

Grafana 获取 Zabbix 数据

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原文链接: <https://ld246.com/article/1588754732203>

来源网站: [链滴](#)

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1.安装Grafana

1.1 下载安装包

官网下载[地址](#)

```
wget https://dl.grafana.com/oss/release/grafana-6.7.3-1.x86_64.rpm  
sudo yum install grafana-6.7.3-1.x86_64.rpm
```

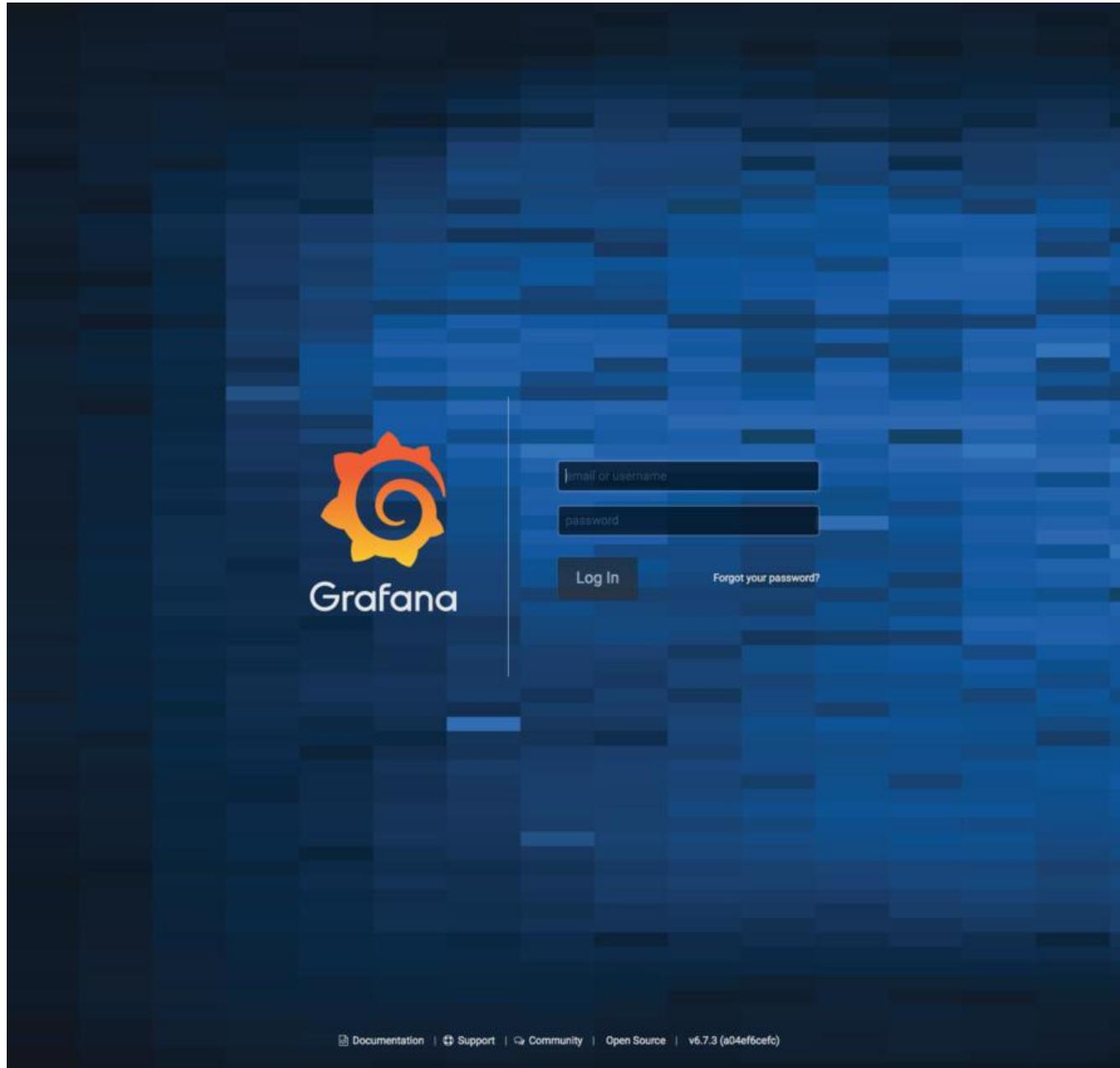
1.2 启动Grafana

启动Grafana服务并设置开机自启

```
systemctl start grafana-server  
systemctl enable grafana-server
```

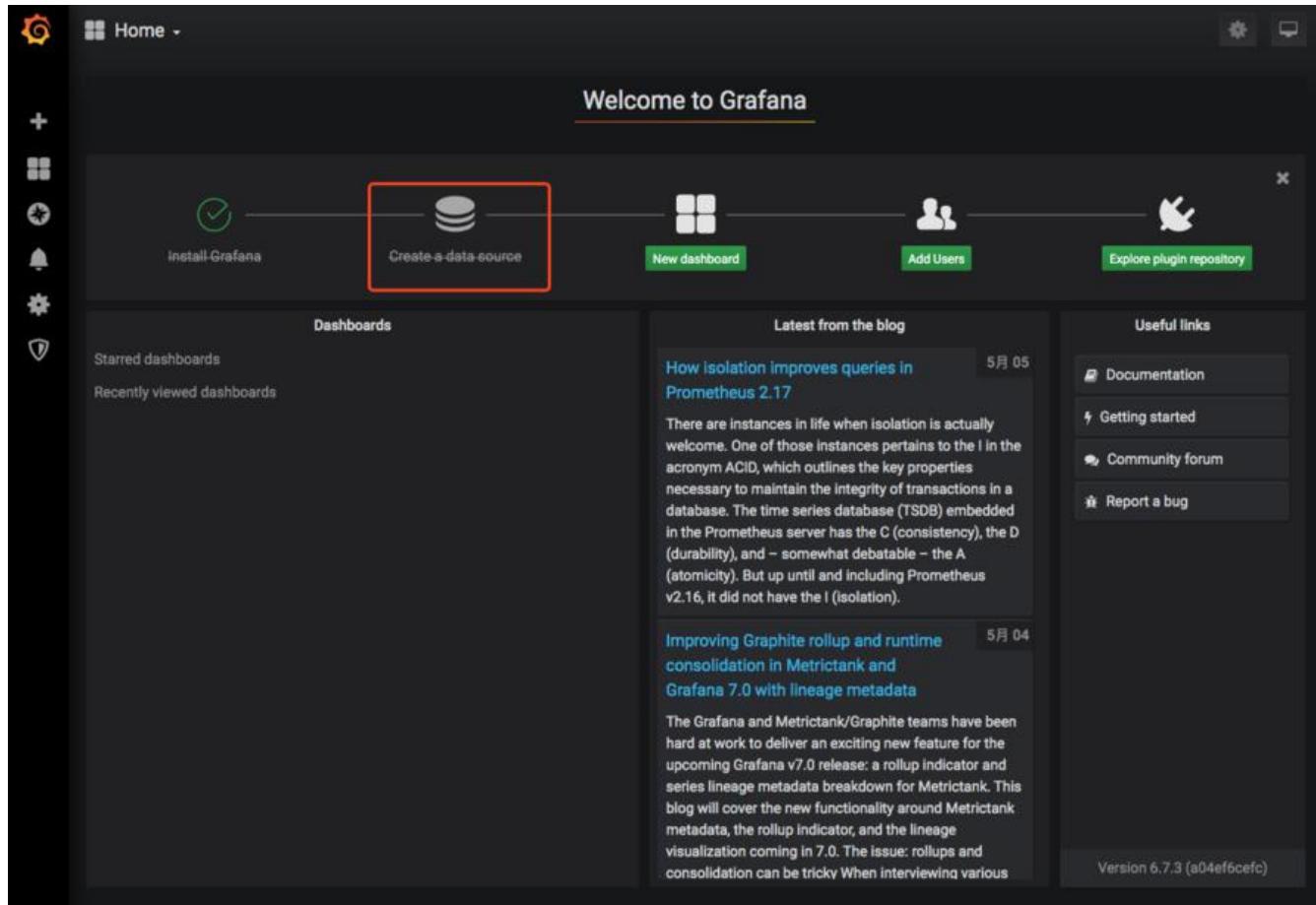
1.3 访问Grafana

访问地址：<http://192.168.4.222:3000> 用户名：`admin` 密码：`admin` 输入过后会提示设置一个新密码



2.添加zabbix数据源

登录进去之后点击[添加数据源](#)



发现列表里面并没有zabbix数据源，故我们需要安装一下：

点击最下方[Find more data source plugins on grafana.com](#)

The screenshot shows the Grafana plugin store interface. On the left, there's a sidebar with icons for Home, +, Grid, Cluster, Bell, Settings, and Shield. The main area displays a list of data sources:

- CloudWatch**: Data source for Amazon AWS monitoring service.
- Azure Monitor**: Data source for Microsoft Azure Monitor & Application Insights.
- Grafana Cloud**: Hosted Graphite, Prometheus and Loki.

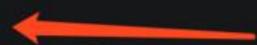
Enterprise plugins

- Splunk**: Visualize & explore Splunk logs.
- ServiceNow**: ServiceNow integration & data source.
- Oracle**: Visualize & explore Oracle SQL.
- New Relic**: New Relic Integration & data source.
- Dynatrace**: Visualize & explore Dynatrace data.
- DataDog**: DataDog integration & data source.

Others

- Zabbix**
- TestData DB**: Generates test data in different forms.

[Find more data source plugins on grafana.com](#)



点击[zabbix](#)

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Plugin Type:

- All
- Panel
- Data Source
- App

Enterprise Plugins:

- All Plugins
- Enterprise Only

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worldPing
by Grafana Labs
worldPing is a plug-in for Grafana that continually tests, stores and alerts on the global...

APPLICATION



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by Alexander Zobnin
Zabbix plugin for Grafana

PANEL



Worldmap Panel
by Grafana Labs
World Map panel for Grafana. Displays time series data or geohash data from Elasticsearch...

APPLICATION



Kentik Connect Pro
by Kentik
Kentik Connect Pro allows you to quickly and easily add network activity visibility metrics to...

APPLICATION



NS1 for Grafana
by NS1
NS1 for Grafana allows for the collection and graphing of NS1 data over time.

APPLICATION



Voxter VoIP Platform Metrics
by voxter-old
Voxter for Grafana allows for the collection and graphing of Voxter data over time.

PANEL



Clock
by Grafana Labs
Clock panel for grafana

PANEL



Pie Chart
by Grafana Labs
Pie chart panel for grafana

APPLICATION



Percona
by Percona
Percona app for Grafana

1. 使用下列命令安装zabbix数据源

`grafana-cli plugins install alexanderzobnin-zabbix-app`

```
[root@mect-data-backup zabbix]# grafana-cli plugins install alexanderzobnin-zabbix-app
installing alexanderzobnin-zabbix-app @ 3.11.0
from: https://grafana.com/api/plugins/alexanderzobnin-zabbix-app/versions/3.11.0/download
into: /var/lib/grafana/plugins
```

```
✓ Installed alexanderzobnin-zabbix-app successfully
```

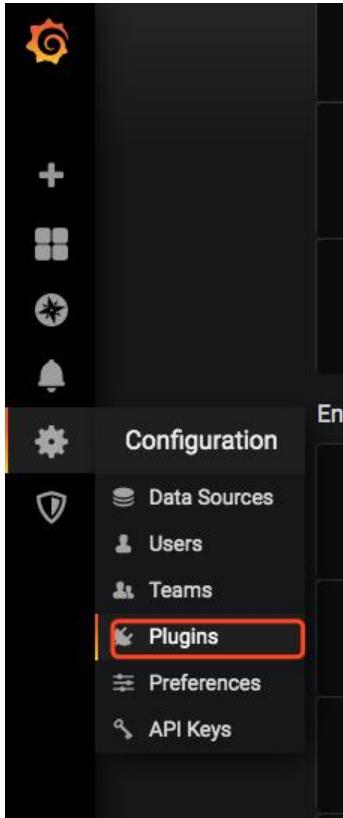
```
Restart grafana after installing plugins . <service grafana-server restart>
```

2. 安装完毕之后按照提示重启Grafana服务

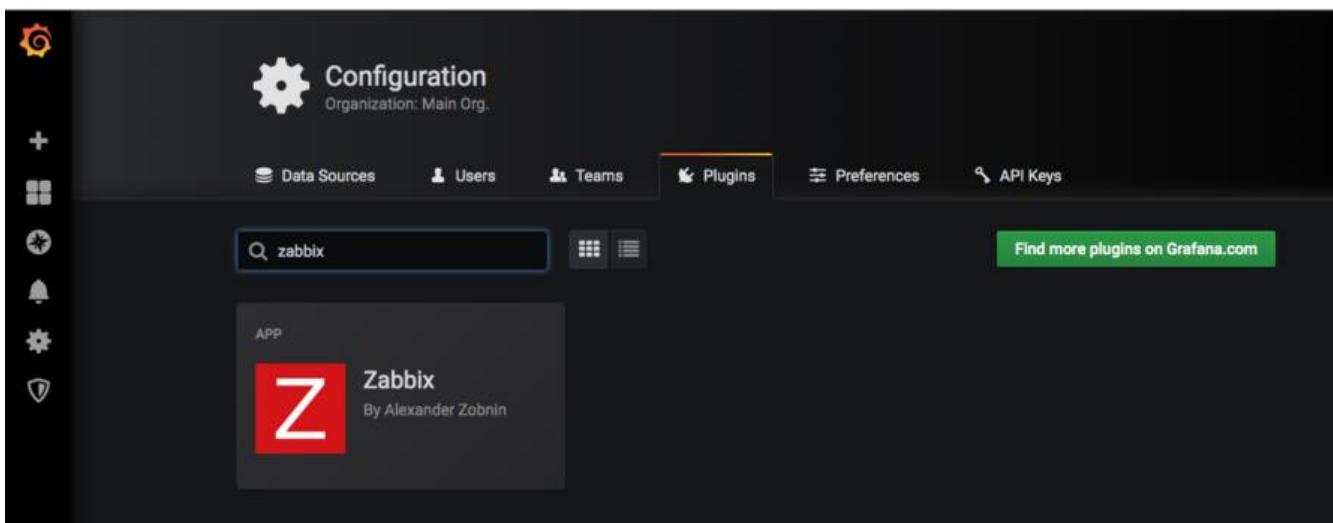
`service grafana-server restart``Restarting grafana-server (via systemctl):`

[确定]

3. 去plugin中查找zabbix数据源：

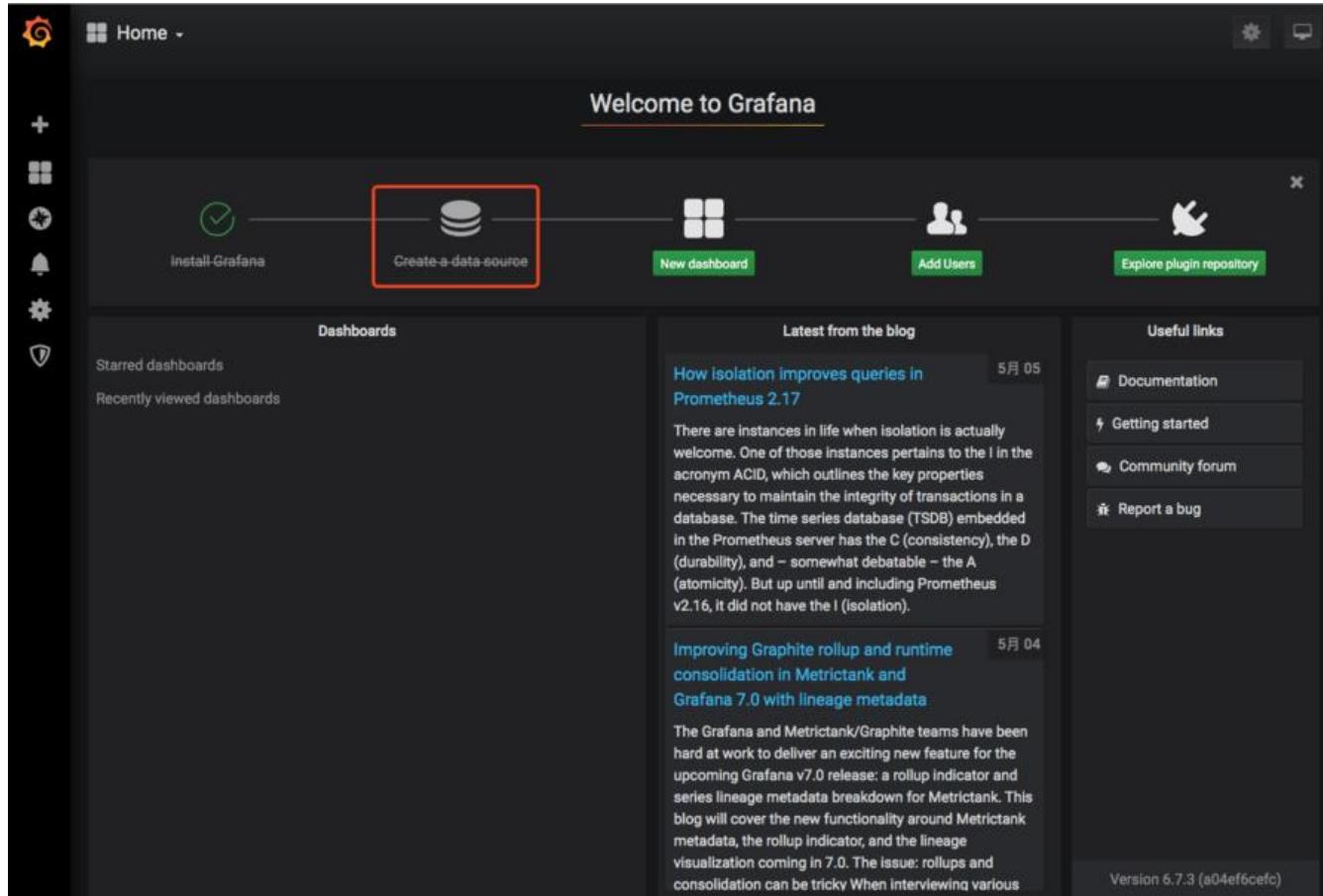


4.搜索zabbix，点击进去并启动它（默认是禁用的）：



3.配置zabbix数据源

1.创建一个数据源Create a data source



2.选择zabbix

The screenshot shows the Grafana plugin store interface. On the left, there is a vertical sidebar with icons for Home, +, Grid, Star, Bell, and Settings.

The main area displays several sections of plugins:

- CloudWatch**: Data source for Amazon AWS monitoring service.
- Azure Monitor**: Data source for Microsoft Azure Monitor & Application Insights.
- Grafana Cloud**: Hosted Graphite, Prometheus and Loki.

Enterprise plugins:

- Splunk**: Visualize & explore Splunk logs.
- ServiceNow**: ServiceNow integration & data source.
- Oracle**: Visualize & explore Oracle SQL.
- New Relic**: New Relic integration & data source.
- Dynatrace**: Visualize & explore Dynatrace data.
- DataDog**: DataDog integration & data source.

Others:

- Zabbix**: A highlighted item with a red border. It includes a red 'Z' icon, the name 'Zabbix', and a green 'Select' button.
- TestData DB**: Generates test data in different forms.

3.输入zabbix的API地址(http://192.168.4.222/api_jsonrpc.php)和登录zabbix的用户名和密码,最后击Save & Test测试和保存

Data Sources / Zabbix
Type: Zabbix

HTTP

URL: `http://192.168.4.222/api_jsonrpc.php`

Access: Server (default)

Whitelisted Cookies: Add Name

Auth

Basic auth: With Credentials:

TLS Client Auth: With CA Cert:

Skip TLS Verify:

Forward OAuth Identity:

Zabbix API details

Username	Admin
Password
Trends	<input type="checkbox"/>
Cache TTL	1h
Zabbix version	3.x

Direct DB Connection

Enable:

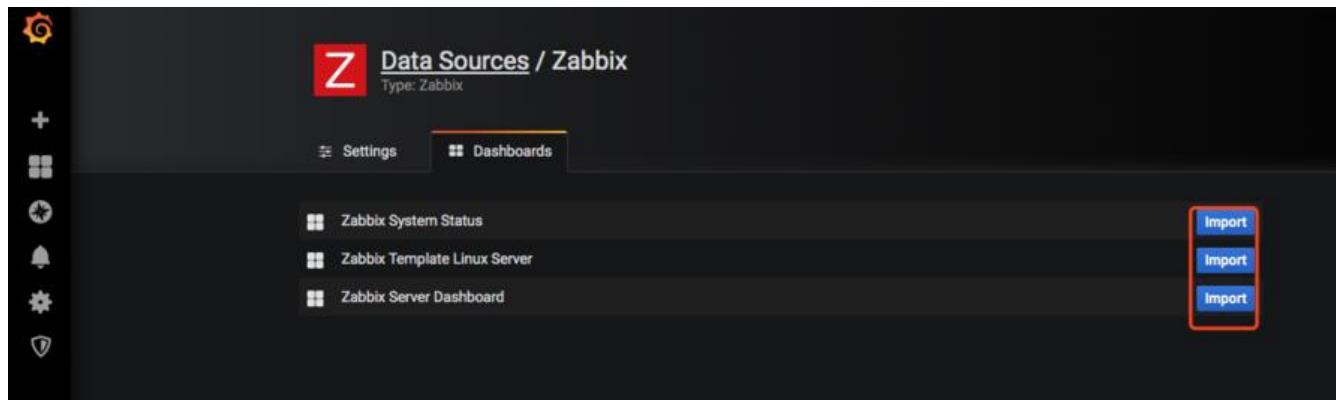
Alerting

Enable alerting:

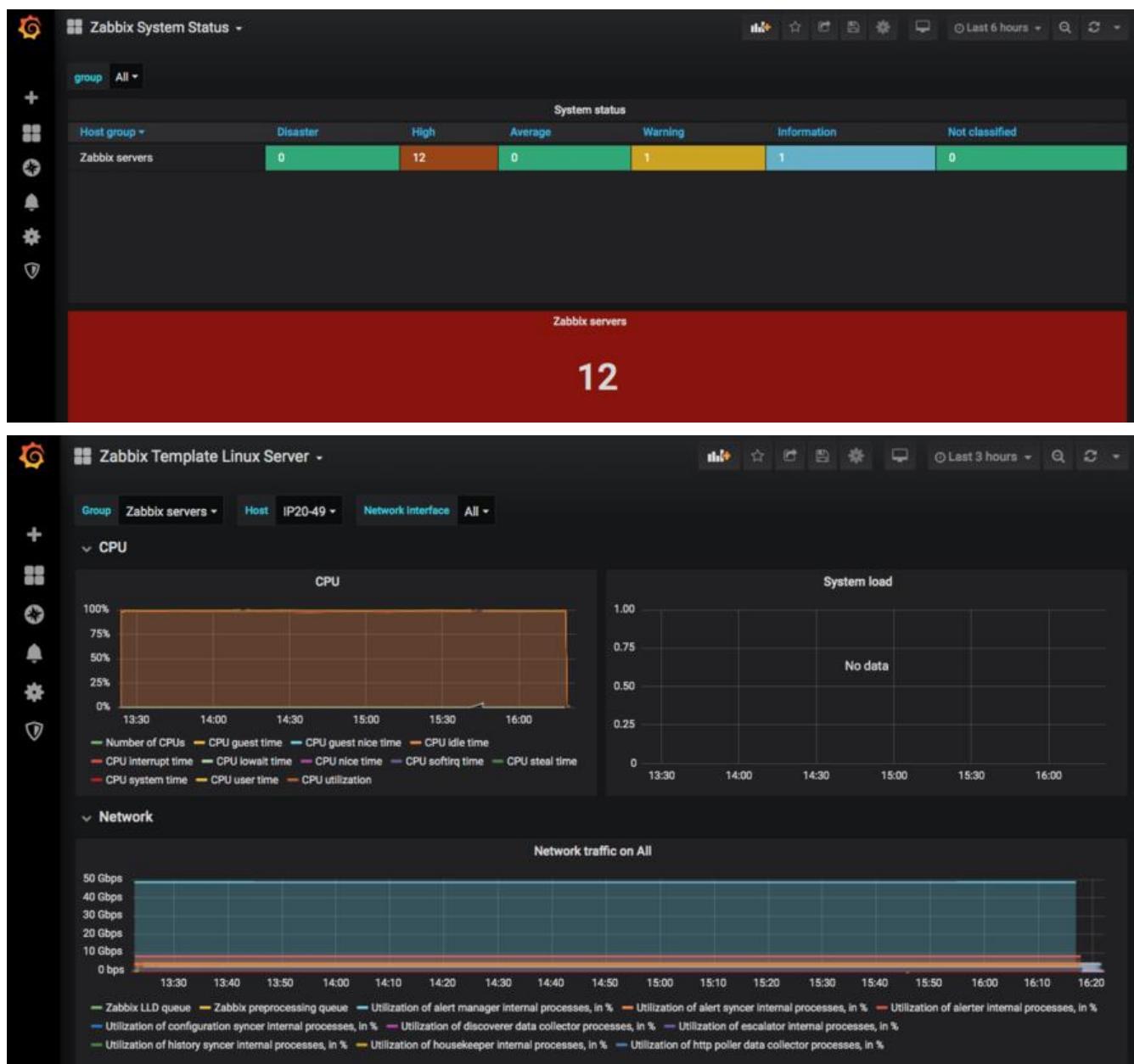
Other

Disable acknowledges for read-only users:

4. 添加zabbix仪表盘:



全部添加过后可以点击进去查看

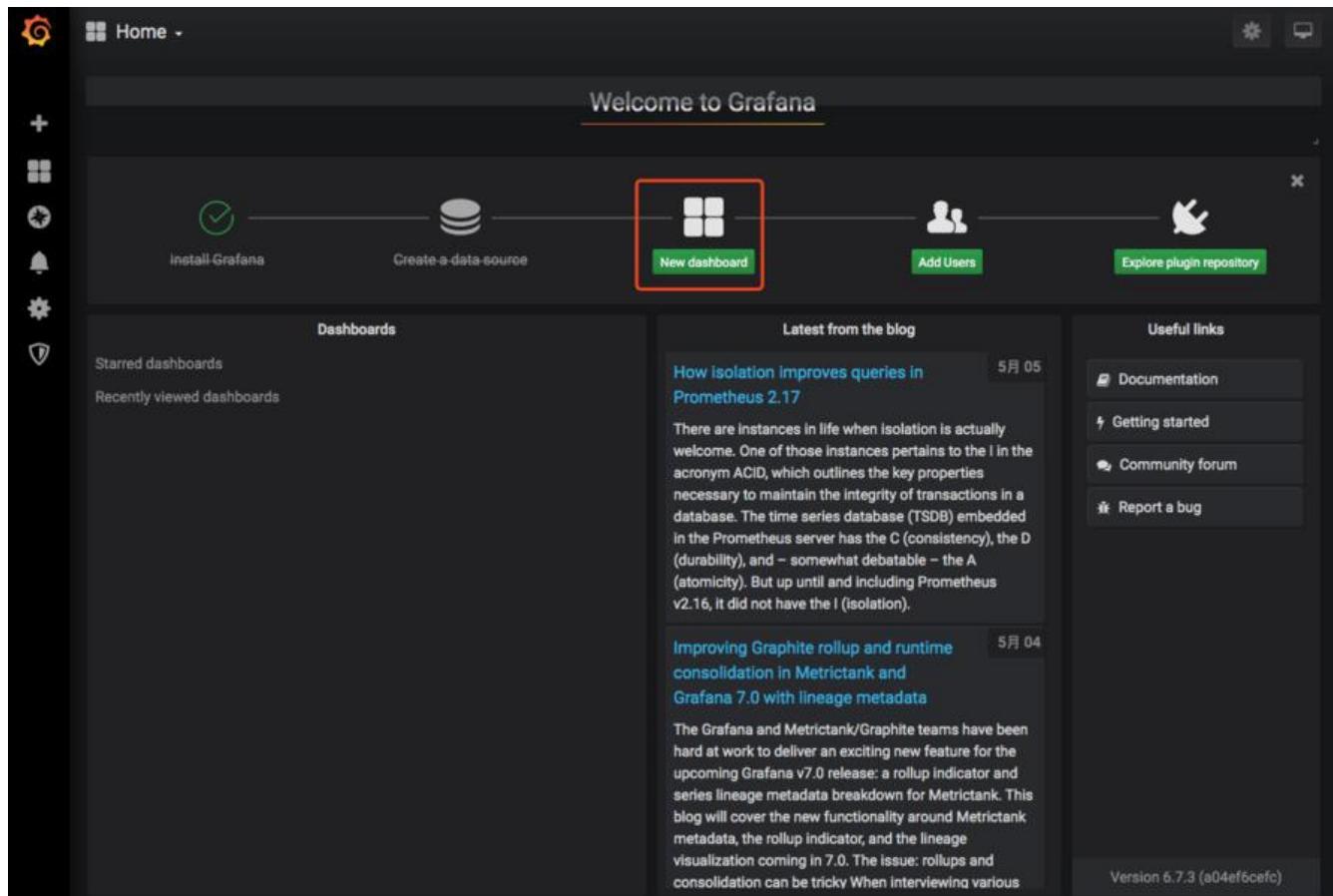




5.自定义仪表盘

当然你也可以创建自定义仪表盘

点击创建新的仪表盘New dashboard:



Welcome to Grafana

New dashboard

Latest from the blog

How isolation improves queries in Prometheus 2.17 5月 05

There are instances in life when isolation is actually welcome. One of those instances pertains to the I in the acronym ACID, which outlines the key properties necessary to maintain the integrity of transactions in a database. The time series database (TSDB) embedded in the Prometheus server has the C (consistency), the D (durability), and – somewhat debatable – the A (atomicity). But up until and including Prometheus v2.16, it did not have the I (isolation).

Improving Graphite rollup and runtime consolidation in Metictank and Grafana 7.0 with lineage metadata 5月 04

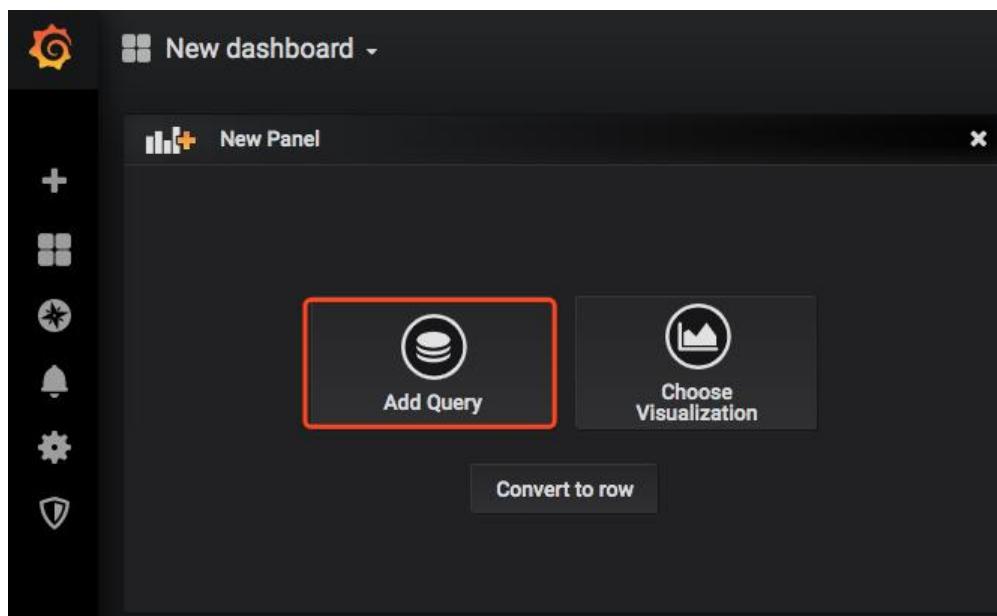
The Grafana and Metictank/Graphite teams have been hard at work to deliver an exciting new feature for the upcoming Grafana v7.0 release: a rollup indicator and series lineage metadata breakdown for Metictank. This blog will cover the new functionality around Metictank metadata, the rollup indicator, and the lineage visualization coming in 7.0. The issue: rollups and consolidation can be tricky When interviewing various

Useful links

- Documentation
- Getting started
- Community forum
- Report a bug

Version 6.7.3 (a04ef6cefc)

This screenshot shows the Grafana home page. The top navigation bar includes links for 'Home', 'Install Grafana', 'Create a data source', 'New dashboard' (which is highlighted with a red box), 'Add Users', and 'Explore plugin repository'. Below the navigation is a sidebar with icons for 'Dashboards', 'Starred dashboards', and 'Recently viewed dashboards'. The main content area features two blog posts: one about isolation in Prometheus 2.17 and another about improving Graphite rollup and runtime consolidation in Metictank and Grafana 7.0. On the right, there's a 'Useful links' sidebar with links to documentation, getting started, community forum, and reporting bugs.



New dashboard

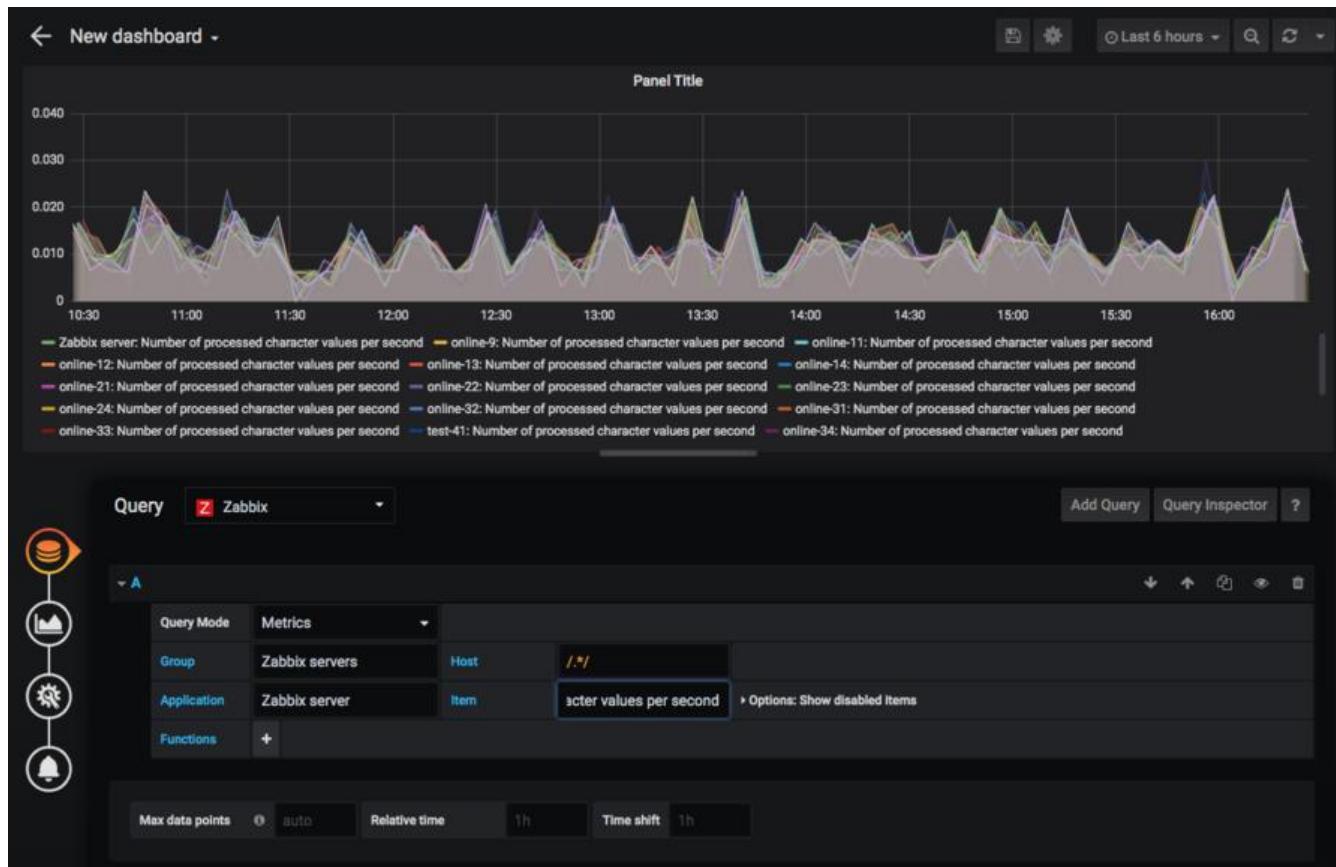
New Panel

Add Query

Choose Visualization

Convert to row

This screenshot shows the 'New dashboard' panel. It displays two main options: 'Add Query' (represented by a database icon) and 'Choose Visualization' (represented by a chart icon). A 'Convert to row' button is located at the bottom of the panel. The left side of the screen shows a dark sidebar with various icons for navigating through dashboards, data sources, and users.



参考

- [Centos安装grafana](#)