centos上编译安装nginx-刘辉

# 一、安装nginx

1. 首先下载nginx，需要安装wget软件。

yum install wget

wget [http://nginx.org/download/nginx-1.4.5.tar.gz](http://nginx.org/download/nginx-1.2.4.tar.gz)

tar -zxvf nginx-1.4.5.tar.gz

cd nginx-1.4.5

2、编译nginx需要安装gcc

yum install gcc

3、编译nginx时默认加载了http rewrite module，依赖于PCRE库，所以需要安装pcre库

yum install pcre-devel

4、编译nginx时默认加载了http gzip module，依赖于zlib库，所以需要安装zlib库

yum install zlib zlib-devel

5、configure

./configure --user=nginx --group=nginx --prefix=/usr/local/nginx

./configure --user=www --group=www --prefix=/usr/local/nginx --with-http\_stub\_status\_module --with-http\_ssl\_module --with-http\_gzip\_static\_module --with-pcre

6、安装make：command not found

yum install make

7、make，make install

# 二、添加运行nginx的用户组和用户

/usr/sbin/groupadd nginx

/usr/sbin/useradd -g nginx nginx

# 三、将nginx注册成系统服务

1、vi /etc/init.d/nginx

添加如下内容（参见）：

[http://admclub.com/view/linux-nginx-php-mysql-memcached-eaccelerator-%E5%AE%89%E8%A3%85%E4%BC%98%E5%8C%96%E8%AE%B0%E5%BD%95](http://admclub.com/view/linux-nginx-php-mysql-memcached-eaccelerator-å®è£ä¼åè®°å½)

#!/bin/sh

#

# nginx - this script starts and stops the nginx daemin

#

# chkconfig:   - 85 15

# description:  Nginx is an HTTP(S) server, HTTP(S) reverse \

#               proxy and IMAP/POP3 proxy server

# processname: nginx

# config:      /usr/local/nginx/conf/nginx.conf

# pidfile:     /usr/local/nginx/logs/nginx.pid

# Source function library.

. /etc/rc.d/init.d/functions

# Source networking configuration.

. /etc/sysconfig/network

# Check that networking is up.

[ "$NETWORKING" = "no" ] && exit 0

nginx="/usr/local/nginx/sbin/nginx"

prog=$(basename $nginx)

NGINX\_CONF\_FILE="/usr/local/nginx/conf/nginx.conf"

lockfile=/var/lock/subsys/nginx

start() {

    [ -x $nginx ] || exit 5

    [ -f $NGINX\_CONF\_FILE ] || exit 6

    echo -n $"Starting $prog: "

    daemon $nginx -c $NGINX\_CONF\_FILE

    retval=$?

    echo

    [ $retval -eq 0 ] && touch $lockfile

    return $retval

}

stop() {

    echo -n $"Stopping $prog: "

    killproc $prog -QUIT

    retval=$?

    echo

    [ $retval -eq 0 ] && rm -f $lockfile

    return $retval

}

restart() {

    configtest || return $?

    stop

    start

}

reload() {

    configtest || return $?

    echo -n $"Reloading $prog: "

    killproc $nginx -HUP

    RETVAL=$?

    echo

}

force\_reload() {

    restart

}

configtest() {

  $nginx -t -c $NGINX\_CONF\_FILE

}

rh\_status() {

    status $prog

}

rh\_status\_q() {

    rh\_status >/dev/null 2>&1

}

case "$1" in

    start)

        rh\_status\_q && exit 0

        $1

        ;;

    stop)

        rh\_status\_q || exit 0

        $1

        ;;

    restart|configtest)

        $1

        ;;

    reload)

        rh\_status\_q || exit 7

        $1

        ;;

    force-reload)

        force\_reload

        ;;

    status)

        rh\_status

        ;;

    condrestart|try-restart)

        rh\_status\_q || exit 0

            ;;

    \*)

        echo $"Usage: $0 {start|stop|status|restart|condrestart|try-restart|reload|force-reload|configtest}"

        exit 2

esac

1. 设置相关权限，并且启动nginx

chmod +x /etc/init.d/nginx

chkconfig --add nginx

chkconfig nginx on

/etc/init.d/nginx start

至此，nginx就在centos上运行起来了。