
NWAFU Mirrors Help Documentation

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1	Homebrew 源代码仓库	3
2	CentOS 软件包仓库	5
3	Docker CE 软件包仓库	11
4	Homebrew Cask Versions 索引仓库	13
5	Homebrew Cask 索引仓库	15
6	Homebrew Core 索引仓库	17
7	IUS Community 软件包仓库	19
8	Kali Linux 软件包仓库	21
9	PyPI 镜像	23
10	Ubuntu 软件包仓库	25
11	Ubuntu Releases	29
12	Homebrew Source Code Repository	31
13	CentOS Software Repository	33
14	Docker CE Software Repository	39
15	Homebrew Cask Versions Index Repository	41
16	Homebrew Cask Index Repository	43
17	Homebrew Core Index Repository	45

18 Kali Linux Software Repository	47
19 PyPI Mirror	49
20 Ubuntu Software Repository	51
21 Ubuntu Releases	55

注解:

为了保障 [Mirrors@NWAFU](#) 的服务质量，校外用户在访问我们提供的服务时会被限速。

限速策略为：最多 3 个并发连接，每个连接传输速度不超过 400 KB/s。

有计划在未来向公网用户不限速地提供服务。

To ensure the service quality of [Mirrors@NWAFU](#), users outside the campus will be limited while accessing this service.

Limit policy is: 3 concurrent connections, 400 KB/s each connection at maximum.

We have plans to provide unlimited service for public users.

1.1 地址

<https://mirrors.nwafu.edu.cn/brew.git/>

1.2 说明

Homebrew 源代码仓库

1.3 使用说明

替换镜像：

```
cd "$(brew --repo)"
git remote set-url origin https://mirrors.nwafu.edu.cn/brew.git
```

重置为官方地址：

```
cd "$(brew --repo)"
git remote set-url origin https://github.com/Homebrew/brew.git
```

1.4 相关镜像

- *Homebrew Core* 索引仓库
- *Homebrew Cask* 索引仓库
- *Homebrew Cask Versions* 索引仓库

1.5 相关链接

官方主页 <http://brew.sh/>

brew 文档 <http://docs.brew.sh/>

2.1 地址

<https://mirrors.nwafu.edu.cn/centos/>

2.2 说明

CentOS 软件源。

2.3 收录架构

x86_64, i386

2.4 收录版本

CentOS 官方正在提供支持的版本。

2.5 使用说明

首先备份 `CentOS-Base.repo`

```
mv /etc/yum.repos.d/CentOS-Base.repo /etc/yum.repos.d/CentOS-Base.repo.backup
```

下载对应版本的 `CentOS-Base.repo`, 放入 `/etc/yum.repos.d/`

这是 CentOS 5 的:

```
# CentOS-Base.repo
#
# The mirror system uses the connecting IP address of the client and the
# update status of each mirror to pick mirrors that are updated to and
# geographically close to the client.  You should use this for CentOS updates
# unless you are manually picking other mirrors.
#
# If the mirrorlist= does not work for you, as a fall back you can try the
# remarked out baseurl= line instead.
#
#

[base]
name=CentOS-$releasever - Base - mirrors.nwafu.edu.cn
baseurl=https://mirrors.nwafu.edu.cn/centos/$releasever/os/$basearch/
#mirrorlist=http://mirrorlist.centos.org/?release=$releasever&arch=$basearch&repo=os
gpgcheck=1
gpgkey=https://mirrors.nwafu.edu.cn/centos/RPM-GPG-KEY-CentOS-5

#released updates
[updates]
name=CentOS-$releasever - Updates - mirrors.nwafu.edu.cn
baseurl=https://mirrors.nwafu.edu.cn/centos/$releasever/updates/$basearch/
#mirrorlist=http://mirrorlist.centos.org/?release=$releasever&arch=$basearch&
↪repo=updates
gpgcheck=1
gpgkey=https://mirrors.nwafu.edu.cn/centos/RPM-GPG-KEY-CentOS-5

#additional packages that may be useful
[extras]
name=CentOS-$releasever - Extras - mirrors.nwafu.edu.cn
baseurl=https://mirrors.nwafu.edu.cn/centos/$releasever/extras/$basearch/
#mirrorlist=http://mirrorlist.centos.org/?release=$releasever&arch=$basearch&
↪repo=extras
gpgcheck=1
gpgkey=https://mirrors.nwafu.edu.cn/centos/RPM-GPG-KEY-CentOS-5

#packages used/produced in the build but not released
[addons]
```

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```

name=CentOS-$releasever - Addons - mirrors.nwafu.edu.cn
baseurl=https://mirrors.nwafu.edu.cn/centos/$releasever/addons/$basearch/
#mirrorlist=http://mirrorlist.centos.org/?release=$releasever&arch=$basearch&
↳repo=addons
gpgcheck=1
gpgkey=https://mirror.centos.org/centos/RPM-GPG-KEY-CentOS-5

#additional packages that extend functionality of existing packages
[centosplus]
name=CentOS-$releasever - Plus - mirrors.nwafu.edu.cn
baseurl=https://mirrors.nwafu.edu.cn/centos/$releasever/centosplus/$basearch/
#mirrorlist=http://mirrorlist.centos.org/?release=$releasever&arch=$basearch&
↳repo=centosplus
gpgcheck=1
enabled=0
gpgkey=https://mirrors.nwafu.edu.cn/centos/RPM-GPG-KEY-CentOS-5

#contrib - packages by Centos Users
[contrib]
name=CentOS-$releasever - Contrib - mirrors.nwafu.edu.cn
baseurl=https://mirrors.nwafu.edu.cn/centos/$releasever/contrib/$basearch/
#mirrorlist=http://mirrorlist.centos.org/?release=$releasever&arch=$basearch&
↳repo=contrib
gpgcheck=1
enabled=0
gpgkey=https://mirrors.nwafu.edu.cn/centos/RPM-GPG-KEY-CentOS-5

```

这是 CentOS 6 的:

```

# CentOS-Base.repo
#
# The mirror system uses the connecting IP address of the client and the
# update status of each mirror to pick mirrors that are updated to and
# geographically close to the client. You should use this for CentOS updates
# unless you are manually picking other mirrors.
#
# If the mirrorlist= does not work for you, as a fall back you can try the
# remarked out baseurl= line instead.
#
#

[base]
name=CentOS-$releasever - Base - mirrors.nwafu.edu.cn
baseurl=https://mirrors.nwafu.edu.cn/centos/$releasever/os/$basearch/

```

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```
#mirrorlist=http://mirrorlist.centos.org/?release=$releasever&arch=$basearch&repo=os
gpgcheck=1
gpgkey=https://mirrors.nwafu.edu.cn/centos/RPM-GPG-KEY-CentOS-6

#released updates
[updates]
name=CentOS-$releasever - Updates - mirrors.nwafu.edu.cn
baseurl=https://mirrors.nwafu.edu.cn/centos/$releasever/updates/$basearch/
#mirrorlist=http://mirrorlist.centos.org/?release=$releasever&arch=$basearch&
↳repo=updates
gpgcheck=1
gpgkey=https://mirrors.nwafu.edu.cn/centos/RPM-GPG-KEY-CentOS-6

#additional packages that may be useful
[extras]
name=CentOS-$releasever - Extras - mirrors.nwafu.edu.cn
baseurl=https://mirrors.nwafu.edu.cn/centos/$releasever/extras/$basearch/
#mirrorlist=http://mirrorlist.centos.org/?release=$releasever&arch=$basearch&
↳repo=extras
gpgcheck=1
gpgkey=https://mirrors.nwafu.edu.cn/centos/RPM-GPG-KEY-CentOS-6

#additional packages that extend functionality of existing packages
[centosplus]
name=CentOS-$releasever - Plus - mirrors.nwafu.edu.cn
baseurl=https://mirrors.nwafu.edu.cn/centos/$releasever/centosplus/$basearch/
#mirrorlist=http://mirrorlist.centos.org/?release=$releasever&arch=$basearch&
↳repo=centosplus
gpgcheck=1
enabled=0
gpgkey=https://mirrors.nwafu.edu.cn/centos/RPM-GPG-KEY-CentOS-6

#contrib - packages by Centos Users
[contrib]
name=CentOS-$releasever - Contrib - mirrors.nwafu.edu.cn
baseurl=https://mirrors.nwafu.edu.cn/centos/$releasever/contrib/$basearch/
#mirrorlist=http://mirrorlist.centos.org/?release=$releasever&arch=$basearch&
↳repo=contrib
gpgcheck=1
enabled=0
gpgkey=https://mirrors.nwafu.edu.cn/centos/RPM-GPG-KEY-CentOS-6
```

这是 CentOS 7 的:

```
# CentOS-Base.repo
#
# The mirror system uses the connecting IP address of the client and the
# update status of each mirror to pick mirrors that are updated to and
# geographically close to the client.  You should use this for CentOS updates
# unless you are manually picking other mirrors.
#
# If the mirrorlist= does not work for you, as a fall back you can try the
# remarked out baseurl= line instead.
#
#

[base]
name=CentOS-$releasever - Base
#mirrorlist=http://mirrorlist.centos.org/?release=$releasever&arch=$basearch&repo=os
baseurl=https://mirrors.nwafu.edu.cn/centos/$releasever/os/$basearch/
gpgcheck=1
gpgkey=file:///etc/pki/rpm-gpg/RPM-GPG-KEY-CentOS-7

#released updates
[updates]
name=CentOS-$releasever - Updates
# mirrorlist=http://mirrorlist.centos.org/?release=$releasever&arch=$basearch&
↪repo=updates
baseurl=https://mirrors.nwafu.edu.cn/centos/$releasever/updates/$basearch/
gpgcheck=1
gpgkey=file:///etc/pki/rpm-gpg/RPM-GPG-KEY-CentOS-7

#additional packages that may be useful
[extras]
name=CentOS-$releasever - Extras
# mirrorlist=http://mirrorlist.centos.org/?release=$releasever&arch=$basearch&
↪repo=extras
baseurl=https://mirrors.nwafu.edu.cn/centos/$releasever/extras/$basearch/
gpgcheck=1
gpgkey=file:///etc/pki/rpm-gpg/RPM-GPG-KEY-CentOS-7

#additional packages that extend functionality of existing packages
[centosplus]
name=CentOS-$releasever - Plus
# mirrorlist=http://mirrorlist.centos.org/?release=$releasever&arch=$basearch&
↪repo=centosplus
baseurl=https://mirrors.nwafu.edu.cn/centos/$releasever/centosplus/$basearch/
gpgcheck=1
```

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```
enabled=0
gpgkey=file:///etc/pki/rpm-gpg/RPM-GPG-KEY-CentOS-7
```

运行 `sudo yum makecache` 生成缓存。

2.6 相关链接

官方主页 <https://www.centos.org/>

邮件列表 <https://www.centos.org/modules/tinycontent/index.php?id=16>

论坛 <https://www.centos.org/modules/newbb/>

文档 <https://www.centos.org/docs/>

Wiki <https://wiki.centos.org/>

镜像列表 <https://www.centos.org/modules/tinycontent/index.php?id=32>

3.1 地址

<https://mirrors.nwafu.edu.cn/docker-ce/>

3.2 说明

Docker CE 仓库镜像

3.3 收录架构

所有 Docker CE 官方支持的架构

3.4 收录版本

所有 Docker CE 官方支持的版本

3.5 收录平台

所有 Docker CE 官方支持的平台（包括 Linux、Windows、macOS），具体请查看 官方说明。

3.6 使用说明

安装 Docker CE，请按照 [官方安装文档](#)，选择你对应的系统。以 Ubuntu 为例，参考 [官方 Ubuntu 安装 Docker CE 手册](#) 进行安装。在阅读官方安装手册时，只要把 `download.docker.com` 地址换成 `mirrors.nwafu.edu.cn/docker-ce` 即可。

CentOS、Fedora 等用户在下载 `docker-ce.repo` 文件后，还需要将该文件中的 `download.docker.com` 地址换成 `mirrors.nwafu.edu.cn/docker-ce`。

小技巧： 以上 Docker CE 的官方文档有中文版，但更新可能不如英文版及时，请移步 <https://docs.docker-cn.com/engine/installation/>。

3.7 相关链接

Docker 官网 <https://www.docker.com/>

Docker Store <https://store.docker.com/>

Docker Hub <https://hub.docker.com/>

Homebrew Cask Versions 索引仓库

4.1 地址

<https://mirrors.nwafu.edu.cn/homebrew-cask-versions.git>

4.2 说明

Homebrew Cask Versions 仓库提供了 *Homebrew Cask* 索引仓库 仓库中部分软件的其他版本。

4.3 使用说明

替换镜像：

```
cd "$(brew --repo)"/Library/Taps/homebrew/homebrew-cask-versions
git remote set-url origin https://mirrors.nwafu.edu.cn/homebrew-cask-versions.git
```

重置为官方地址：

```
cd "$(brew --repo)"/Library/Taps/homebrew/homebrew-cask-versions
git remote set-url origin https://github.com/Homebrew/homebrew-cask-versions
```

4.4 相关镜像

- *Homebrew* 源代码仓库
- *Homebrew Core* 索引仓库
- *Homebrew Cask* 索引仓库

4.5 相关链接

Homebrew <https://brew.sh/>

Homebrew Cask 索引仓库

5.1 地址

<https://mirrors.nwafu.edu.cn/homebrew-cask.git/>

5.2 说明

Homebrew Cask 软件仓库，提供 macOS 应用和大型二进制文件

5.3 使用说明

替换镜像：

```
cd "$(brew --repo)"/Library/Taps/homebrew/homebrew-cask
git remote set-url origin https://mirrors.nwafu.edu.cn/homebrew-cask.git
```

重置为官方地址：

```
cd "$(brew --repo)"/Library/Taps/homebrew/homebrew-cask
git remote set-url origin https://github.com/Homebrew/homebrew-cask
```

注解: Caskroom 的 Git 地址在 2018 年 5 月 25 日从 <https://github.com/caskroom/homebrew-cask> 迁移到了 <https://github.com/Homebrew/homebrew-cask>。如果需要 `homebrew-cask-versions` 的镜像, 参见 *Homebrew Cask Versions* 索引仓库。

5.4 相关镜像

- *Homebrew* 源代码仓库
- *Homebrew Core* 索引仓库
- *Homebrew Cask Versions* 索引仓库

5.5 相关链接

官方主页 <https://caskroom.github.io>

Homebrew <https://brew.sh/>

Homebrew Core 索引仓库

6.1 地址

<https://mirrors.nwafu.edu.cn/homebrew-core.git/>

6.2 说明

Homebrew 核心软件仓库

6.3 使用说明

替换镜像：

```
cd "$(brew --repo)/Library/Taps/homebrew/homebrew-core"
git remote set-url origin https://mirrors.nwafu.edu.cn/homebrew-core.git
```

重置为官方地址：

```
cd "$(brew --repo)/Library/Taps/homebrew/homebrew-core"
git remote set-url origin https://github.com/Homebrew/homebrew-core
```

6.4 相关镜像

- *Homebrew* 源代码仓库
- *Homebrew Cask* 索引仓库
- *Homebrew Cask Versions* 索引仓库

6.5 相关链接

官方主页 <http://brew.sh/>

brew 文档 <http://docs.brew.sh/>

IUS Community 软件包仓库

7.1 地址

<https://mirrors.nwafu.edu.cn/ius/>

7.2 说明

IUS Community 软件包仓库

7.3 收录架构

x86_64, i386

8.1 地址

<https://mirrors.nwafu.edu.cn/kali/>

8.2 说明

Kali Linux 软件源

8.3 支持的系统架构

amd64, armel, armhf, i386

8.4 使用说明

编辑 `/etc/apt/sources.list` 文件, 将文件内容替换为:

```
deb https://mirrors.nwafu.edu.cn/kali kali-rolling main non-free contrib
deb-src https://mirrors.nwafu.edu.cn/kali kali-rolling main non-free contrib
```

更改完 `sources.list` 文件后请运行 `sudo apt-get update` 更新索引以生效。

8.5 相关链接

Kali Linux 主页 <https://www.kali.org/>

论坛 <http://forums.kali.org/>

文档 <https://www.kali.org/kali-linux-documentation/>

9.1 地址

<https://mirrors.nwafu.edu.cn/pypi/>

9.2 说明

Python 软件包索引

9.3 使用说明

临时使用：

```
pip install -i https://mirrors.nwafu.edu.cn/pypi some-package
```

若要更换默认源，请先将 pip 升级到最新版 ($\geq 10.0.0$) 后执行：

```
pip install pip -U  
pip config set global.index-url https://mirrors.nwafu.edu.cn/pypi
```

9.4 相关链接

Python <https://www.python.org/>

PyPI <https://pypi.org/>

清华大学开源镜像站 <https://mirrors.tuna.tsinghua.edu.cn/>

9.5 注意

根据清华大学和中国科学技术大学开源镜像站的汇报, `bandersnatch` 同步 `pypi` 镜像会导致部分软件包安装、使用出现异常。

9.6 鸣谢

PyPI 是以反向代理 清华大学开源镜像站提供的 **PyPI** 镜像 的方式提供的。尽管我们的服务器上设置了对资源进行缓存, 反向代理的方式依然会持续对上游服务器产生压力。在此, 感谢清华大学开源镜像站的支持。

CHAPTER 10

Ubuntu 软件包仓库

10.1 地址

<https://mirrors.nwafu.edu.cn/ubuntu/>

10.2 说明

Ubuntu 软件源

10.3 收录架构

AMD64 (x86_64), Intel x86

10.4 收录版本

所有 Ubuntu 当前支持的版本，包括开发版，具体版本见 <https://wiki.ubuntu.com/Releases>

10.5 使用说明

警告： 操作前请做好相应备份

一般情况下，将 `/etc/apt/sources.list` 文件中 Ubuntu 默认的源地址 `http://archive.ubuntu.com/` 替换为 `https://mirrors.nwafu.edu.cn` 即可。

可以使用如下命令：

```
sudo sed -i 's/archive.ubuntu.com/mirrors.nwafu.edu.cn/g' /etc/apt/sources.list
```

小技巧： 如果你在安装时选择的语言不是英语，默认的源地址通常不是 `http://archive.ubuntu.com/`，而是 `http://<country-code>.archive.ubuntu.com/ubuntu/`，如 `http://cn.archive.ubuntu.com/ubuntu/`，此时只需将上面的命令进行相应的替换即可，即 `sudo sed -i 's/cn.archive.ubuntu.com/mirrors.nwafu.edu.cn/g' /etc/apt/sources.list`。

也可以直接编辑 `/etc/apt/sources.list` 文件（需要使用 `sudo`）。以下是 Ubuntu 18.04 参考配置内容：

```
# 默认注释了源码仓库，如有需要可自行取消注释
deb https://mirrors.nwafu.edu.cn/ubuntu/ bionic main restricted universe multiverse
# deb-src https://mirrors.nwafu.edu.cn/ubuntu/ bionic main restricted universe_
↳multiverse
deb https://mirrors.nwafu.edu.cn/ubuntu/ bionic-updates main restricted universe_
↳multiverse
# deb-src https://mirrors.nwafu.edu.cn/ubuntu/ bionic-updates main restricted_
↳universe multiverse
deb https://mirrors.nwafu.edu.cn/ubuntu/ bionic-backports main restricted universe_
↳multiverse
# deb-src https://mirrors.nwafu.edu.cn/ubuntu/ bionic-backports main restricted_
↳universe multiverse
deb https://mirrors.nwafu.edu.cn/ubuntu/ bionic-security main restricted universe_
↳multiverse
# deb-src https://mirrors.nwafu.edu.cn/ubuntu/ bionic-security main restricted_
↳universe multiverse

# 预发布软件源，不建议启用
# deb https://mirrors.nwafu.edu.cn/ubuntu/ bionic-proposed main restricted universe_
↳multiverse
# deb-src https://mirrors.nwafu.edu.cn/ubuntu/ bionic-proposed main restricted_
↳universe multiverse
```

更改完 `sources.list` 文件后请运行 `sudo apt-get update` 更新索引以生效。

小技巧: 使用 HTTPS 可以有效避免国内运营商的缓存劫持。

10.5.1 镜像下载

如果需要下载 Ubuntu 的 ISO 镜像以便安装，请参考 *Ubuntu Releases*

10.6 相关链接

官方主页 <https://www.ubuntu.com/>

文档 <https://help.ubuntu.com/>

Wiki <https://wiki.ubuntu.com/>

邮件列表 <https://community.ubuntu.com/contribute/support/maillinglists/>

提问 <https://askubuntu.com/>

论坛 <https://ubuntuforums.org/>

中文论坛 <https://forum.ubuntu.org.cn/>

11.1 地址

<https://mirrors.nwafu.edu.cn/ubuntu-releases/>

11.2 说明

Ubuntu 镜像

11.3 收录架构

x86_64

11.4 收录版本

Ubuntu 发布的最近一个或两个短期支持版本和长期支持版本，目前是 18.04.* 和 18.10。

11.5 使用说明

Ubuntu 当前支持的版本的 ISO 镜像，下载请直接前往 <https://mirrors.nwafu.edu.cn/ubuntu-releases/>

Homebrew Source Code Repository

12.1 URL

<https://mirrors.nwafu.edu.cn/brew.git/>

12.2 Usage

Replace to mirror URL:

```
cd "$(brew --repo)"
git remote set-url origin https://mirrors.nwafu.edu.cn/brew.git
```

Reset to official URL:

```
cd "$(brew --repo)"
git remote set-url origin https://github.com/Homebrew/brew.git
```

12.3 Related Mirrors

- *Homebrew Core Index Repository*
- *Homebrew Cask Index Repository*

- *Homebrew Cask Versions Index Repository*

12.4 See also

Official Website <http://brew.sh/>

brew Documentation <http://docs.brew.sh/>

13.1 URL

<https://mirrors.nwafu.edu.cn/centos/>

13.2 Architectures

x86_64, i386

13.3 Versions

All versions supported by RedHat.

13.4 Usage

Backup `CentOS-Base.repo`

```
mv /etc/yum.repos.d/CentOS-Base.repo /etc/yum.repos.d/CentOS-Base.repo.backup
```

Download the correct `CentOS-Base.repo` of your version, put it inside `/etc/yum.repos.d/`.

This is the `CentOS-Base.repo` for CentOS 5:

```
# CentOS-Base.repo
#
# The mirror system uses the connecting IP address of the client and the
# update status of each mirror to pick mirrors that are updated to and
# geographically close to the client.  You should use this for CentOS updates
# unless you are manually picking other mirrors.
#
# If the mirrorlist= does not work for you, as a fall back you can try the
# remarked out baseurl= line instead.
#
#

[base]
name=CentOS-$releasever - Base - mirrors.nwafu.edu.cn
baseurl=https://mirrors.nwafu.edu.cn/centos/$releasever/os/$basearch/
#mirrorlist=http://mirrorlist.centos.org/?release=$releasever&arch=$basearch&repo=os
gpgcheck=1
gpgkey=https://mirrors.nwafu.edu.cn/centos/RPM-GPG-KEY-CentOS-5

#released updates
[updates]
name=CentOS-$releasever - Updates - mirrors.nwafu.edu.cn
baseurl=https://mirrors.nwafu.edu.cn/centos/$releasever/updates/$basearch/
#mirrorlist=http://mirrorlist.centos.org/?release=$releasever&arch=$basearch&
↪repo=updates
gpgcheck=1
gpgkey=https://mirrors.nwafu.edu.cn/centos/RPM-GPG-KEY-CentOS-5

#additional packages that may be useful
[extras]
name=CentOS-$releasever - Extras - mirrors.nwafu.edu.cn
baseurl=https://mirrors.nwafu.edu.cn/centos/$releasever/extras/$basearch/
#mirrorlist=http://mirrorlist.centos.org/?release=$releasever&arch=$basearch&
↪repo=extras
gpgcheck=1
gpgkey=https://mirrors.nwafu.edu.cn/centos/RPM-GPG-KEY-CentOS-5

#packages used/produced in the build but not released
[addons]
name=CentOS-$releasever - Addons - mirrors.nwafu.edu.cn
baseurl=https://mirrors.nwafu.edu.cn/centos/$releasever/addons/$basearch/
#mirrorlist=http://mirrorlist.centos.org/?release=$releasever&arch=$basearch&
↪repo=addons
gpgcheck=1
```

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```

pgpkey=https://mirror.centos.org/centos/RPM-GPG-KEY-CentOS-5

#additional packages that extend functionality of existing packages
[centosplus]
name=CentOS-$releasever - Plus - mirrors.nwafu.edu.cn
baseurl=https://mirrors.nwafu.edu.cn/centos/$releasever/centosplus/$basearch/
#mirrorlist=http://mirrorlist.centos.org/?release=$releasever&arch=$basearch&
↳repo=centosplus
gpgcheck=1
enabled=0
pgpkey=https://mirrors.nwafu.edu.cn/centos/RPM-GPG-KEY-CentOS-5

#contrib - packages by Centos Users
[contrib]
name=CentOS-$releasever - Contrib - mirrors.nwafu.edu.cn
baseurl=https://mirrors.nwafu.edu.cn/centos/$releasever/contrib/$basearch/
#mirrorlist=http://mirrorlist.centos.org/?release=$releasever&arch=$basearch&
↳repo=contrib
gpgcheck=1
enabled=0
pgpkey=https://mirrors.nwafu.edu.cn/centos/RPM-GPG-KEY-CentOS-5

```

This is for CentOS 6:

```

# CentOS-Base.repo
#
# The mirror system uses the connecting IP address of the client and the
# update status of each mirror to pick mirrors that are updated to and
# geographically close to the client. You should use this for CentOS updates
# unless you are manually picking other mirrors.
#
# If the mirrorlist= does not work for you, as a fall back you can try the
# remarked out baseurl= line instead.
#
#

[base]
name=CentOS-$releasever - Base - mirrors.nwafu.edu.cn
baseurl=https://mirrors.nwafu.edu.cn/centos/$releasever/os/$basearch/
#mirrorlist=http://mirrorlist.centos.org/?release=$releasever&arch=$basearch&repo=os
gpgcheck=1
pgpkey=https://mirrors.nwafu.edu.cn/centos/RPM-GPG-KEY-CentOS-6

#released updates

```

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```
[updates]
name=CentOS-$releasever - Updates - mirrors.nwafu.edu.cn
baseurl=https://mirrors.nwafu.edu.cn/centos/$releasever/updates/$basearch/
#mirrorlist=http://mirrorlist.centos.org/?release=$releasever&arch=$basearch&
↳repo=updates
gpgcheck=1
gpgkey=https://mirrors.nwafu.edu.cn/centos/RPM-GPG-KEY-CentOS-6

#additional packages that may be useful
[extras]
name=CentOS-$releasever - Extras - mirrors.nwafu.edu.cn
baseurl=https://mirrors.nwafu.edu.cn/centos/$releasever/extras/$basearch/
#mirrorlist=http://mirrorlist.centos.org/?release=$releasever&arch=$basearch&
↳repo=extras
gpgcheck=1
gpgkey=https://mirrors.nwafu.edu.cn/centos/RPM-GPG-KEY-CentOS-6

#additional packages that extend functionality of existing packages
[centosplus]
name=CentOS-$releasever - Plus - mirrors.nwafu.edu.cn
baseurl=https://mirrors.nwafu.edu.cn/centos/$releasever/centosplus/$basearch/
#mirrorlist=http://mirrorlist.centos.org/?release=$releasever&arch=$basearch&
↳repo=centosplus
gpgcheck=1
enabled=0
gpgkey=https://mirrors.nwafu.edu.cn/centos/RPM-GPG-KEY-CentOS-6

#contrib - packages by Centos Users
[contrib]
name=CentOS-$releasever - Contrib - mirrors.nwafu.edu.cn
baseurl=https://mirrors.nwafu.edu.cn/centos/$releasever/contrib/$basearch/
#mirrorlist=http://mirrorlist.centos.org/?release=$releasever&arch=$basearch&
↳repo=contrib
gpgcheck=1
enabled=0
gpgkey=https://mirrors.nwafu.edu.cn/centos/RPM-GPG-KEY-CentOS-6
```

And this is for CentOS 7:

```
# CentOS-Base.repo
#
# The mirror system uses the connecting IP address of the client and the
# update status of each mirror to pick mirrors that are updated to and
# geographically close to the client. You should use this for CentOS updates
```


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```
# unless you are manually picking other mirrors.
#
# If the mirrorlist= does not work for you, as a fall back you can try the
# remarked out baseurl= line instead.
#
#

[base]
name=CentOS-$releasever - Base
#mirrorlist=http://mirrorlist.centos.org/?release=$releasever&arch=$basearch&repo=os
baseurl=https://mirrors.nwafu.edu.cn/centos/$releasever/os/$basearch/
gpgcheck=1
gpgkey=file:///etc/pki/rpm-gpg/RPM-GPG-KEY-CentOS-7

#released updates
[updates]
name=CentOS-$releasever - Updates
# mirrorlist=http://mirrorlist.centos.org/?release=$releasever&arch=$basearch&
↪repo=updates
baseurl=https://mirrors.nwafu.edu.cn/centos/$releasever/updates/$basearch/
gpgcheck=1
gpgkey=file:///etc/pki/rpm-gpg/RPM-GPG-KEY-CentOS-7

#additional packages that may be useful
[extras]
name=CentOS-$releasever - Extras
# mirrorlist=http://mirrorlist.centos.org/?release=$releasever&arch=$basearch&
↪repo=extras
baseurl=https://mirrors.nwafu.edu.cn/centos/$releasever/extras/$basearch/
gpgcheck=1
gpgkey=file:///etc/pki/rpm-gpg/RPM-GPG-KEY-CentOS-7

#additional packages that extend functionality of existing packages
[centosplus]
name=CentOS-$releasever - Plus
# mirrorlist=http://mirrorlist.centos.org/?release=$releasever&arch=$basearch&
↪repo=centosplus
baseurl=https://mirrors.nwafu.edu.cn/centos/$releasever/centosplus/$basearch/
gpgcheck=1
enabled=0
gpgkey=file:///etc/pki/rpm-gpg/RPM-GPG-KEY-CentOS-7
```

After that, run `sudo yum makecache` to apply them.

13.5 See also

CentOS Website <https://www.centos.org/>

CentOS Mailing List <https://www.centos.org/modules/tinycontent/index.php?id=16>

CentOS Forum <https://www.centos.org/modules/newbb/>

CentOS Docs <https://www.centos.org/docs/>

CentOS Wiki <https://wiki.centos.org/>

CentOS Mirrors List <https://www.centos.org/modules/tinycontent/index.php?id=32>

14.1 URL

<https://mirrors.nwafu.edu.cn/docker-ce/>

14.2 Architectures and versions

All architectures and versions supported by Docker Inc.

14.3 Platforms

All platforms supported by Docker Inc, includes Linux, Windows and macOS. For further information, see [Official Documentation](#) .

14.4 Usage

Install Docker CE as described in [Official Installation Documentation](#). For Ubuntu/Debian users, just replace `download.docker.com` with `mirrors.nwafu.edu.cn/docker-ce` while installing. For CentOS/Fedora users, edit `docker-ce.repo` and replace `download.docker.com` with `mirrors.nwafu.edu.cn/docker-ce`.

14.5 See also

Docker Website <https://www.docker.com/>

Docker Store <https://store.docker.com/>

Docker Hub <https://hub.docker.com/>

Homebrew Cask Versions Index Repository

15.1 URL

<https://mirrors.nwafu.edu.cn/homebrew-cask-versions.git>

15.2 Description

Homebrew Cask Versions repository provides alternative versions of some softwares in *Homebrew Cask Index Repository*.

15.3 Usage

Replace with mirror URL:

```
cd "$(brew --repo)"/Library/Taps/homebrew/homebrew-cask-versions
git remote set-url origin https://mirrors.nwafu.edu.cn/homebrew-cask-versions.git
```

Reset to official URL:

```
cd "$(brew --repo)"/Library/Taps/homebrew/homebrew-cask-versions
git remote set-url origin https://github.com/Homebrew/homebrew-cask-versions
```

15.4 Related mirrors

- *Homebrew Source Code Repository*
- *Homebrew Core Index Repository*
- *Homebrew Cask Index Repository*

15.5 See also

Homebrew <https://brew.sh/>

Homebrew Cask Index Repository

16.1 URL

<https://mirrors.nwafu.edu.cn/homebrew-cask.git/>

16.2 Description

Homebrew Cask Repository, includes macOS applications and large softwares

16.3 Usage

Replace with mirror URL:

```
cd "$(brew --repo)"/Library/Taps/homebrew/homebrew-cask
git remote set-url origin https://mirrors.nwafu.edu.cn/homebrew-cask.git
```

Reset to official URL:

```
cd "$(brew --repo)"/Library/Taps/homebrew/homebrew-cask
git remote set-url origin https://github.com/Homebrew/homebrew-cask
```

16.4 Related mirrors

- *Homebrew Source Code Repository*
- *Homebrew Core Index Repository*
- *Homebrew Cask Versions Index Repository*

16.5 See also

Official Website <https://caskroom.github.io>

Homebrew <https://brew.sh/>

Homebrew Core Index Repository

17.1 URL

<https://mirrors.nwafu.edu.cn/homebrew-core.git/>

17.2 Description

Homebrew Core software repository

17.3 Usage

Replace with mirror URL:

```
cd "$(brew --repo)/Library/Taps/homebrew/homebrew-core"
git remote set-url origin https://mirrors.nwafu.edu.cn/homebrew-core.git
```

Reset to official URL:

```
cd "$(brew --repo)/Library/Taps/homebrew/homebrew-core"
git remote set-url origin https://github.com/Homebrew/homebrew-core
```

17.4 Related mirrors

- *Homebrew Source Code Repository*
- *Homebrew Cask Index Repository*
- *Homebrew Cask Versions Index Repository*

17.5 See also

Official Website <http://brew.sh/>

brew Docs <http://docs.brew.sh/>

18.1 URL

<https://mirrors.nwafu.edu.cn/kali/>

18.2 Architectures

amd64, armel, armhf, i386

18.3 Usage

Edit `/etc/apt/sources.list`:

```
deb https://mirrors.nwafu.edu.cn/kali kali-rolling main non-free contrib
deb-src https://mirrors.nwafu.edu.cn/kali kali-rolling main non-free contrib
```

After editing `sources.list`, run `sudo apt-get update` to apply changes.

18.4 See also

Kali Linux Official Website <https://www.kali.org/>

Kali Forum <http://forums.kali.org/>

Kali Docs <https://www.kali.org/kali-linux-documentation/>

19.1 URL

<https://mirrors.nwafu.edu.cn/pypi/>

19.2 Description

Python Package Index

19.3 Usage

For temporary usage:

```
pip install -i https://mirrors.nwafu.edu.cn/pypi some-package
```

To use this as default index, upgrade your pip to the latest version ($\geq 10.0.0$) and execute following commands:

```
pip install pip -U  
pip config set global.index-url https://mirrors.nwafu.edu.cn/pypi
```

19.4 See also

Python <https://www.python.org/>

PyPI <https://pypi.org/>

Tsinghua University OSS Mirrors <https://mirrors.tuna.tsinghua.edu.cn/>

19.5 Notice

OSS Mirrors of Tsinghua University and University of Science and Technology of China have reported that pypi mirrors (mirrored by bandersnatch) can cause malfunctions when installing or using packages.

19.6 Acknowledgement

This PyPI mirror is reverse-proxying [PyPi mirror provided by Tsinghua University Open Source Software Mirrors](#) . Although we have configured the server to cache resources, this method will continuously create network traffic to the upstream. So, we hereby acknowledge the help and support of the maintenance team of Tsinghua University Open Source Software Mirrors.

20.1 URL

<https://mirrors.nwafu.edu.cn/ubuntu/>

20.2 Architecture

AMD64 (x86_64), Intel x86

20.3 Versions

All versions supported by Canonical Inc. See <https://wiki.ubuntu.com/Releases> .

20.4 Usage

警告: Backup `/etc/apt/sources.list` before editing it.

Edit `/etc/apt/sources.list`, replace `http://archive.ubuntu.com/` with `https://mirrors.nwafu.edu.cn`.

You can use this command to do that:

```
sudo sed -i 's/archive.ubuntu.com/mirrors.nwafu.edu.cn/g' /etc/apt/sources.list
```

小技巧: Sometimes, your default mirror may be `http://<country-code>.archive.ubuntu.com/` instead of `http://archive.ubuntu.com/`, such as `http://cn.archive.ubuntu.com/`. Now, you need to use this command: `sudo sed -i 's/cn.archive.ubuntu.com/mirrors.nwafu.edu.cn/g' /etc/apt/sources.list`.

This is the `/etc/apt/sources.list` file of Ubuntu 18.04 LTS.

```
# Source code repository are commented by default.
deb https://mirrors.nwafu.edu.cn/ubuntu/ bionic main restricted universe multiverse
# deb-src https://mirrors.nwafu.edu.cn/ubuntu/ bionic main restricted universe
↳multiverse
deb https://mirrors.nwafu.edu.cn/ubuntu/ bionic-updates main restricted universe
↳multiverse
# deb-src https://mirrors.nwafu.edu.cn/ubuntu/ bionic-updates main restricted
↳universe multiverse
deb https://mirrors.nwafu.edu.cn/ubuntu/ bionic-backports main restricted universe
↳multiverse
# deb-src https://mirrors.nwafu.edu.cn/ubuntu/ bionic-backports main restricted
↳universe multiverse
deb https://mirrors.nwafu.edu.cn/ubuntu/ bionic-security main restricted universe
↳multiverse
# deb-src https://mirrors.nwafu.edu.cn/ubuntu/ bionic-security main restricted
↳universe multiverse

# Pre-release, not suggested
# deb https://mirrors.nwafu.edu.cn/ubuntu/ bionic-proposed main restricted universe
↳multiverse
# deb-src https://mirrors.nwafu.edu.cn/ubuntu/ bionic-proposed main restricted
↳universe multiverse
```

After editing `sources.list`, run `sudo apt-get update` to apply changes.

小技巧: We highly recommend you to use HTTPS to access mirror.

20.5 Related mirrors

- [Ubuntu Releases](#)

20.6 See also

Ubuntu Official Website <https://www.ubuntu.com/>

Ubuntu docs <https://help.ubuntu.com/>

Ubuntu Wiki <https://wiki.ubuntu.com/>

Ubuntu Mailing List <https://community.ubuntu.com/contribute/support/maillinglists/>

AskUbuntu <https://askubuntu.com/>

Ubuntu Forum <https://ubuntuforums.org/>

21.1 URL

<https://mirrors.nwafu.edu.cn/ubuntu-releases/>

21.2 Architectures

x86_64

21.3 Versions

Latest STS and LTS. Currently 18.04.* and 18.10.

21.4 Usage

Go to <https://mirrors.nwafu.edu.cn/ubuntu-releases/> and download.