Subject: Clusterized Web Server
Posted by silentninja on Fri, 26 Sep 2008 20:25:05 GMT
View Forum Message <> Reply to Message

I want to do a clusterized web server that works this way:

Main Server VE-0 => External IP
VE-1 => Internal IP
VE-2 => Internal IP
VE-3 => Internal IP

VE-1 has only apache / ftp access
VE-2 has all the mail access (pop3/imap/smtp)
VE-3 has all the mysql / pgsql databases

What i need to do is that internally they can coexist (eg, the VE-1 can connect to VE-2 for a php mail send) but NOT externally (VE-1 has no outband connection).

The Main Server (VE-0) will accept all connections to the 80 / 110 / 3306 ports (eg, they'll be some others) and internally will redirect them to the VE-1, VE-2, and VE-3 respectivelly.

This way the user can only access the server with one IP and he doesn't need to know that it's been redirected elsewhere. Also it would help if later I need to grow and put multiple computers instead of multiple virtualized ones.

Is this possible without some hardcoding of vzs / iptables, and just some configuration ?

Subject: Re: Clusterized Web Server
Posted by LinuxGeek on Sat, 27 Sep 2008 03:39:48 GMT
View Forum Message <> Reply to Message

Hello,
Check this to cluster many containers
http://wiki.openvz.org/HA_cluster_with_DRBD_and_Heartbeat

you can use LVS for Apache
www.linuxvirtualserver.org

and this for mysql cluster
http://www.mysql.com/products/database/cluster/

regards
Alaa eldin

Subject: Re: Clusterized Web Server

Posted by silentninja on Sat, 27 Sep 2008 15:43:35 GMT

LinuxGeek wrote on Sat, 27 September 2008 00:39Hello,
Check this to cluster many containers
http://wiki.openvz.org/HA_cluster_with_DRBD_and_Heartbeat

you can use LVS for Apache
www.linuxvirtualserver.org

and this for mysql cluster
http://www.mysql.com/products/database/cluster/

regards
Alaa eldin

DAAAAMN.. that's too much to read xD
Anyway, thanks, it'll be really helpful =D