

# yum网络源的搭建

主讲教师：虞菊花



# 任务引入

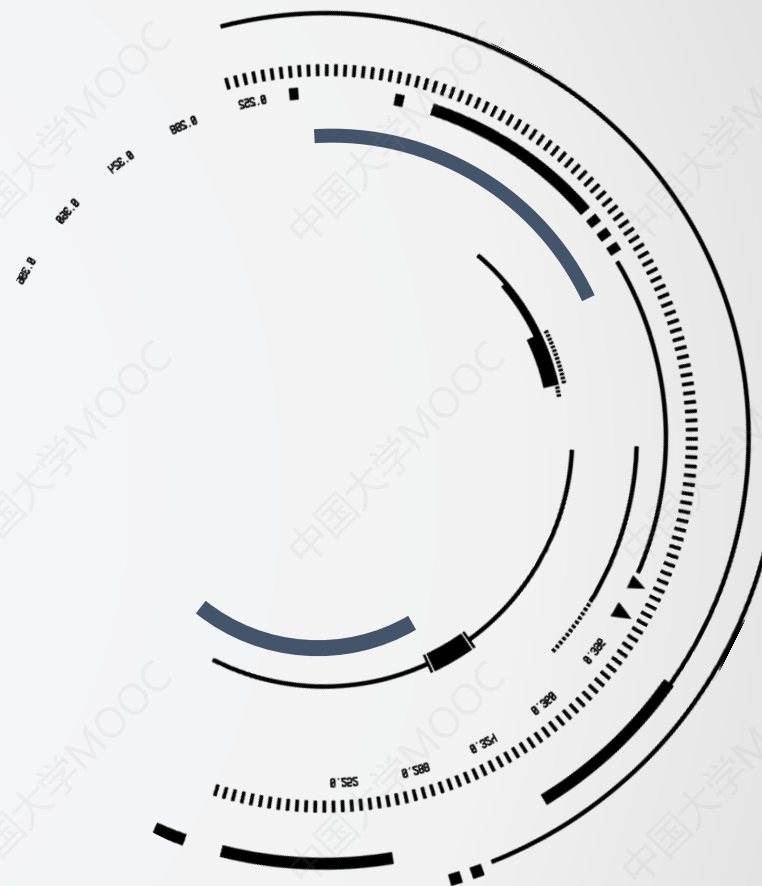


常州信息职业技术学院

yum在线安装软件：联网！



**yum网络源！**



# 网络源的简介



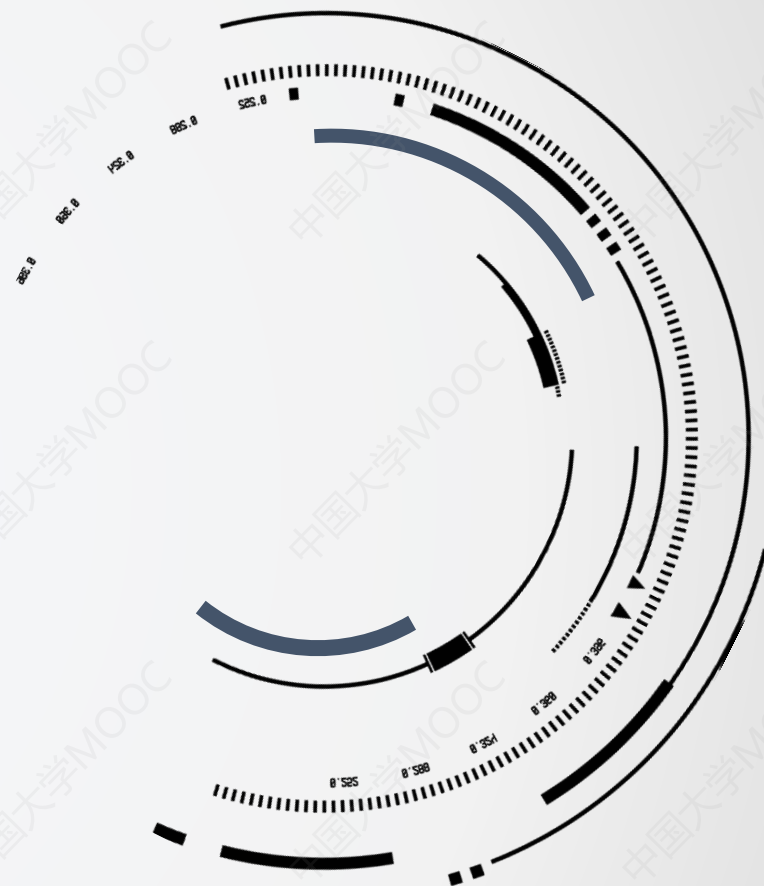
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yum本地源：只有本机可用

yum网络源：只要联网的Linux操作系统服务器都可使用

- ◆ 确保：联网！
- ◆ 默认配置文件：CentOS-Base.repo
- ◆ 常用的国内yum网络源：

阿里云yum源、网易163yum源、清华大学yum源、中科大yum源。

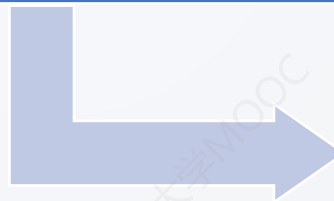


搭建yum网络源，主要步骤：

1. 联网测试



2. 修改yum网络源配置文件



3. 测试验证



```
[root@ccit ~]# ping www.baidu.com
PING www.a.shifen.com (180.101.49.12) 56(84) bytes of data.
64 bytes from 180.101.49.12 (180.101.49.12): icmp_seq=1 ttl=128 time=7.54 ms
64 bytes from 180.101.49.12 (180.101.49.12): icmp_seq=2 ttl=128 time=7.92 ms
64 bytes from 180.101.49.12 (180.101.49.12): icmp_seq=3 ttl=128 time=7.55 ms
64 bytes from 180.101.49.12 (180.101.49.12): icmp_seq=4 ttl=128 time=6.74 ms
^C
--- www.a.shifen.com ping statistics ---
4 packets transmitted, 4 received, 0% packet loss, time 3005ms
rtt min/avg/max/mdev = 6.741/7.440/7.924/0.444 ms
```

ping百度，确认是否处于**联网**状态！



yum网络源配置文件修改，主要有两种常用方式：

1

wget下载yum网络源配置文件，替代原yum网络源配置文件CentOS-Base.repo。

1. 安装wget工具：yum install wget

2. wget命令用于下载文件，其语法格式为： wget [选项] [URL]

- 下载网易163的yum源配置文件： wget <http://mirrors.163.com/.help/CentOS7-Base-163.repo>
- 下载网易163的yum源配置文件，将该文件保存到指定目录并重新命名：

wget -O /etc/yum.repos.d/CentOS-Base.repo <http://mirrors.163.com/.help/CentOS7-Base-163.repo>

2

手动修改yum网络源配置文件。





# 使用wget下载repo文件



## 1. 将/etc/yum.repos.d目录下的CentOS-Base.repo文件移动或重命名

```
[root@ccit yum.repos.d]# ll
total 32
-rw-r--r--. 1 root root 1664 Apr 29 2018 CentOS-Base.repo
-rw-r--r--. 1 root root 1309 Apr 29 2018 CentOS-CR.repo
-rw-r--r--. 1 root root 649 Apr 29 2018 CentOS-Debuginfo.repo
-rw-r--r--. 1 root root 314 Apr 29 2018 CentOS-fasttrack.repo
-rw-r--r--. 1 root root 630 Nov 2 12:40 CentOS-Media.repo
-rw-r--r--. 1 root root 1331 Apr 29 2018 CentOS-Sources.repo
-rw-r--r--. 1 root root 4768 Apr 29 2018 CentOS-Vault.repo
[root@ccit yum.repos.d]# mv CentOS-Base.repo CentOS-Base.repo.bak
[root@ccit yum.repos.d]# ll
total 32
-rw-r--r--. 1 root root 1664 Apr 29 2018 CentOS-Base.repo.bak
-rw-r--r--. 1 root root 1309 Apr 29 2018 CentOS-CR.repo
-rw-r--r--. 1 root root 649 Apr 29 2018 CentOS-Debuginfo.repo
-rw-r--r--. 1 root root 314 Apr 29 2018 CentOS-fasttrack.repo
-rw-r--r--. 1 root root 630 Nov 2 12:40 CentOS-Media.repo
-rw-r--r--. 1 root root 1331 Apr 29 2018 CentOS-Sources.repo
-rw-r--r--. 1 root root 4768 Apr 29 2018 CentOS-Vault.repo
```



# 使用wget下载repo文件



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## 2. 以阿里云yum源为例

```
[root@ccit yum.repos.d]# wget -O /etc/yum.repos.d/CentOS-Base.repo https://mirrors.aliyun.com/repo/Cent
os-7.repo
--2020-12-16 22:20:13-- https://mirrors.aliyun.com/repo/Centos-7.repo
Resolving mirrors.aliyun.com (mirrors.aliyun.com)... 61.147.223.243, 58.223.210.226, 58.215.158.243, ..
.
Connecting to mirrors.aliyun.com (mirrors.aliyun.com)|61.147.223.243|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 2523 (2.5K) [application/octet-stream]
Saving to: ' /etc/yum.repos.d/CentOS-Base.repo'

100%[=====>] 2,523      --.-K/s   in 0s

2020-12-16 22:20:13 (318 MB/s) - ' /etc/yum.repos.d/CentOS-Base.repo' saved [2523/2523]
```





## 3. 查看yum网络源配置文件

```
[base]
name=CentOS-$releasever - Base - mirrors.aliyun.com
failovermethod=priority
baseurl=http://mirrors.aliyun.com/centos/$releasever/os/$basearch/
        http://mirrors.aliyuncs.com/centos/$releasever/os/$basearch/
        http://mirrors.cloud.aliyuncs.com/centos/$releasever/os/$basearch/
gpgcheck=1
gpgkey=http://mirrors.aliyun.com/centos/RPM-GPG-KEY-CentOS-7

#released updates
[updates]
name=CentOS-$releasever - Updates - mirrors.aliyun.com
failovermethod=priority
baseurl=http://mirrors.aliyun.com/centos/$releasever/updates/$basearch/
        http://mirrors.aliyuncs.com/centos/$releasever/updates/$basearch/
        http://mirrors.cloud.aliyuncs.com/centos/$releasever/updates/$basearch/
gpgcheck=1
gpgkey=http://mirrors.aliyun.com/centos/RPM-GPG-KEY-CentOS-7
```



# 手动修改yum网络源配置文件



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mirrors.tuna.tsinghua.edu.cn/help/centos/

清华大学开源软件镜像站

HOME EVENTS BLOG RSS PODCAST MIRRORS

AOSP  
AUR  
AdoptOpenJDK  
CRAN  
CTAN  
CocoaPods  
alpine  
anaconda  
anthon  
arch4edu  
archlinux  
archlinuxarm  
archlinuxcn

## CentOS 镜像使用帮助

建议先备份 CentOS-Base.repo

```
sudo cp /etc/yum.repos.d/CentOS-Base.repo /etc/yum.repos.d/CentOS-Base.repo.bak
```

然后编辑 /etc/yum.repos.d/CentOS-Base.repo 文件，在 mirrorlist= 开头行前面加 # 注释掉；并将 baseurl= 开头行取消注释（如果被注释的话），把该行内的域名（例如 mirror.centos.org）替换为 mirrors.tuna.tsinghua.edu.cn。

或者，你也可以直接使用如下内容覆盖掉 /etc/yum.repos.d/CentOS-Base.repo 文件：（未经充分测试）

选择你的 CentOS 版本:

```
# 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.
#
#
```

Linux基础



## 1. 使用yum repolist命令查看现在使用的yum源列表

```
[root@ccit yum.repos.d]# yum repolist
Loaded plugins: fastestmirror
Loading mirror speeds from cached hostfile
* base: mirrors.aliyun.com
* extras: mirrors.aliyun.com
* updates: mirrors.aliyun.com
repo id                                repo name                                status
!base/7/x86_64                        CentOS-7 - Base - mirrors.aliyun.com    10,072
!extras/7/x86_64                      CentOS-7 - Extras - mirrors.aliyun.com  448
!updates/7/x86_64                     CentOS-7 - Updates - mirrors.aliyun.com 778
repolist: 11,298
```



2. 使用yum install命令，尝试安装一个软件，看是否能安装成功

```
[root@ccit yum.repos.d]# yum -y install epel-release
```

```
Running transaction
Installing : epel-release-7-11.noarch
Verifying  : epel-release-7-11.noarch
```

```
Installed:
  epel-release.noarch 0:7-11
```

```
Complete!
```

注意：yum安装前，

1. 执行**yum clean all**，清除所有缓存（以免受之前yum源的影响）！
2. 执行**yum makecache**，生成缓存（此命令可选，提高软件安装速度）。



# 操作演示





```
[root@ccit ~]# ping www.baidu.com ① 测试网络联通性
PING www.a.shifen.com (180.101.49.11) 56(84) bytes of data.
64 bytes from 180.101.49.11 (180.101.49.11): icmp_seq=1 ttl=128 time=8.41 ms
64 bytes from 180.101.49.11 (180.101.49.11): icmp_seq=2 ttl=128 time=7.37 ms
64 bytes from 180.101.49.11 (180.101.49.11): icmp_seq=3 ttl=128 time=8.02 ms
^C
--- www.a.shifen.com ping statistics --- ② 0%丢失, 表示联网
3 packets transmitted, 3 received, 0% packet loss, time 2004ms
rtt min/avg/max/mdev = 7.378/7.936/8.410/0.431 ms
[root@ccit ~]# █
```





### 1 新窗口打开链接 检查有效性





developer.aliyun.com/mirror/centos?spm=a2c6h.13651102.0.0.3e221b11TZmE56

CentOS, 是基于 Red Hat Linux 提供的可自由使用源代码的企业级 Linux 发行版本; 是一个稳定, 可预测, 可管理和可复制的免费企业级计算平台。

## 配置方法

### 1. 备份

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

### 2. 下载新的 CentOS-Base.repo 到 /etc/yum.repos.d/

CentOS 6

```
wget -O /etc/yum.repos.d/CentOS-Base.repo https://mirrors.aliyun.com/repo/Centos-6.repo
```

或者

1 阿里云官网软件仓库文件

```
curl -o /etc/yum.repos.d/CentOS-Base.repo https://mirrors.aliyun.com/repo/Centos-6.repo
```

CentOS 7

```
wget -O /etc/yum.repos.d/CentOS-Base.repo https://mirrors.aliyun.com/repo/Centos-7.repo
```

或者





阿里云 yum源\_百度搜索

Centos 7 配置阿里云yum源 - di

阿里巴巴开源镜像站-OPsx镜像

centos镜像-centos下

developer.aliyun.com/mirror/centos?spm=a2c6h.13651102.0.0.3e221b11TZmE56

CentOS，是基于 Red Hat Linux 提供的可自由使用源代码的企业级 Linux 发行版本；是一个稳定，可预测，可管理和可复制的免费企业级计算平台。

配置方法

1 yum源配置方法

1. 备份

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

2. 下载新的 CentOS-Base.repo

重命名yum网络源文件d/

CentOS 6

wget -O /etc/yum.repos.d/CentOS-Base.repo https://mirrors.aliyun.com/repo/Centos-6.repo

或者

curl -o /etc/yum.repos.d/CentOS-Base.repo https://mirrors.aliyun.com/repo/Centos-6.repo

CentOS 7

wget -O /etc/yum.repos.d/CentOS-Base.repo https://mirrors.aliyun.com/repo/Centos-7.repo

或者



```
[root@ccit ~]# ping www.baidu.com
PING www.a.shifen.com (180.101.49.11) 56(84) bytes of data.
64 bytes from 180.101.49.11 (180.101.49.11): icmp_seq=1 ttl=128 time=8.41 ms
64 bytes from 180.101.49.11 (180.101.49.11): icmp_seq=2 ttl=128 time=7.37 ms
64 bytes from 180.101.49.11 (180.101.49.11): icmp_seq=3 ttl=128 time=8.02 ms
^C
```

```
--- www.a.shifen.com ping statistics ---
```

```
3 packets transmitted, 3 received, 0% packet loss, time 2004ms
```

```
rtt min/avg/max/mdev = 7.378/7.936/8.410/0.431 ms
```

```
[root@ccit ~]# cd /etc/yum.repos.d/ ① 进入软件仓库配置文件目录
```

```
[root@ccit yum.repos.d]# ll
```

```
total 32
```

```
-rw-r--r--. 1 root root 1664 Apr 29 2018 CentOS-Base.repo
-rw-r--r--. 1 root root 1309 Apr 29 2018 CentOS-CR.repo
-rw-r--r--. 1 root root 649 Apr 29 2018 CentOS-Debuginfo.repo
-rw-r--r--. 1 root root 314 Apr 29 2018 CentOS-fasttrack.repo
-rw-r--r--. 1 root root 630 Nov 2 12:40 CentOS-Media.repo
-rw-r--r--. 1 root root 1331 Apr 29 2018 CentOS-Sources.repo
-rw-r--r--. 1 root root 4768 Apr 29 2018 CentOS-Vault.repo
```

```
[root@ccit yum.repos.d]# mv CentOS-Base.repo CentOS-Base.repo.bak
```

```
[root@ccit yum.repos.d]#
```

② 修改文件后缀备份





```
1 ccit × +
-rw-r--r--. 1 root root 1309 Apr 29 2018 CentOS-CR.repo
-rw-r--r--. 1 root root 649 Apr 29 2018 CentOS-Debuginfo.repo
-rw-r--r--. 1 root root 314 Apr 29 2018 CentOS-fasttrack.repo
-rw-r--r--. 1 root root 630 Nov 2 12:40 CentOS-Media.repo
-rw-r--r--. 1 root root 1331 Apr 29 2018 CentOS-Sources.repo
-rw-r--r--. 1 root root 4768 Apr 29 2018 CentOS-Vault.repo
[root@ccit yum.repos.d]# wget -O /etc/yum.repos.d/CentOS-Base.repo https://mirrors.aliyun.com/repos-7.repo
--2020-12-16 22:20:13-- https://mirrors.aliyun.com/repo/Centos-7.repo
Resolving mirrors.aliyun.com (mirrors.aliyun.com)... 61.147.223.243, 58.223.210.226, 58.215.158.2
Connecting to mirrors.aliyun.com (mirrors.aliyun.com)|61.147.223.243|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 2523 (2.5K) [application/octet-stream]
Saving to: '/etc/yum.repos.d/CentOS-Base.repo'

100%[=====>] 2,523      --.-K/s   in 0s

2020-12-16 22:20:13 (318 MB/s) - '/etc/yum.repos.d/CentOS-Base.repo' saved [2523/2523]

[root@ccit yum.repos.d]#
```

仅将文本发送到当前选项卡

已连接 192.168.200.100:22。

SSH2 xterm 103x21 21,26 1 会话



```
.
Connecting to mirrors.aliyun.com (mirrors.aliyun.com)|61.147.223.243|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 2523 (2.5K) [application/octet-stream]
Saving to: ' /etc/yum.repos.d/CentOS-Base.repo'

100%[=====>] 2,523      --.-K/s   in 0s

2020-12-16 22:20:13 (318 MB/s) - ' /etc/yum.repos.d/CentOS-Base.repo' saved [2523/2523]

[root@ccit yum.repos.d]# ll
total 36
-rw-r--r--. 1 root root 2523 Jun 16 2018 CentOS-Base.repo
-rw-r--r--. 1 root root 1664 Apr 29 2018 CentOS-Base.repo.bak
-rw-r--r--. 1 root root 1309 Apr 29 2018 CentOS-CR.repo
-rw-r--r--. 1 root root 649 Apr 29 2018 CentOS-Debuginfo.repo
-rw-r--r--. 1 root root 314 Apr 29 2018 CentOS-fasttrack.repo
-rw-r--r--. 1 root root 630 Nov 2 12:40 CentOS-Media.repo
-rw-r--r--. 1 root root 1331 Apr 29 2018 CentOS-Sources.repo
-rw-r--r--. 1 root root 4768 Apr 29 2018 CentOS-Vault.repo
[root@ccit yum.repos.d]# vi CentOS-Base.repo
```

1 已经下载CentOS-Base文件

2 打开查看该文件

仅将文本发送到当前选项卡



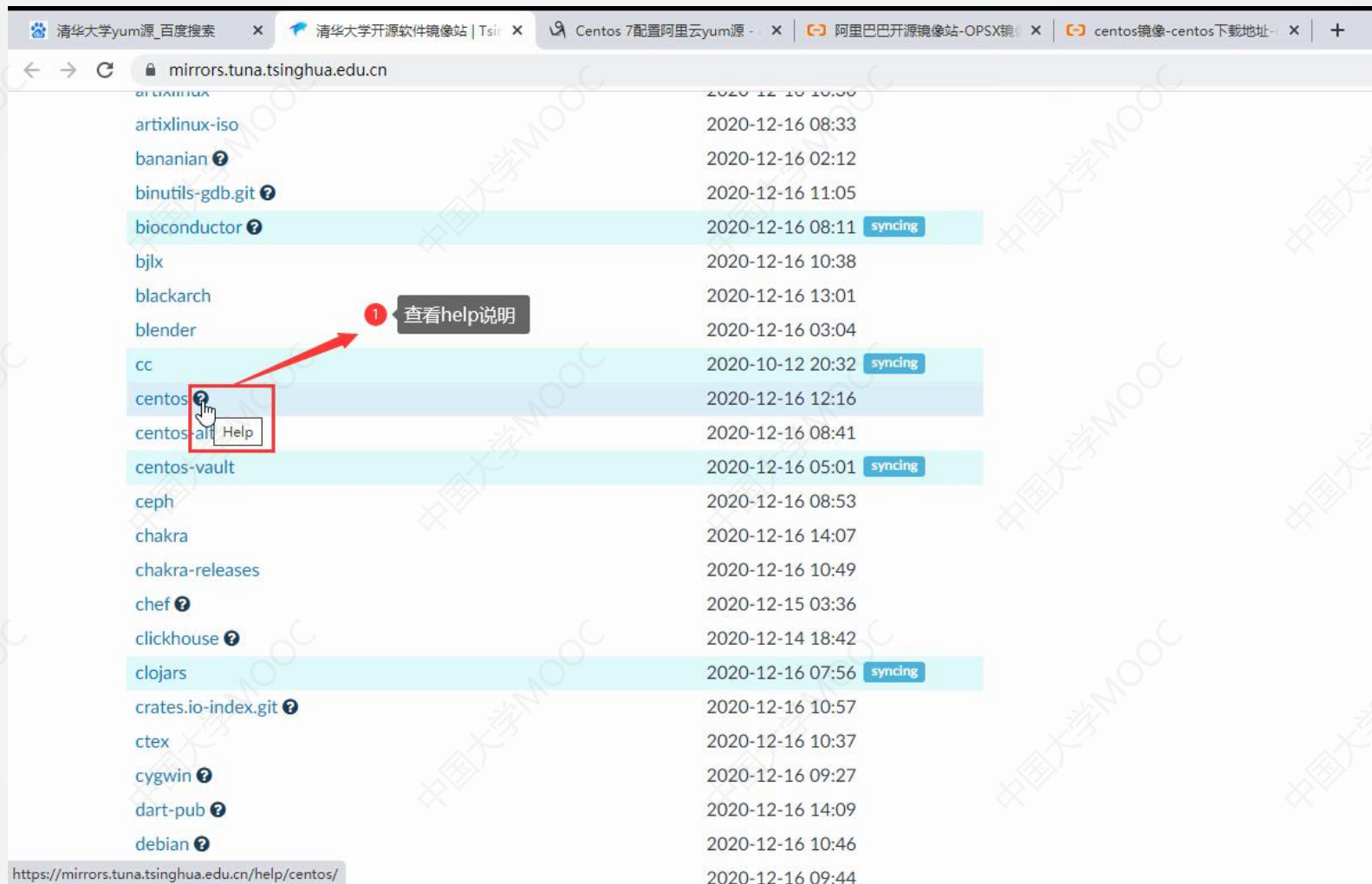


```
# CentOS-Base.repo
#
# The mirror system uses the connecting IP address of the client and the
# update status of each mirror to pick mirrors that are updated to and
# geographically close to the client.  You should use this for CentOS updates
# unless you are manually picking other mirrors.
#
# If the mirrorlist= does not work for you, as a fall back you can try the
# remarked out baseurl= line instead.
#
#
[base]
name=CentOS-$releasever - Base - mirrors.aliyun.com
failovermethod=priority
baseurl=http://mirrors.aliyun.com/centos/$releasever/os/$basearch/
        http://mirrors.aliyuncs.com/centos/$releasever/os/$basearch/
        http://mirrors.cloud.aliyuncs.com/centos/$releasever/os/$basearch/
gpgcheck=1
gpgkey=http://mirrors.aliyun.com/centos/RPM-GPG-KEY-CentOS-7
:q
```

1 baseurl地址已指向阿里云地址







清华大学yum源\_百度搜索

Centos 7配置阿里云yum源 - di x

阿里巴巴开源镜像站-OPSX镜像 x

centos镜像-centos下载地址-ce x

百度一下

清华大学yum源

百度为您找到相关结果约1,050,000个

**清华大学开源软件镜像站 | Tsinghua Open Source Mirror**

清华大学开源软件镜像站, 致力为国内和校内用户提供高质量的开源软件镜像、Linux镜像源服务, 帮助用户更方便地获取开源软件。本镜像站由清华大学TUNA团队负责维护。

mirrors.tuna.tsinghua.edu.cn/ 百度快照

**CentOS 7 更换 阿里云/清华大学 yum 软件源 - wswind - 博...**

2018年12月25日 清华: mv /etc/yum.repos.d/CentOS-Base.repo /etc/yum.repos.d/CentOS-Base.r  
epo.bak vi /etc/yum.repos.d/CentOS-Base.repo# CentOS-Base.repo## Th...

博客园 百度快照

**centos7配置国内yum源\_那年那些事儿-CSDN博客\_yum 源**

2018年12月2日 2、yum仓库配置 下面提供了清华大学和阿里两个镜像仓  
库配置操作说明, 实际使用时, 选择其中一个配置即可, 推荐使用清华大学的  
2.1、配置 清华大学镜像仓库(推荐) ...

CSDN技术社区 百度快照

**构造清华大学的yum源 - 公博义 - 博客园**

2020年4月11日 可以看到这样一条命令就把上面一步一步配置的清华大学的源解决了, 然后yum ma  
kecache生成缓存和yum repolist查看一下就可以了。 自动配置本地仓库: ...

博客园 百度快照

**清华大学yum源\_puppycuty的博客-CSDN博客**

2020年8月21日 最近在使用阿里云的epel yum源的时候, 总是会出现连接问题, 故考虑使用清华大  
学的yum源 清华大学开源软件镜像站 https://mirrors.tuna.tsinghua.edu.cn/...

www.baidu.com/link?url=QA5V7oJKVS3OpGiT3AvX\_XQgu\_ZGfh4CUelrEyD...

百度热搜

1 民航局回应川航飞行员确诊新冠 484万

2 美参议院共和党领袖祝贺拜登当选 467万

3 河南9岁孤女成老赖 法院: 我们错了 450万

4 澳总理: 支持中国大力发展经济 435万

5 洪欣否认与张丹峰离婚 419万

6 安徽国产鸡腿外包装检出核酸阳性 405万

7 中芯国际被曝内讧 CEO梁孟松请辞 390万

8 高档美容奢侈消费的女副部被捕 377万

9 小学生留字条后跳楼 活得太累 364万

10 明道吻女员工头发 网友: 辣眼睛 351万

11 韩国每月30万韩元重生孩子 339万

12 丁真 以前就放牛骑马现在要干活 327万

13 值得收藏! 20个创意词回顾2020 315万

14 拜登已提名运输部长 304万

15 向太晒向佐郭碧婷豪宅内景 294万



清华大学yum源\_百度搜索 x centos | 镜像站使用帮助 | 清 x Centos 7配置阿里云yum源 x 阿里巴巴开源镜像站-OPsx 镜像 centos镜像-centos下载地址 x +

mirrors.tuna.tsinghua.edu.cn/help/centos/

清华大学开源软件镜像站

HOME EVENTS BLOG RSS PODCAST MIRRORS

1 备份源文件

## CentOS 镜像使用帮助

建议先备份 CentOS-Base.repo

```
sudo cp /etc/yum.repos.d/CentOS-Base.repo /etc/yum.repos.d/CentOS-Base.repo.bak
```

然后编辑 /etc/yum.repos.d/CentOS-Base.repo 文件，在 `mirrorlist=` 开头行前面加 `#` 注释掉；并将 `baseurl=` 开头行取消注释（如果被注释的话），将该行内的域名（例如 `mirror.centos.org`）替换为 `mirrors.tuna.tsinghua.edu.cn`。

或者，你也可以直接使用如下内容覆盖掉 /etc/yum.repos.d/CentOS-Base.repo 文件：（未经充分测试）

选择你的 CentOS 版本: 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
# 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-$releasever - Base
baseurl=https://mirrors.tuna.tsinghua.edu.cn/centos/$releasever/os/$basearch/
```





```
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=$basearch&repo=extras&infra=$i
baseurl=http://mirror.centos.org/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=$basearch&repo=centosplus&infra
ra
baseurl=http://mirror.centos.org/centos/$releasever/centosplus/$basearch/
gpgcheck=1
enabled=0
gpgkey=file:///etc/pki/rpm-gpg/RPM-GPG-KEY-CentOS-7

:1,$s/mirror.centos.org/mirrors.tuna.tsinghua.edu.cn
```

1 添加#, 表示注释

2 删除#, 表示启用该链接

3 把源文件中所有mirrors.centos.org替换为mirrors.tuna.tsinghua.edu.cn



```
-rw-r--r--. 1 root root 1664 Apr 29 2018 CentOS-Base.repo.bak
-rw-r--r--. 1 root root 1309 Apr 29 2018 CentOS-CR.repo
-rw-r--r--. 1 root root 649 Apr 29 2018 CentOS-Debuginfo.repo
-rw-r--r--. 1 root root 314 Apr 29 2018 CentOS-fasttrack.repo
-rw-r--r--. 1 root root 630 Nov 2 12:40 CentOS-Media.repo
-rw-r--r--. 1 root root 1331 Apr 29 2018 CentOS-Sources.repo
-rw-r--r--. 1 root root 4768 Apr 29 2018 CentOS-Vault.repo
[root@ccit yum.repos.d]# vi CentOS-Base.repo
[root@ccit yum.repos.d]# rm -f CentOS-Base.repo ① 删除wget下载的源文件
[root@ccit yum.repos.d]# cp CentOS-Base.repo.bak CentOS-Base.repo ② 复制一份源文件
[root@ccit yum.repos.d]# ll
total 36
-rw-r--r--. 1 root root 1664 Dec 16 22:21 CentOS-Base.repo ③ 命名为CentOS-Base.repo
-rw-r--r--. 1 root root 1664 Apr 29 2018 CentOS-Base.repo.bak
-rw-r--r--. 1 root root 1309 Apr 29 2018 CentOS-CR.repo
-rw-r--r--. 1 root root 649 Apr 29 2018 CentOS-Debuginfo.repo
-rw-r--r--. 1 root root 314 Apr 29 2018 CentOS-fasttrack.repo
-rw-r--r--. 1 root root 630 Nov 2 12:40 CentOS-Media.repo
-rw-r--r--. 1 root root 1331 Apr 29 2018 CentOS-Sources.repo
-rw-r--r--. 1 root root 4768 Apr 29 2018 CentOS-Vault.repo
[root@ccit yum.repos.d]# █
```





```
1 ccit x +
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=$basearch&repo=extras&infra=$i
baseurl=http://mirrors.tuna.tsinghua.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=$basearch&repo=centosplus&infra
baseurl=http://mirrors.tuna.tsinghua.edu.cn/centos/$releasever/centosplus/$basearch/
gpgcheck=1
enabled=0
gpgkey=file:///etc/pki/rpm-gpg/RPM-GPG-KEY-CentOS-7

4 substitutions on 4 lines 1 找到4个对应的地方已替换
```



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

#released updates
[updates]
name=CentOS-$releasever - Updates tsinghua
#mirrorlist=http://mirrorlist.centos.org/?release=$releasever&arch=$basearch&repo=updates&infra=$
baseurl=http://mirrors.tuna.tsinghua.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=$basearch&repo=extras&infra=$i
baseurl=http://mirrors.tuna.tsinghua.edu.cn/centos/$releasever/extras/$basearch/
-- INSERT --
```

仅将文本发送到当前选项卡

已连接 192.168.200.100:22。

SSH2 xterm 103x21 18,34 1 会话





```
-rw-r--r--. 1 root root 314 Apr 29 2018 CentOS-fasttrack.repo
-rw-r--r--. 1 root root 630 Nov 2 12:40 CentOS-Media.repo
-rw-r--r--. 1 root root 1331 Apr 29 2018 CentOS-Sources.repo
-rw-r--r--. 1 root root 4768 Apr 29 2018 CentOS-Vault.repo
[root@ccit yum.repos.d]# vi CentOS-Base.repo
[root@ccit yum.repos.d]# yum repolist ① 列出yum源列表
Loaded plugins: fastestmirror
Loading mirror speeds from cached hostfile
repo id                                repo name
!base/7/x86_64                         CentOS-7 - Base tsinghua
!extras/7/x86_64                       CentOS-7 - Extras tsinghua
!updates/7/x86_64                      CentOS-7 - Updates tsinghua
repolist: 11,298
[root@ccit yum.repos.d]# yum clean all ③ 清除缓存
Loaded plugins: fastestmirror
Cleaning repos: base extras updates
Cleaning up everything
Maybe you want: rm -rf /var/cache/yum, to also free up space taken by orphaned data from disabled
moved repos
Cleaning up list of fastest mirrors
[root@ccit yum.repos.d]# yum makecache ④ 生成新的缓存
```

② 确认为清华大学yum源



```
1 ccit +
base | 3.6 kB 00:00:0
extras | 2.9 kB 00:00:0
updates | 2.9 kB 00:00:0
(1/10): base/7/x86_64/group_gz | 153 kB 00:00:0
(2/10): base/7/x86_64/primary_db | 6.1 MB 00:00:0
(3/10): base/7/x86_64/other_db | 2.6 MB 00:00:0
(4/10): extras/7/x86_64/primary_db | 222 kB 00:00:0
(5/10): extras/7/x86_64/filelists_db | 224 kB 00:00:0
(6/10): extras/7/x86_64/other_db | 134 kB 00:00:0
(7/10): base/7/x86_64/filelists_db | 7.2 MB 00:00:0
(8/10): updates/7/x86_64/filelists_db | 2.1 MB 00:00:0
(9/10): updates/7/x86_64/primary_db | 3.7 MB 00:00:0
(10/10): updates/7/x86_64/other_db | 226 kB 00:00:0
Metadata Cache Created ① 缓存已创建
[root@ccit yum.repos.d]# yum install epel-release ② 安装yum扩展源
Loaded plugins: fastestmirror
Loading mirror speeds from cached hostfile
Resolving Dependencies
--> Running transaction check
---> Package epel-release.noarch 0:7-11 will be installed
I

仅将文本发送到当前选项卡
已连接 192.168.200.100:22 SSH2 xterm 103x21 21,1 1 会话
```



```
1 ccit x +
Transaction Summary
=====
Install 1 Package

Total download size: 15 k
Installed size: 24 k
Is this ok [y/d/N]: y
Downloading packages:
epel-release-7-11.noarch.rpm | 15 kB 00:00:0
Running transaction check
Running transaction test
Transaction test succeeded
Running transaction
  Installing : epel-release-7-11.noarch
  Verifying  : epel-release-7-11.noarch

Installed:
  epel-release.noarch 0:7-11

Complete!
[root@ccit yum.repos.d]#
```

1 epel已经安装成功

仅将文本发送到当前选项卡

已连接 192.168.200.100:22

SSH2 xterm 103x21 21,26 1 会话





# 感谢您的观看!

