**StreamSets安装与配置**

# haproxy简介

Haproxy是一种采用[round-robin](https://baike.baidu.com/item/Round%20Robin/1980131?fr=aladdin)算法实现分布式应用负载均衡的工具。原理是通过轮询的方式，把客户端发给分布式应用的请求，分发给集群里。

# 安装

yum install haproxy

# 配置

cd /etc/haproxy/

vi haproxy.cfg

使内容如下，标红处为改动的地方：

#---------------------------------------------------------------------

# Example configuration for a possible web application. See the

# full configuration options online.

#

# http://haproxy.1wt.eu/download/1.4/doc/configuration.txt

#

#---------------------------------------------------------------------

#---------------------------------------------------------------------

# Global settings

#---------------------------------------------------------------------

global

# to have these messages end up in /var/log/haproxy.log you will

# need to:

#

# 1) configure syslog to accept network log events. This is done

# by adding the '-r' option to the SYSLOGD\_OPTIONS in

# /etc/sysconfig/syslog

#

# 2) configure local2 events to go to the /var/log/haproxy.log

# file. A line like the following can be added to

# /etc/sysconfig/syslog

#

# local0.\* /var/log/haproxy.log

#

log 127.0.0.1 local0

chroot /var/lib/haproxy

pidfile /var/run/haproxy.pid

maxconn 51200

user haproxy

group haproxy

daemon

# turn on stats unix socket

stats socket /var/lib/haproxy/stats

#---------------------------------------------------------------------

# common defaults that all the 'listen' and 'backend' sections will

# use if not designated in their block

#---------------------------------------------------------------------

defaults

mode http

log global

option httplog

option dontlognull

option http-server-close

# option forwardfor except 127.0.0.0/8

option redispatch

retries 3

timeout http-request 10s

timeout queue 1m

timeout connect 120s

timeout client 600s

timeout server 600s

timeout http-keep-alive 10s

timeout check 10s

maxconn 3000

listen stats

bind 0.0.0.0:25002

balance

mode http

stats uri /haproxy-stats

listen impala

bind 0.0.0.0:21001

mode tcp

option tcplog

balance roundrobin

server node-5 impala5:21000 check

server node-4 impala4:21000 check

server node-3 impala3:21000 check

server node-2 impala2:21000 check

server node-1 impala1:21000 check

listen impala\_jdbc

bind 0.0.0.0:21051

mode tcp

option tcplog

balance roundrobin

server node-5 impala5:21050 check

server node-4 impala4:21050 check

server node-3 impala3:21050 check

server node-2 impala2:21050 check

server node-1 impala1:21050 check

# 启动

haproxy -f /etc/haproxy/haproxy.cfg