**Install KeepAlived service Guide**

After you finish installing apache tomcat service.

Srv1: 10.1.1.138

Srv2: 10.1.1.142

Mission:

Vip: 10.1.1.201

Check service web port 8080. If this service stops, use "keepalived" to switch another server.

**In Srv1:**

B1: yum -y install keepalived

B2: cd /etc/keepalived/

B3: mv keepalived.conf keepalived.conf.bk

B4: vi keepalived.conf

*vrrp\_script chk\_tomcat {*

*script "</dev/tcp/127.0.0.1/8080" # verify tcp 8080 service*

*interval 2 # check every 2 seconds*

*weight 2 # add 2 points of prio if OK*

*}*

*vrrp\_instance VI\_1 {*

*interface eth1*

*state MASTER*

*virtual\_router\_id 51*

*priority 101 # 101 on master, 100 on backup*

*authentication {*

*auth\_type PASS*

*auth\_pass P@ssword*

*}*

*virtual\_ipaddress {*

*10.1.1.201/24*

*}*

*track\_script { # can add multi check services in one time*

*chk\_tomcat*

*}*

B5: /etc/init.d/keepalived start

B6: tail -f /var/log/messages

**In Srv2:**

B1: yum -y install keepalived

B2: cd /etc/keepalived/

B3: mv keepalived.conf keepalived.conf.bk

B4: vi keepalived.conf

*vrrp\_script chk\_tomcat {*

*script "</dev/tcp/127.0.0.1/8080" # verify tcp 8080 service*

*interval 2 # check every 2 seconds*

*weight 2 # add 2 points of prio if OK*

*}*

*vrrp\_instance VI\_1 {*

*interface eth1*

*state MASTER*

*virtual\_router\_id 51*

*priority 100 # 101 on master, 100 on backup*

*authentication {*

*auth\_type PASS*

*auth\_pass P@ssword*

*}*

*virtual\_ipaddress {*

*10.1.1.201/24*

*}*

*track\_script {*

*chk\_tomcat*

*}*

B5: /etc/init.d/keepalived start

B6: tail -f /var/log/messages

Test by stop/start service tomcat to see log of keepalived.

Check by monitor What is server use vip by command: ip addr sh eth1

