Subject: Transparent HA on two node active/passive cluster
Posted by customer.joe@freemail.hu on Sat, 28 Nov 2009 21:44:08 GMT
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Hi all!

Is this possible to implement similar or same functionality in OpenVZ?
http://dsg.cs.ubc.ca/remus/

The implementation details here:
http://dsg.cs.ubc.ca/remus/papers/remus-nsdi08.pdf

Regards

Subject: Re: Transparent HA on two node active/passive cluster
Posted by kir on Sun, 29 Nov 2009 08:30:50 GMT
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Please see http://wiki.openvz.org/HA_cluster_with_DRBD_and_Heartbeat

Subject: Re: Transparent HA on two node active/passive cluster
Posted by customer.joe@freemail.hu on Sun, 29 Nov 2009 12:00:07 GMT
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Thank you, but I didn't know that this offers "equivalent/same" live replication features as remus patch do. I'll try this OpenVZ configuration.

For example I don't know that VPS memory synchronization how affected by the ext3 fs cache. With Remus, the VPS memory synchronization (and states, like checkpointing) is near real time (~forty times a second), asynchronous and synchronized with network output by buffering.

But if the OpenVZ+ext3+drdb can accomplish same/similar or better(?) replication, then OpenVZ is the best choice.

Also I can't find in this wiki that how will checkpointing do on the active node if that dead (e.g. power off), and what VPS state will wake up on the passive node in this scenario with OpenVZ.

So the conclusion is that I must invest some time and try it.

Thank you.