keepalived 安装文档

①安装一些必备的软件

```
yum -y install  kernel-devel  make  gcc  openssl-devel lftp popt* popt-static
```

这个popt-static好像yum安装是有问题的，必须要rpm安装。
当然，我们可以选择先进行后面的步骤，等到提示缺少什么之后再进行安装也可以。

②创建软件安装文件的存放目录，这里选择系统默认的src目录

```
mkdir -p /usr/local/src/hasoft
cd /usr/local/src/hasoft
```

③上传keepalived安装文件，并进行安装

```
tar -xzf keepalived-1.2.2.tar.gz
cd keepalived-1.2.2
./configure --prefix=/usr/local/keepalived --with-kernel-dir=/usr/src/kernels/2.6.32-71.el6.i686/
###前面的是keepalived安装路径，这里选择较为通用的路径
###后面的是系统内核路径，根据自己系统修改
```

这一步可能会报错缺少popt-devel or popt-static。 如果有yum直接yum安装就行；否则通过其他方式安装之后，重新./configure
成功./configure的结果应该类似如下

④完成安装

```
make
make install
```

如果上面正常的make && make install报错说strict-aliasing相关的东西，那么就按照下面的来安装

```
make -no-strict-aliasing
###make install (会报错，但是必须要执行一次) --- 这一个不怎么确定
make -no-strict-aliasing install
```

如果上面出现类似下面的报错

```
/usr/include/stdint.h:41: error: conflicting types for 'int64_t'
/usr/src/linux/include/linux/types.h:126: error: previous declaration of 'int64_t' was here
/usr/include/stdint.h:56: error: conflicting types for 'uint64_t'
/usr/src/linux/include/linux/types.h:124: error: previous declaration of 'uint64_t' was here
In file included from /usr/include/sys/uio.h:24,
```

那么

```
vi keepalived-1.2.2/keepalived/libipvs-2.6/ip_vs.h
将#include <sys/types.h>放到#include <linux/types.h>的前面即可
```

到这里，keepalived的安装已经完成了！
由于做成服务模式会比较方便，因此下面是将keepalived做成服务模式的操作！

```
cp $KEEPALIVED_HOME/etc/rc.d/init.d/keepalived /etc/init.d/
cp $KEEPALIVED_HOME/etc/sysconfig/keepalived /etc/sysconfig/
mkdir /etc/keepalived/
cp $KEEPALIVED_HOME/etc/keepalived/keepalived.conf /etc/keepalived/
cp $KEEPALIVED_HOME/sbin/keepalived /usr/sbin/
```

${KEEPALIVED_HOME}就是./configure --prefix指定的目录。

再将keepalived开机自启动

`chkconfig keepalived on`