**LAMP离线安装教程**

# 1. CentOS 7下RPM离线安装

## 1.1.Apache安装

软件位于附件，/安装软件/ centos7httpd下

进入目录依次安装下面软件

rpm -ivh mailcap-2.1.41-2.el7.noarch.rpm

rpm -ivh apr-1.4.8-3.el7.x86\_64.rpm

rpm -ivh apr-util-1.5.2-6.el7.x86\_64.rpm

rpm -ivh httpd-tools-2.4.6-67.el7.centos.x86\_64.rpm

rpm -ivh httpd-2.4.6-67.el7.centos.x86\_64.rpm

## 1.2.MySql安装

软件位于附件，/安装软件/ mysql下

进入目录下

依次逐条执行以下操作

groupadd mysql

useradd -g mysql mysql

tar -zxvf mysql-5.5.59-linux-glibc2.12-x86\_64.tar.gz

mv mysql-5.5.59-linux-glibc2.12-x86\_64 mysql

mv mysql /usr/local

cp /usr/local/mysql/support-files/my-large.cnf /etc/my.cnf

cd /usr/local/mysql

chown -R mysql:mysql ./

./scripts/mysql\_install\_db --user=mysql --basedir=/usr/local/mysql/ --datadir=/usr/local/mysql/data/

chown -R mysql:mysql data

chown 777 /etc/my.cnf

vi /etc/my.cnf

#查找 /tmp/mysql.sock 改为 /usr/lib/mysql/mysql.sock

cp ./support-files/mysql.server /etc/rc.d/init.d/mysqld

chmod +x /etc/rc.d/init.d/mysqld

chkconfig --add mysqld

chkconfig --list mysqld

mkdir /var/lib/mysql

chmod 777 /var/lib/mysql

service mysqld start

vi ~/.bash\_profile

#添加export PATH=$PATH:/usr/local/mysql/bin

source ~/.bash\_profile

#修改密码

mysql -uroot -p #密码为空

#以下三条命令在mysql中修改root密码

mysql>use mysql;

mysql>update user set password=password('root') where user='root' and host='localhost';

mysql>flush privileges;

## 1.3.PHP安装

软件位于附件，/安装软件/ centos7php下

进入目录依次安装下面软件

rpm -ivh libzip-0.10.1-8.el7.x86\_64.rpm

rpm -ivh php-common-5.4.16-42.el7.x86\_64.rpm

rpm -ivh php-cli-5.4.16-42.el7.x86\_64.rpm

rpm -ivh php-5.4.16-42.el7.x86\_64.rpm

rpm -ivh php-pdo-5.4.16-42.el7.x86\_64.rpm

rpm -ivh php-mysql-5.4.16-42.el7.x86\_64.rpm

其它操作

#开启防火墙80端口

firewall-cmd --zone=public --add-port=80/tcp --permanent

#重启防火墙

systemctl stop firewalld.service

systemctl start firewalld.service

#启动httpd并设置为开启启动

systemctl start httpd.service

systemctl enable httpd.service

#禁用selinux

vi /etc/sysconfig/selinux

#SELinux=enforcing 改为SELinux=disabled

# 2. 源码编译安装

## 2.1.httpd编译安装

软件位于附件，/安装软件/ httpd下

进入目录依次执行以下操作

tar -zxvf apr-1.6.3.tar.gz

cd apr-1.6.3

./configure --prefix=/usr/local/apr

make && make install

cd ..

tar -zxvf expat-2.2.5.tar.gz

cd expat-2.2.5

./configure --prefix=/usr/local/expat

make && make install

cd ..

tar -zxvf apr-util-1.6.1.tar.gz

cd apr-util-1.6.1

./configure --prefix=/usr/local/apr-util -with-apr=/usr/local/apr -with-expat=/usr/local/expat

make && make install

cd ..

tar -zxvf pcre-8.41.tar.gz

cd pcre-8.41

./configure --prefix=/usr/local/pcre

make && make install

cd ..

tar -zxvf httpd-2.4.29.tar.gz

cd httpd-2.4.29

./configure --prefix=/usr/local/httpd --sysconfdir=/etc/httpd --enable-modules=all --enable-mpms-shared=all --with-pcre=/usr/local/pcre --with-apr=/usr/local/apr --with-apr-util=/usr/local/apr-util --with-libxml2 --enable-cgi --with-mpm=prefork

make && make install

#设置开机启动

cp /usr/local/httpd/bin/apachectl /etc/init.d/httpd

vi /etc/init.d/httpd

# 第二行添加以下注解

# chkconfig: 345 85 15

# description: Activates/Deactivates Apache Web Server

## 2.2.MySql安装(同上面1.2Mysql安装)

## 2.3.PHP编译安装

软件位于附件，/安装软件/ php下

进入目录依次执行以下操作

tar -zxvf libxml2-2.6.26.tar.gz

cd libxml2-2.6.26

./configure --prefix=/usr/local/libxml2

make && make install

cd ..

tar -zxvf zlib-1.2.11.tar.gz

cd zlib-1.2.11

./configure --prefix=/usr/local/zlib

make && make install

cd ..

tar -zxvf perl-5.26.1.tar.gz

cd perl-5.26.1

./configure

make && make install

cd ..

vi /usr/local/httpd/bin/apxs

#在第一个行 ：#!/replace/with/path/to/perl/interpreter -w

#根据perl的安装目录 /usr/bin/perl

#修改为：#! /usr/bin/perl -w

tar -zxvf php-5.6.33.tar.gz

cd php-5.6.33

./configure --prefix=/usr/local/php --with-config-file-path=/usr/etc/php --with-libxml-dir=/usr/local/libxml2 --with-apxs2=/usr/local/httpd/bin/apxs --enable-inline-optimization --enable-shared --enable-opcache --enable-fpm --enable-bcmath --enable-soap --enable-pcntl --enable-shmop --enable-sysvmsg --enable-sysvsem --enable-sysvshm --enable-sockets --enable-zip --with-zlib-dir=/usr/local/zlib --with-mysql=mysqlnd --with-mysqli=mysqlnd --with-pdo-mysql=mysqlnd

make && make install

vi /etc/httpd/httpd.conf

#查找AddType添加一行

AddType application/x-httpd-php .php

查找DirectoryIndex index.html

在其后添加 index.php

查找AllowOverride None

改为AllowOverride All

有个none可以为小写

至此环境AMP环境搭建完毕