adding Dashboards To Views

Dashboards can be added to Views to create rotating displays of key data, perfect for a NOC screen.

You can learn more about managing Views here:

[Using Views in Nagios Fusion](#)

Dashboard Permissions

Dashboard permissions are determined by Roles. You can learn more about managing Roles here:

[Managing Users and Roles in Nagios Fusion](#)

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Note that if a checkbox in the Dashboards settings is left unchecked, users with the Role will only have access to the ability on their own Dashboards.

The one exception is the **Create** checkbox, which determines whether the user can create and use Dashboards at all. With settings matching the following screenshot, a user with this Role would be able to create, view, update, and delete their own Dashboards and Views.

System Permissions	All	Create	View	Update	Delete
Dashboards If empty users only have access to their own.	☐	☒	☐	☐	☐
Views If empty users only have access to their own.	☐	☒	☐	☐	☐
Servers Control access to all fused servers.	☐	☐	☒	☐	☐

Finishing Up

This completes the documentation on Using Dashboards in Nagios Fusion 2026R2. If you have additional questions or other support-related questions, please visit the Nagios Support Forum, Nagios Documentation Hub, or Nagios Library:

[Visit Nagios Support Forum](#)

[Visit Documentation Hub](#)

[Visit Nagios Library](#)