# [CentOS7配置国内yum源和epel源](https://www.cnblogs.com/renpingsheng/p/7845096.html)

### 1.首先进入/etc/yum.repos.d/目录下，新建一个repo\_bak目录，用于保存系统中原来的repo文件

[root@bogon ~]# cd /etc/yum.repos.d/

[root@bogon yum.repos.d]# mkdir repo\_bak

[root@bogon yum.repos.d]# mv \*.repo repo\_bak/

### 2.在CentOS中配置使用网易和阿里的开源镜像

到网易和阿里开源镜像站点下载系统对应版本的repo文件

[root@bogon yum.repos.d]# wget http://mirrors.aliyun.com/repo/Centos-7.repo

[root@bogon yum.repos.d]# wget http://mirrors.163.com/.help/CentOS7-Base-163.repo

[root@bogon yum.repos.d]# ls

Centos-7.repo CentOS-Base-163.repo repo.bak

或者手动下载repo文件并上传到/etc/yum.repos.d/目录

[网易开源镜像站](http://mirrors.163.com/.help/centos.html)

[阿里开源镜像站](https://opsx.alibaba.com/mirror?lang=zh-cn)

### 3.清除系统yum缓存并生成新的yum缓存

[root@bogon yum.repos.d]# ls # 列出/etc/yum.repos.d/目录下的文件

Centos-7.repo CentOS-Base-163.repo repo.bak

[root@bogon yum.repos.d]# yum clean all # 清除系统所有的yum缓存

Loaded plugins: fastestmirror, langpacks

Repository base is listed more than once in the configuration

Repository updates is listed more than once in the configuration

Repository extras is listed more than once in the configuration

Repository centosplus is listed more than once in the configuration

Cleaning repos: base extras updates

Cleaning up everything

Cleaning up list of fastest mirrors

[root@bogon yum.repos.d]# yum makecache # 生成yum缓存

Loaded plugins: fastestmirror, langpacks

Repository base is listed more than once in the configuration

Repository updates is listed more than once in the configuration

Repository extras is listed more than once in the configuration

Repository centosplus is listed more than once in the configuration

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/filelists\_db | 6.7 MB 00:00:02

(2/12): base/7/x86\_64/group\_gz | 156 kB 00:00:02

(3/12): base/7/x86\_64/other\_db | 2.5 MB 00:00:01

(4/12): base/7/x86\_64/primary\_db | 5.7 MB 00:00:02

(5/12): extras/7/x86\_64/prestodelta | 51 kB 00:00:01

(6/12): extras/7/x86\_64/filelists\_db | 494 kB 00:00:02

(7/12): extras/7/x86\_64/other\_db | 86 kB 00:00:00

(8/12): extras/7/x86\_64/primary\_db | 130 kB 00:00:01

(9/12): updates/7/x86\_64/prestodelta | 406 kB 00:00:01

(10/12): updates/7/x86\_64/filelists\_db | 2.1 MB 00:00:01

(11/12): updates/7/x86\_64/other\_db | 354 kB 00:00:00

(12/12): updates/7/x86\_64/primary\_db | 3.6 MB 00:00:01

Determining fastest mirrors

Metadata Cache Created

### 4.安装epel源

[root@bogon yum.repos.d]# yum list | grep epel-release

Repository base is listed more than once in the configuration

Repository updates is listed more than once in the configuration

Repository extras is listed more than once in the configuration

Repository centosplus is listed more than once in the configuration

epel-release.noarch 7-9 extras

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

Loaded plugins: fastestmirror, langpacks

Repository base is listed more than once in the configuration

Repository updates is listed more than once in the configuration

Repository extras is listed more than once in the configuration

Repository centosplus is listed more than once in the configuration

Loading mirror speeds from cached hostfile

Resolving Dependencies

--> Running transaction check

---> Package epel-release.noarch 0:7-9 will be installed

--> Finished Dependency Resolution

Dependencies Resolved

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Package Arch Version Repository Size

=============================================================================================================

Installing:

epel-release noarch 7-9 extras 14 k

Transaction Summary

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Install 1 Package

Total download size: 14 k

Installed size: 24 k

Downloading packages:

epel-release-7-9.noarch.rpm | 14 kB 00:00:00

Running transaction check

Running transaction test

Transaction test succeeded

Running transaction

Installing : epel-release-7-9.noarch 1/1

Verifying : epel-release-7-9.noarch 1/1

Installed:

epel-release.noarch 0:7-9

Complete!

[root@bogon yum.repos.d]# ls # epel源安装成功，比原来多了一个epel.repo和epel-testing.repo文件

Centos-7.repo CentOS-Base-163.repo epel.repo epel-testing.repo repo.bak

### 5.使用阿里开源镜像提供的epel源

[root@bogon yum.repos.d]# wget -O /etc/yum.repos.d/epel-7.repo http://mirrors.aliyun.com/repo/epel-7.repo # 下载阿里开源镜像的epel源文件

--2018-03-08 20:22:14-- http://mirrors.aliyun.com/repo/epel-7.repo

Resolving mirrors.aliyun.com (mirrors.aliyun.com)... 183.2.199.237, 113.96.109.95, 113.96.109.93, ...

Connecting to mirrors.aliyun.com (mirrors.aliyun.com)|183.2.199.237|:80... connected.

HTTP request sent, awaiting response... 200 OK

Length: 1084 (1.1K) [application/octet-stream]

Saving to: ‘/etc/yum.repos.d/epel-7.repo’

100%[=================================================================================================>] 1,084 --.-K/s in 0s

2018-03-08 20:22:14 (130 MB/s) - ‘/etc/yum.repos.d/epel-7.repo’ saved [1084/1084]

[root@bogon yum.repos.d]# ls

CentOS7-Base-163.repo Centos-7.repo epel-7.repo epel.repo epel-testing.repo repo\_bak

### 6.再次清除系统yum缓存，并重新生成新的yum缓存

[root@bogon yum.repos.d]# yum clean all

Loaded plugins: fastestmirror, langpacks

Repository base is listed more than once in the configuration

Repository updates is listed more than once in the configuration

Repository extras is listed more than once in the configuration

Repository centosplus is listed more than once in the configuration

Repository epel is listed more than once in the configuration

Repository epel-debuginfo is listed more than once in the configuration

Repository epel-source is listed more than once in the configuration

Cleaning repos: base epel extras updates

Cleaning up everything

Cleaning up list of fastest mirrors

[root@bogon yum.repos.d]# yum makecache

Loaded plugins: fastestmirror, langpacks

Repository base is listed more than once in the configuration

Repository updates is listed more than once in the configuration

Repository extras is listed more than once in the configuration

Repository centosplus is listed more than once in the configuration

Repository epel is listed more than once in the configuration

Repository epel-debuginfo is listed more than once in the configuration

Repository epel-source is listed more than once in the configuration

base | 3.6 kB 00:00:00

epel | 4.7 kB 00:00:00

extras | 3.4 kB 00:00:00

updates | 3.4 kB 00:00:00

(1/18): base/7/x86\_64/group\_gz | 156 kB 00:00:01

(2/18): base/7/x86\_64/filelists\_db | 6.7 MB 00:00:07

(3/18): base/7/x86\_64/primary\_db | 5.7 MB 00:00:06

(4/18): epel/x86\_64/group\_gz | 266 kB 00:00:01

(5/18): epel/x86\_64/updateinfo | 899 kB 00:00:02

(6/18): epel/x86\_64/prestodelta | 7.1 kB 00:00:00

(7/18): base/7/x86\_64/other\_db | 2.5 MB 00:00:05

(8/18): epel/x86\_64/primary\_db | 6.3 MB 00:00:04

(9/18): extras/7/x86\_64/filelists\_db | 636 kB 00:00:00

(10/18): extras/7/x86\_64/primary\_db | 166 kB 00:00:00

(11/18): extras/7/x86\_64/other\_db | 108 kB 00:00:00

(12/18): extras/7/x86\_64/prestodelta | 102 kB 00:00:01

(13/18): epel/x86\_64/other\_db | 3.0 MB 00:00:01

(14/18): epel/x86\_64/filelists\_db | 10 MB 00:00:09

(15/18): updates/7/x86\_64/filelists\_db | 3.5 MB 00:00:02

(16/18): updates/7/x86\_64/prestodelta | 771 kB 00:00:02

(17/18): updates/7/x86\_64/other\_db | 621 kB 00:00:00

(18/18): updates/7/x86\_64/primary\_db | 6.0 MB 00:00:03

Determining fastest mirrors

\* epel: mirrors.aliyun.com

Metadata Cache Created

### 7.查看系统可用的yum源和所有的yum源

[root@bogon yum.repos.d]# yum repolist enabled

Loaded plugins: fastestmirror, langpacks

Repository base is listed more than once in the configuration

Repository updates is listed more than once in the configuration

Repository extras is listed more than once in the configuration

Repository centosplus is listed more than once in the configuration

Repository epel is listed more than once in the configuration

Repository epel-debuginfo is listed more than once in the configuration

Repository epel-source is listed more than once in the configuration

Loading mirror speeds from cached hostfile

\* epel: mirrors.aliyun.com

repo id repo name status

base/7/x86\_64 CentOS-7 - Base - 163.com 9,591

epel/x86\_64 Extra Packages for Enterprise Linux 7 - x86\_64 12,382

extras/7/x86\_64 CentOS-7 - Extras - 163.com 390

updates/7/x86\_64 CentOS-7 - Updates - 163.com 1,941

repolist: 24,304

[root@bogon yum.repos.d]# yum repolist all

Loaded plugins: fastestmirror, langpacks

Repository base is listed more than once in the configuration

Repository updates is listed more than once in the configuration

Repository extras is listed more than once in the configuration

Repository centosplus is listed more than once in the configuration

Repository epel is listed more than once in the configuration

Repository epel-debuginfo is listed more than once in the configuration

Repository epel-source is listed more than once in the configuration

Loading mirror speeds from cached hostfile

\* epel: mirrors.aliyun.com

repo id repo name status

base/7/x86\_64 CentOS-7 - Base - 163.com enabled: 9,591

centosplus/7/x86\_64 CentOS-7 - Plus - 163.com disabled

contrib/7/x86\_64 CentOS-7 - Contrib - mirrors.aliyun.com disabled

epel/x86\_64 Extra Packages for Enterprise Linux 7 - x86\_64 enabled: 12,382

epel-debuginfo/x86\_64 Extra Packages for Enterprise Linux 7 - x86\_64 - Debug disabled

epel-source Extra Packages for Enterprise Linux 7 - x86\_64 - Source disabled

epel-testing/x86\_64 Extra Packages for Enterprise Linux 7 - Testing - x86\_64 disabled

epel-testing-debuginfo/x86\_64 Extra Packages for Enterprise Linux 7 - Testing - x86\_64 - Debug disabled

epel-testing-source/x86\_64 Extra Packages for Enterprise Linux 7 - Testing - x86\_64 - Source disabled

extras/7/x86\_64 CentOS-7 - Extras - 163.com enabled: 390

updates/7/x86\_64 CentOS-7 - Updates - 163.com enabled: 1,941

repolist: 24,304