



Create your own server cluster – example applications for private networks

Your Project powered by serverloft

serverloft is a brand of HEG US Inc.

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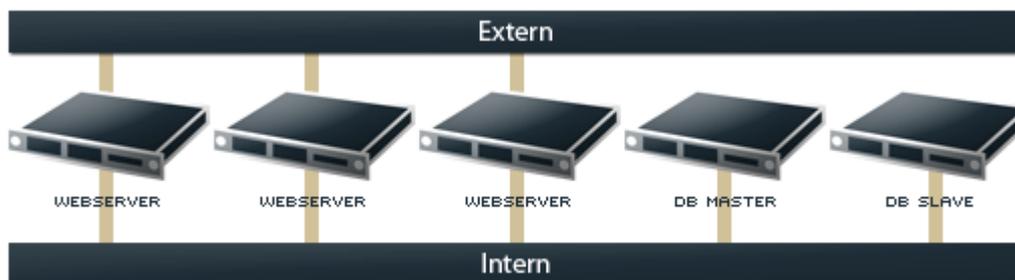
Management:
Mr. Thomas Strohe,
Mr. Sascha Wintz

Trade register:
Local court: St. Louis, MO

Tax ID:
30-0167598

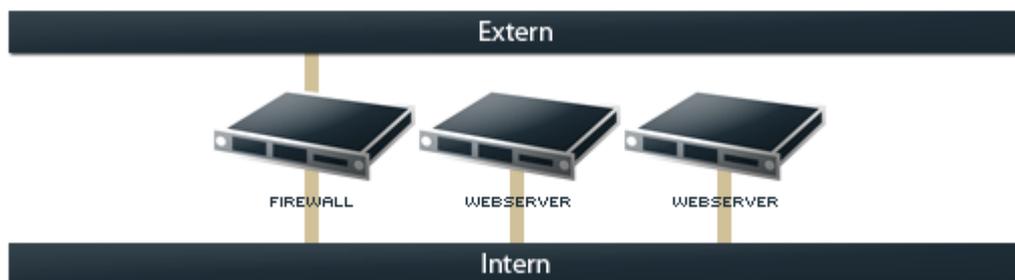
**Optimise the structure:
For higher performance and greater security**

1. Web server with a central database



In this example a serverloft customer has five servers. Three of those servers could be configured as web servers with a database in the background consisting of the other two servers. This database works in a mirror, which means that all data is available on two servers at a time. On the one hand this mirroring speeds up the delivery of requested data, on the other hand the data is more secure. In this scenario the web servers could be reached from the outside over the internet as well as internally, while the database servers only have an internal connection, which protects them from unwanted access. With this setup the customer could provide data quickly and securely.

2. Dedicated firewall in front of web server



Here, a server is used as a dedicated firewall in front of the web servers, so that it can filter the incoming traffic, thus protecting the data on the web servers. Only the firewall can be reached from the outside, the web servers are only connected over the internal network.

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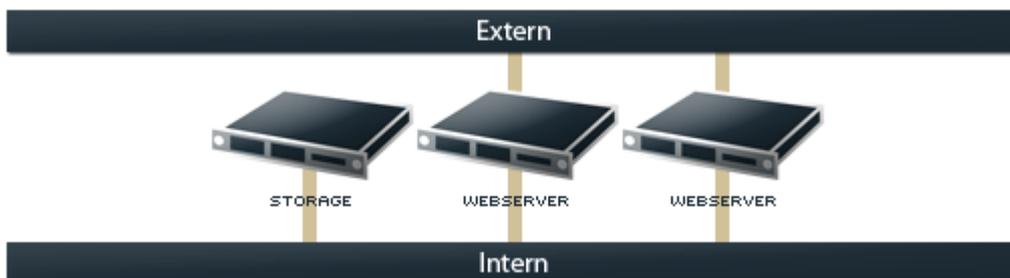
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3. Central storage over NFS (available shortly)



In this scenario the web servers are completed by a central storage server which can not be reached from outside but only over the internal network. The web servers can access the storage server over the NFS or iSCSI protocol, which means that the data on the storage server are available as rapidly and easily as if it was stored on a local disk. However, it is better protected from unwanted access or loss, because it is screened from the internet.

We are here to help

If you have any additional questions about server clusters please call us on +(1) 314 - 300 2150 or open a ticket in your customer panel, our experts will gladly help you to setup your project – welcome online with serverloft.com!

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