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 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 ?