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Subject: Clusterized Web Server

Posted by [silentninja](#) on Fri, 26 Sep 2008 20:25:05 GMT

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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 respectively.

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 ?

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Subject: Re: Clusterized Web Server

Posted by [LinuxGeek](#) on Sat, 27 Sep 2008 03:39:48 GMT

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Hello,

Check this to cluster many containers

[http://wiki.openvz.org/HA\\_cluster\\_with\\_DRBD\\_and\\_Heartbeat](http://wiki.openvz.org/HA_cluster_with_DRBD_and_Heartbeat)

you can use LVS for Apache

[www.linuxvirtualserver.org](http://www.linuxvirtualserver.org)

and this for mysql cluster

<http://www.mysql.com/products/database/cluster/>

regards

Alaa eldin

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Subject: Re: Clusterized Web Server

Posted by [silentninja](#) on Sat, 27 Sep 2008 15:43:35 GMT

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LinuxGeek wrote on Sat, 27 September 2008 00:39Hello,  
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regards  
Alaa eldin

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

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