Install on Debian or Ubuntu

 › [Installation](https://grafana.com/docs/grafana/latest/installation/) › Install on Ubuntu/Debian

This page explains how to install Grafana dependencies, download and install Grafana, get the service up and running on your Debian or Ubuntu system, and the installation package details.

本节讲解如何安装Grafana的依赖，下载和安装Grafana，在你的Debian和Ubuntu系统上运行起来Grafana服务，和安装包的详细信息。

**Note on upgrading:** While the process for upgrading Grafana is very similar to installing Grafana, there are some key backup steps you should perform. Read [Upgrading Grafana](https://grafana.com/docs/grafana/latest/installation/upgrading/) for tips and guidance on updating an existing installation.

注意升级过程：虽然升级Grafana的过程和安装Grafana的过程近似，但是升级时有些安装的备份步骤是你需要注意的。阅读Upgrading Grafana去了解关于已安装后如何升级。

1. Download and install

下载和安装

You can install Grafana using our official APT repository, by downloading a .deb package, or by downloading a binary .tar.gz file.

你可以使用APT下载.deb安装包来安装Grafana，或者下载.tar.gz文件。

Install from APT repository

从APT进行安装

If you install from the APT repository, then Grafana is automatically updated every time you run apt-get update.

如果你是从APT来进行安装，那么每次当你运行apt-get update的时候，Grafana会进行自动升级。

| Grafana Version | Package | Repository |
| --- | --- | --- |
| Grafana OSS | grafana | https://packages.grafana.com/oss/deb stable main |
| Grafana OSS (Beta) | grafana | https://packages.grafana.com/oss/deb beta main |
| Grafana Enterprise | grafana-enterprise | https://packages.grafana.com/enterprise/deb stable main |
| Grafana Enterprise (Beta) | grafana-enterprise | https://packages.grafana.com/enterprise/deb beta main |

We recommend all users to install the Enterprise Edition of Grafana, which can be seamlessly upgraded with a Grafana Enterprise [subscription](https://grafana.com/products/enterprise/?utm_source=grafana-install-page).

我们建议所有的用户去企业版的Grafana，它可以订阅Grafana的企业版来无缝升级。

To install the latest Enterprise edition:

安装最新版企业版：

sudo apt-get install -y apt-transport-https

sudo apt-get install -y software-properties-common wget

wget -q -O - https://packages.grafana.com/gpg.key | sudo apt-key add -

# Alternatively you can add the beta repository, see in the table above

sudo add-apt-repository "deb https://packages.grafana.com/enterprise/deb stable main"

sudo apt-get update

sudo apt-get install grafana-enterprise

Bash

To install the latest OSS release:

安装最低的OSS正式版：

sudo apt-get install -y apt-transport-https

sudo apt-get install -y software-properties-common wget

wget -q -O - https://packages.grafana.com/gpg.key | sudo apt-key add -

# Alternatively you can add the beta repository, see in the table above

sudo add-apt-repository "deb https://packages.grafana.com/oss/deb stable main"

sudo apt-get update

sudo apt-get install grafana

Bash

Set up repository for ARM

为ARM建立库

If you have problems using add-apt-repository, you can set up the repository without it.

当你使用add-apt-repository的时候出现了问题，那你可以不使用它建立库。

Add this repository for stable releases:

为稳定版添加库：

echo "deb https://packages.grafana.com/oss/deb stable main" | sudo tee -a /etc/apt/sources.list.d/grafana.list

Bash

Add this repository if you want beta releases:

如果你想为测试版添加库：

echo "deb https://packages.grafana.com/oss/deb beta main" | sudo tee -a /etc/apt/sources.list.d/grafana.list

Bash

Install .deb package

安装.deb包

If you install the .deb package, then you will need to manually update Grafana for each new version.

如果你安装.deb包，那么你需要手动升级每个Grafana。

1. On the [Grafana download page](https://grafana.com/grafana/download), select the Grafana version you want to install.

在Grafana的安装页面，选择你想安装的版本。

* + The most recent Grafana version is selected by default.

默认是选择最近的Grafana版本。

* + The **Version** field displays only finished releases. If you want to install a beta version, click **Nightly Builds** and then select a version.

Version字段只显示已完成的正式版。如果你想要安装测试版本，Nightly Builds并选择一个版本。

1. Select an **Edition**.
   * **Enterprise** - Recommended download. Functionally identical to the open source version, but includes features you can unlock with a license if you so choose.

**企业版-建议下载的版本。功能上与开源版本相同，但包含了一些特性，如果您选择的话，可以使用许可证解锁。**

* + **Open Source** - Functionally identical to the Enterprise version, but you will need to download the Enterprise version if you want Enterprise features.

**开源版本-功能上与企业版相同，如果你想要使用企业版的功能，你需要去下载企业版。**

1. Depending on which system you are running, click **Linux** or **ARM**.

取决于你运行的系统，去点击Linux或ARM。

1. Copy and paste the code from the installation page into your command line and run. It follows the pattern shown below.

复制粘贴安装页面的Code到你的命令行并运行。它会以下面显示的模式运行。

sudo apt-get install -y adduser libfontconfig1

wget <.deb package url>

sudo dpkg -i grafana<edition>\_<version>\_amd64.deb

Bash

Install from binary .tar.gz file

从.tar.gz文件进行安装

Download the latest [.tar.gz file](https://grafana.com/grafana/download?platform=linux) and extract it. The files extract into a folder named after the Grafana version that you downloaded. This folder contains all files required to run Grafana. There are no init scripts or install scripts in this package.

下载最新的.tar.gz文件并解压。文件都解压到了一个文件夹，文件夹名字就是你下载的Grafana版本名。这个文件夹包含了运行Grafana所需的所有文件。这个包里不包含初始化脚本和安装脚本。

wget <tar.gz package url>

sudo tar -zxvf <tar.gz package>

Bash

2. Start the server

开始服务

This starts the grafana-server process as the grafana user, which was created during the package installation.

在安装的过程中，会创建一个grafana用户，然后使用这个用户去开始grafana-server进程。

If you installed with the APT repository or .deb package, then you can start the server using systemd or init.d. If you installed a binary .tar.gz file, then you need to execute the binary.

如果你使用APT库或.deb包来安装的，那么你可以使用systemd或init.d来开始服务。如果你使用.tar.gz文件来安装，那么你需要运行二进制文件。

Start the server with system

使用system来开始服务

To start the service and verify that the service has started:

去开始服务，并确认服务已经开始：

sudo systemctl daemon-reload

sudo systemctl start grafana-server

sudo systemctl status grafana-server

Bash

Configure the Grafana server to start at boot:

配置Grafana服务的开机启动：

sudo systemctl enable grafana-server.service

Bash

Start the server with init.d

使用init.d开始服务

To start the service and verify that the service has started:

去开始服务，并确认服务已经开始：

sudo service grafana-server start

sudo service grafana-server status

Bash

Configure the Grafana server to start at boot:

配置Grafana服务开机启动：

sudo update-rc.d grafana-server defaults

Bash

Execute the binary

运行二进制文件

The grafana-server binary .tar.gz needs the working directory to be the root install directory where the binary and the public folder are located.

grafana-server二进制文件，需要工作在以二进制和public文件所在的目录为根目录的位置。

Start Grafana by running:

开始运行Grafana：

./bin/grafana-server web

Bash

Package details

* Installs binary to /usr/sbin/grafana-server

安装二进制到/user/sbin/grafana-server

* Installs Init.d script to /etc/init.d/grafana-server

安装init.d脚本到/etc/init.d/grafana-server

* Creates default file (environment vars) to /etc/default/grafana-server

创建默认文件（环境变量）到/etc/default/grafana-server

* Installs configuration file to /etc/grafana/grafana.ini

安装配置文件到/etc/grafana/grafana/.ini

* Installs systemd service (if systemd is available) name grafana-server.service

安装systemd服务（如果systemd是可用的）并命名为grafana-server.service

* The default configuration sets the log file at /var/log/grafana/grafana.log

配置文件默认的日志放在/var/log/grafana/grafana.log

* The default configuration specifies an sqlite3 db at /var/lib/grafana/grafana.db

配置文件默认指定sqlite3数据库，位于/var/lib/grafana/grafana.db

* Installs HTML/JS/CSS and other Grafana files at /usr/share/grafana

安装HTML/JS/CSS和其他的Grafana文件位于/usr/share/grafana

Next steps

下一步

Refer to the [Getting Started](https://grafana.com/docs/grafana/latest/getting-started/getting-started/) guide for information about logging in, setting up data sources, and so on.

到Getting Started指南去了解登录，创建数据源等。

Configure Grafana

配置Grafana

Refer to the [Configuration](https://grafana.com/docs/grafana/latest/administration/configuration/) page for details on options for customizing your environment, logging, database, and so on.

到Configuration页面去了解自定义环境，登录，数据库等。