**SNIATM Swordfish Datadog Sample Integration Installation Documentation**

Introduction:

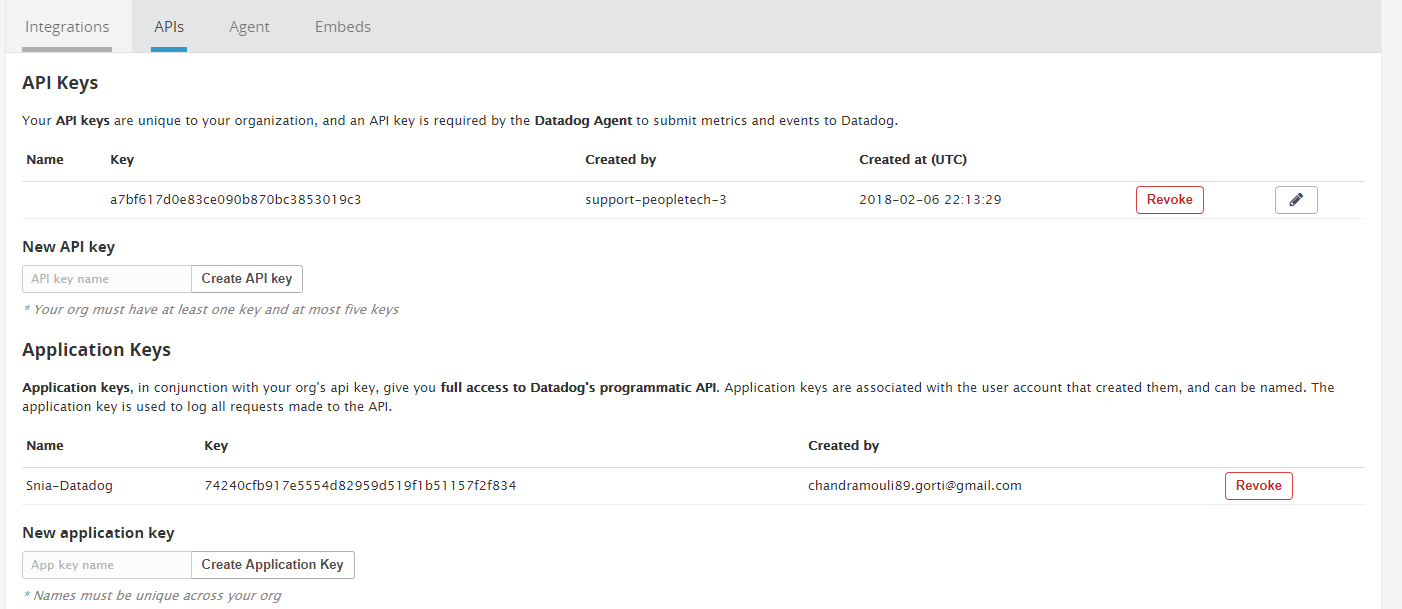
Datadog lets you collect all these metrics, events, and service states in one place. Then, visualize and correlate the data with beautiful graphs, and set flexible alerting conditions on it—all without running any storage or monitoring infrastructure yourself.

The SNIA Swordfish Dashboard xxxx

The Datadog Agent is a piece of software that runs on your hosts. Its job is to faithfully collect events and metrics and bring them to Datadog so that you can do something useful with your monitoring and performance data. The Datadog Agent is open source; view the source code on GitHub.

## Steps to install and run datadog:

1. Login to Datadog web site ( <https://app.datadoghq.com/> )
2. Create API keys and Application keys (<https://app.datadoghq.com/account/settings#api/>) which we have to use in our local services.



1. Install Datadog to a Local machine

Recommend Ubuntu 16.04 (tested configuration)

Windows 7,8 and 10

1. Installation Steps: (Provided information for Ubuntu Linux configuration)

Run the below commands to install datadog in local machine.

* + sudo apt-get update
  + sudo apt-get install apt-transport-https

Set datadog deb repo on local and import datadog api key.

* + sudo sh -c "echo 'deb https://apt.datadoghq.com/ stable 6' > /etc/apt/sources.list.d/datadog.list"
  + sudo apt-key adv --recv-keys --keyserver hkp://keyserver.ubuntu.com:80 382E94DE

Use local apt repo and install the agent

* + sudo apt-get update
  + sudo apt-get install datadog-agent

Place our API key and copy it to config

* + sudo sh -c "sed 's/api\_key:.\*/api\_key: a7bf617d0e83ce090b870bc3853019c3/' /etc/datadog-agent/datadog.yaml.example > /etc/datadog-agent/datadog.yaml"

Start Agent

* + sudo systemctl restart datadog-agent.service

1. Start Datadog :-

Start Agent as a service

* + sudo /etc/init.d/datadog-agent start

Restart agent running as a service

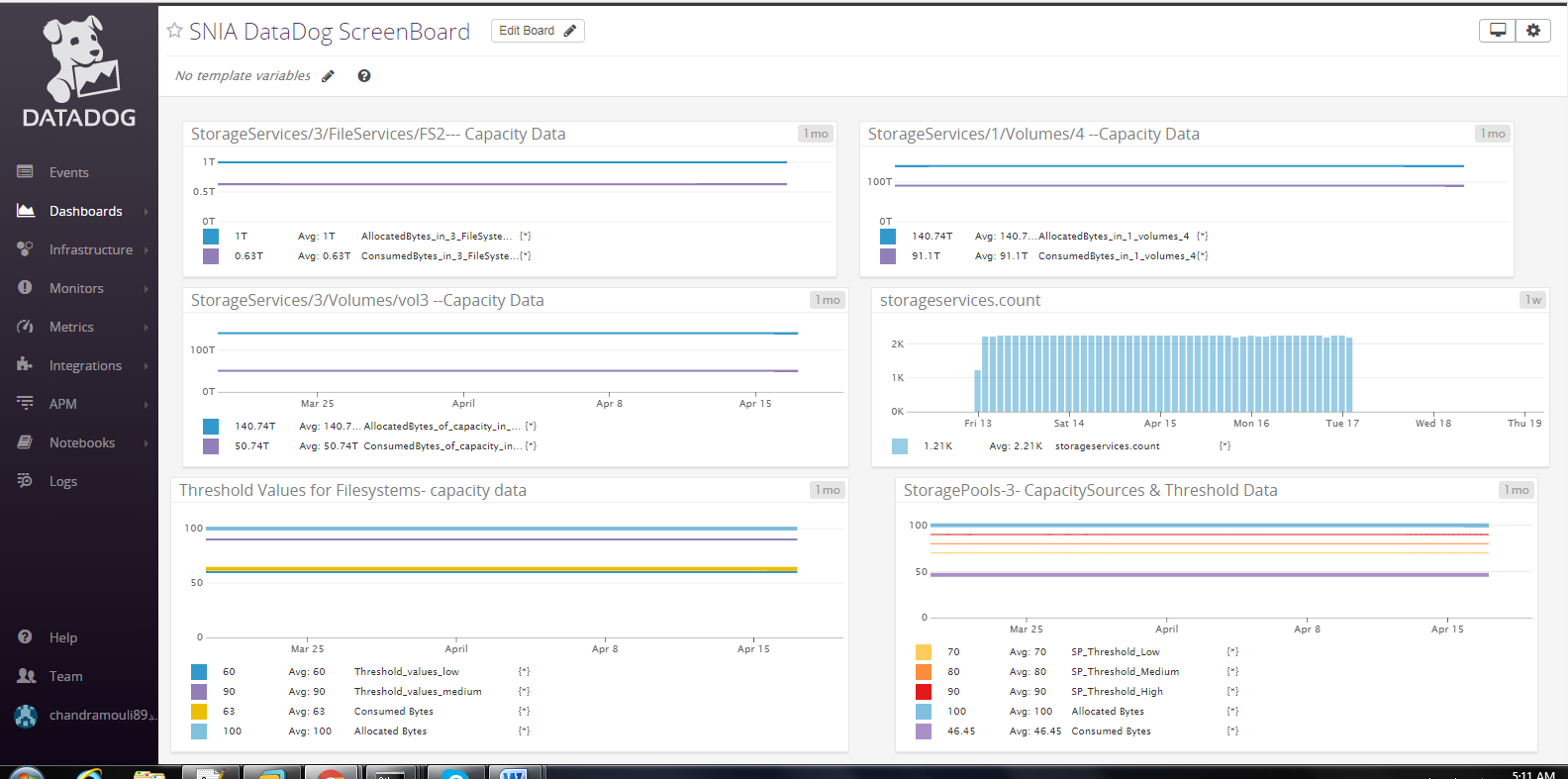
* + sudo /etc/init.d/datadog-agent restart

Status page of running agent

* + sudo /etc/init.d/datadog-agent info

**Dashboard**:

* We will create a new dashboard from right menu of datadog page.
* After creating dashboard, we can select graphs to visualize the data.



The below is the graph editor window where we can edit the visualization, choose metrics and events, adds filters and add functionalities if requires.

