

Delphix Dashboards app for Splunk

Getting Started

Prerequisites

- Splunk version 7.x or later.
 - One event type index named *delphix_events*.
 - One metrics type index named *delphix_metrics*.
- Delphix Engine 5.3.x or later.
- Delphix Dashboards app from [Splunkbase](https://splunkbase.splunk.com/app/4946/) (https://splunkbase.splunk.com/app/4946/).

Steps:

1. Install the Delphix Dashboards app on Splunk.
2. Configure Splunk HEC Token.
3. Configure Splunk integration on each Delphix Engine.

Install the Delphix Dashboards app on Splunk (Step 1)

1. Launch Splunk, and then select **Apps>Install app from file**.
2. Browse to the Delphix Dashboards app package named `delphix_dashboards-<version>.tar.gz`.
3. **If there is an older version of the app installed**, check **Upgrade app**, otherwise leave it cleared.
4. Click **Upload**.

Upload an app

If you have a .spl or .tar.gz app file to install, you can upload it using this form.

You can replace an existing app via the Splunk CLI. [Learn more](#).

File

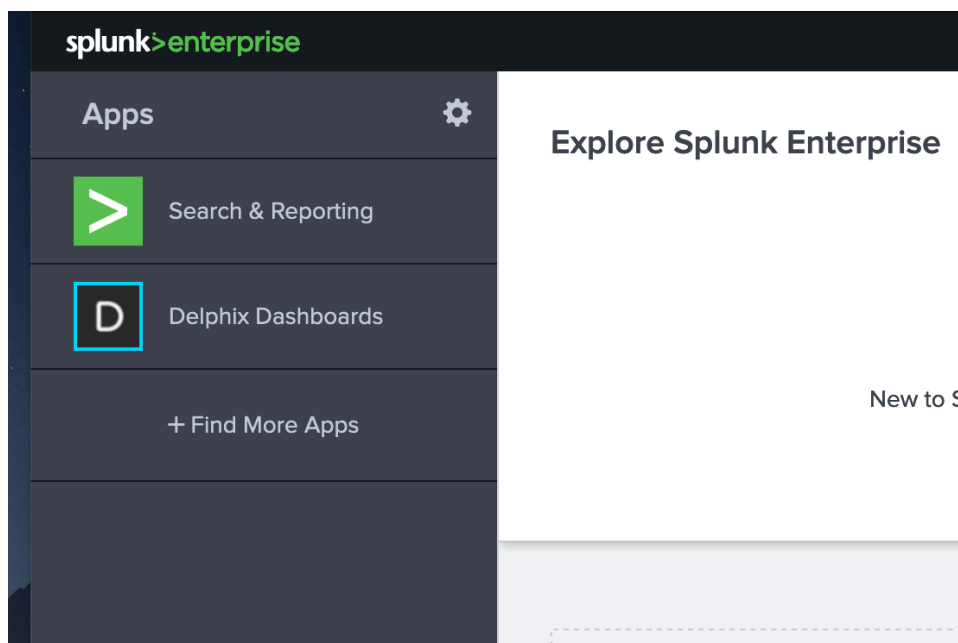
delphix_dashboards-1.0.0.tar.gz

☐ Upgrade app. Checking this will overwrite the app if it already exists.

Cancel

Upload

5. The Delphix Dashboards App is now be available on the **Apps** menu.



Configure the Splunk HEC Token (Step 2)

1. Navigate to **Settings>Data Inputs>HTTP Event Collector** to configure HEC Tokens.
2. Provide a name for the token.

A screenshot of the Splunk configuration page for the HTTP Event Collector (HEC) token. The left sidebar shows the navigation menu with 'Files & Directories', 'HTTP Event Collector' (selected), 'TCP / UDP', and 'Scripts'. The main content area is titled 'Configure a new token for receiving data over HTTP. Learn More'. It contains several input fields: 'Name' (with the value 'Delphix'), 'Source name override' (with the value 'optional'), 'Description' (with the value 'optional'), and 'Output Group (optional)' (with a dropdown menu showing 'None'). At the bottom, there is a checkbox labeled 'Enable indexer acknowledgement' which is currently unchecked.

3. On the Input Settings window, provide the following settings:

- Set the Source type to `Automatic`.
- Set the App Context to `Delphix Dashboards`.
- Set Allowed indexes to `delphix_events` and `delphix_metrics`.
- Set the default index to `delphix_events`.

Input Settings

Optionally set additional input parameters for this data input as follows:

Source type

The source type is one of the default fields that the Splunk platform assigns to all incoming data. It tells the Splunk platform what kind of data you've got, so that the Splunk platform can format the data intelligently during indexing. And it's a way to categorize your data, so that you can search it easily.

Automatic Select New

App context

Application contexts are folders within a Splunk platform instance that contain configurations for a specific use case or domain of data. App contexts improve manageability of input and source type definitions. The Splunk platform loads all app contexts based on precedence rules. [Learn More](#)

App Context Delphix Dashboards (delphix_dashboards) ▼

Index

The Splunk platform stores incoming data as events in the selected index. Consider using a "sandbox" index as a destination if you have problems determining a source type for your data. A sandbox index lets you troubleshoot your configuration without impacting production indexes. You can always change this setting later. [Learn More](#)

Select Allowed Indexes

Available item(s)

- ☐ delphix_dxtoolkit
- ☐ delphix_events
- ☒ delphix_metrics
- ☐ history
- ☐ main

add all ▶

Selected item(s) ◀ remove all

- ☒ delphix_events
- ☒ delphix_metrics

Select indexes that clients will be able to select from.

Default Index Create a new index

- Review the information provided, and then click **Submit**.

Review

Input Type Token
Name Delphix
Source name override N/A
Description N/A
Enable indexer acknowledg No
Output Group N/A
Allowed indexes
delphix_events
delphix_metrics

Default index delphix_events
Source Type Automatic
App Context delphix_dashboards

- Locate the Token Value in **Data Inputs > HTTP Event Collector**. You will use this value in the next procedure.

HTTP Event Collector		
Data Inputs > HTTP Event Collector		
1 Tokens	App: All ▾	filter <input type="text"/>
Name ▲	Actions	Token Value ⇅
Delphix	Edit Disable Delete	c2163f18-9b76-4fbf-962e-bcb763431884

6. Locate the HEC Port and SSL Settings in **Data Inputs > HTTP Event Collector>Global Settings**. You will use these values in the next procedure.

Edit Global Settings

All Tokens

Enabled

Disabled

Default Source Type

Select Source Type ▾

Default Index

Default ▾

Default Output Group

None ▾

Use Deployment Server

☐

Enable SSL

☒

HTTP Port Number ?

8088

Cancel

Save

Configure Splunk integration (Step 3)

The following procedure guides you through configuring Delphix events and metrics on the Delphix Engine to be sent to Splunk.

1. Provide the following information in **Delphix Setup>Preferences>Splunk Configuration**.

- Enter Splunk Host IP
- Enter Splunk Port
- Enter HEC Token Value
- Set Main Index to `delphix_events`
- Change Push Frequency if desired
- Set SSL to match Splunk Settings
- Enable Metrics

Splunk Configuration

HTTP Event Collector Configuration

Settings are used to send Delphix Insight data to Splunk HTTP Event Collector (HEC). Delphix Insight data includes Actions, Job Events, Faults, and Alerts.

☒ Enable Splunk Configuration

Host

10.0.0.39

HEC Port

8088

HEC Token

c2163f18-9b76-4fbf-962e-bcb763431884

Main Index ⓘ

delphix_events

Events Push Frequency (seconds)

60

☒ Enable SSL (Must match HEC settings in Splunk)

Metrics

Additionally send performance and capacity metrics data to Splunk if enabled.

☒ Enable Metrics

2. Set Metrics Index to `delphix_metrics`.
3. Change **Push Frequency** to the desired value.
4. Change **Performance Data Granularity** to the desired value.
5. Click **Send Test Data** to test the connection.

6. If successful, click **Save**.

Splunk Configuration



Main Index ⓘ

delphix_events

Events Push Frequency (seconds)

60

☒ Enable SSL (Must match HEC settings in Splunk)

Metrics

Additionally send performance and capacity metrics data to Splunk if enabled.

☒ Enable Metrics

Metrics Index ⓘ

delphix_metrics

Metrics Push Frequency (seconds)

60

Performance Data Granularity ⓘ

Per Minute

Test Connection

Send test data to validate current configuration.

Send Test Data

Connection Successful

Cancel

Save

7. Happy Splunking!

