阿里云Linux安装镜像源地址：https://opsx.alibaba.com/mirror

Centos7更换阿里云安装镜像源

备份原有的镜像文件，以免出错时可以恢复

```
cp /etc/yum.repos.d/CentOS-Base.repo{,.backup}
```

```
[root@localhost /]# cp /etc/yum.repos.d/CentOS-Base.repo{,.backup}
[root@localhost yum.repos.d]# pwd
/etc/yum.repos.d
[root@localhost yum.repos.d]# ls
CentOS-Base.repo  CentOS-Base.repo.backup  CentOS-CR.repo  CentOS-Debuginfo.repo  CentOS-fasttrack.repo  CentOS-Media.repo  CentOS-Sources.repo  CentOS-Vault.repo
[root@localhost yum.repos.d]#
```

下载更新的源文件(CentOS-Base.repo)到/etc/yum.repos.d/

```
# 升级所有包以及升级软件和系统内核
# --skip-broken 忽略包的依赖问题
yum update --skip-broken -y
#安装wget
yum install wget -y
```

```
[root@localhost yum.repos.d]# yum update --skip-broken -y
Loaded plugins: fastestmirror
Loading mirror speeds from cached hostfile
 * base: mirrors.cn99.com
 * extras: ap.stykers.moe
 * updates: mirrors.shu.edu.cn
Resolving Dependencies
--> Running transaction check
---> Package NetworkManager.x86_64 1:1.12.0-6.el7 will be updated
---> Package NetworkManager.x86_64 1:1.12.0-8.el7_6 will be an update
---> Package NetworkManager-libnm.x86_64 1:1.12.0-6.el7 will be updated
---> Package NetworkManager-libnm.x86_64 1:1.12.0-8.el7_6 will be an update
---> Package NetworkManager-team.x86_64 1:1.12.0-6.el7 will be updated
---> Package NetworkManager-team.x86_64 1:1.12.0-8.el7_6 will be an update
---> Package NetworkManager-tui.x86_64 1:1.12.0-6.el7 will be updated
---> Package NetworkManager-tui.x86_64 1:1.12.0-8.el7_6 will be an update
---> Package bind-libs-lite.x86_64 32:9.9.4-72.el7 will be updated
---> Package bind-libs-lite.x86_64 32:9.9.4-73.el7_6 will be an update
---> Package bind-license.noarch 32:9.9.4-72.el7 will be updated
---> Package bind-license.noarch 32:9.9.4-73.el7_6 will be an update
---> Package cronie.x86_64 0:1.4.11-19.el7 will be updated
---> Package cronie.x86_64 0:1.4.11-20.el7_6 will be an update
---> Package cronie-anacron.x86_64 0:1.4.11-19.el7 will be updated
---> Package cronie-anacron.x86_64 0:1.4.11-20.el7_6 will be an update
---> Package device-mapper.x86_64 7:1.02.149-8.el7 will be updated
---> Package device-mapper.x86_64 7:1.02.149-10.el7_6.3 will be an update
---> Package device-mapper-event.x86_64 7:1.02.149-8.el7 will be updated
---> Package device-mapper-event.x86_64 7:1.02.149-10.el7_6.3 will be an update
---> Package device-mapper-event-libs.x86_64 7:1.02.149-8.el7 will be updated
---> Package device-mapper-event-libs.x86_64 7:1.02.149-10.el7_6.3 will be an update
---> Package device-mapper-libs.x86_64 7:1.02.149-8.el7 will be updated
---> Package device-mapper-libs.x86_64 7:1.02.149-10.el7_6.3 will be an update
---> Package freetype.x86_64 0:2.8-12.el7 will be updated
---> Package freetype.x86_64 0:2.8-12.el7_6.1 will be an update
---> Package glibc.x86_64 0:2.17-260.el7 will be updated
---> Package glibc.x86_64 0:2.17-260.el7_6.3 will be an update

[root@localhost yum.repos.d]# yum install wget -y
Loaded plugins: fastestmirror
Loading mirror speeds from cached hostfile
 * base: mirrors.cn99.com
 * extras: ap.stykers.moe
 * updates: mirrors.shu.edu.cn
Resolving Dependencies
--> Running transaction check
---> Package wget.x86_64 0:1.14-18.el7 will be installed
--> Finished Dependency Resolution

Dependencies Resolved

================================================================================
 Package       Arch          Version          Repository          Size
================================================================================
Installing:
 wget          x86_64        1.14-18.el7      base                547 k

Transaction Summary
================================================================================
Install  1 Package

Total download size: 547 k
Installed size: 2.0 M
Downloading packages:
wget-1.14-18.el7.x86_64.rpm                            | 547 kB  00:00:01
Running transaction check
Running transaction test
Transaction test succeeded
Running transaction
  Installing : wget-1.14-18.el7.x86_64                                      1/1
  Verifying  : wget-1.14-18.el7.x86_64                                      1/1

Installed:
  wget.x86_64 0:1.14-18.el7
```

更新下载源

```
# CentOS 7
# wget -O 下载并以不同的文件名保存
# wget默认会以最后一个符合"/"的后面的字符来命名
wget -O /etc/yum.repos.d/CentOS-Base.repo http://mirrors.aliyun.com/repo/Centos-7.repo
```

```
[root@localhost yum.repos.d]# wget -O /etc/yum.repos.d/CentOS-Base.repo http://mirrors.aliyun.com/repo/Centos-7.repo
--2019-03-10 09:49:32--  http://mirrors.aliyun.com/repo/Centos-7.repo
Resolving mirrors.aliyun.com (mirrors.aliyun.com)... 202.105.176.230, 202.105.176.229, 202.105.176.226, ...
Connecting to mirrors.aliyun.com (mirrors.aliyun.com)|202.105.176.230|:80... 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

2019-03-10 09:49:33 (432 MB/s) - ' /etc/yum.repos.d/CentOS-Base.repo'  saved [2523/2523]
```

生成新的缓存

```
# 清除缓存
yum clean all
# 建立缓存
yum makecache
```

```
[root@localhost yum.repos.d]# yum clean all
Loaded plugins: fastestmirror
Cleaning repos: base extras updates
Cleaning up list of fastest mirrors
[root@localhost yum.repos.d]#

[root@localhost yum.repos.d]# yum makecache
Loaded plugins: fastestmirror
Determining fastest mirrors
 * base: mirrors.aliyun.com
 * extras: mirrors.aliyun.com
 * updates: mirrors.aliyun.com
base                                                                                             | 3.6 kB  00:00:00
extras                                                                                           | 3.4 kB  00:00:00
updates                                                                                          | 3.4 kB  00:00:00
(1/12): base/7/x86_64/group_gz                                                                   | 166 kB  00:00:00
base/7/x86_64/primary_db        FAILED                          [==                     ] 0.0 B/s | 855 kB  --:--:-- ETA
http://mirrors.cloud.aliyuncs.com/centos/7/os/x86_64/repodata/6614b3605d961a4aaec45d74ac4e5e713e517debb3ee454a1c91097955780697-primary.sqlite.bz2: [Errno 14] curl#6 - "Could not r
esolve host: mirrors.cloud.aliyuncs.com; Unknown error"
Trying other mirror.
(2/12): extras/7/x86_64/filelists_db                                                             | 231 kB  00:00:00
(3/12): extras/7/x86_64/primary_db                                                               | 180 kB  00:00:00
(4/12): extras/7/x86_64/other_db                                                                 | 118 kB  00:00:00
(5/12): base/7/x86_64/other_db                                                                   | 2.6 MB  00:00:01
(6/12): updates/7/x86_64/filelists_db                                                            | 2.2 MB  00:00:01
(7/12): updates/7/x86_64/other_db                                                                | 351 kB  00:00:01
(8/12): updates/7/x86_64/primary_db                                                              | 2.5 MB  00:00:01
(9/12): base/7/x86_64/primary_db                                                                 | 6.0 MB  00:00:02
base/7/x86_64/filelists_db      FAILED
http://mirrors.aliyuncs.com/centos/7/os/x86_64/repodata/a0ec5a4708a1026db100d4799c404c9ed48a9371a4bab234a1355f86628a244a-filelists.sqlite.bz2: [Errno 12] Timeout on http://mirrors
.aliyuncs.com/centos/7/os/x86_64/repodata/a0ec5a4708a1026db100d4799c404c9ed48a9371a4bab234a1355f86628a244a-filelists.sqlite.bz2: (28, 'Connection timed out after 30002 millisecond
s')
Trying other mirror.
extras/7/x86_64/prestodelta      FAILED
http://mirrors.aliyuncs.com/centos/7/extras/x86_64/repodata/ea35765e72afae3e1539686da06393ce09fe26a04dbf576e218f994e4b7a706a-prestodelta.xml.gz: [Errno 12] Timeout on http://mirro
rs.aliyuncs.com/centos/7/extras/x86_64/repodata/ea35765e72afae3e1539686da06393ce09fe26a04dbf576e218f994e4b7a706a-prestodelta.xml.gz: (28, 'Connection timed out after 30001 millise
conds')
Trying other mirror.
(10/12): extras/7/x86_64/prestodelta                                                             | 47 kB  00:00:00
updates/7/x86_64/prestodelta    FAILED                          [================================================] 386 kB/s | 17 MB  00:00:13 ETA
http://mirrors.aliyuncs.com/centos/7/updates/x86_64/repodata/1d6260ee3a8906591d1aa71139f88ba44356068699de83c5d7deed301c415ab6-prestodelta.xml.gz: [Errno 12] Timeout on http://mirr
ors.aliyuncs.com/centos/7/updates/x86_64/repodata/1d6260ee3a8906591d1aa71139f88ba44356068699de83c5d7deed301c415ab6-prestodelta.xml.gz: (28, 'Connection timed out after 30001 milli
seconds')
Trying other mirror.
(11/12): updates/7/x86_64/prestodelta                                                            | 358 kB  00:00:00
(12/12): base/7/x86_64/filelists_db                                                              | 7.1 MB  00:00:02
Metadata Cache Created
[root@localhost yum.repos.d]#

[root@localhost /]# 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                     10,019
extras/7/x86_64                      CentOS-7 - Extras - mirrors.aliyun.com                      371
updates/7/x86_64                     CentOS-7 - Updates - mirrors.aliyun.com                   1,163
repolist: 11,553
[root@localhost /]#
```

中国开源镜像网站

网易开源镜像站：http://mirrors.163.com/
阿里云开源镜像站：http://mirrors.aliyun.com/
清华大学：http://mirrors.tuna.tsinghua.edu.cn/
东软信息学院：http://mirrors.neusoft.edu.cn/
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