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Subject: Ethernet bonding with bridge device on CentOS 5.3

Posted by [batfastad](#) on Tue, 20 Oct 2009 16:50:03 GMT

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Hi everyone

I'm planning to consolidate a pair of servers onto an existing "beast" box we have and since this beast has 2 GbE sockets and our switch supports dynamic 802.3ad link aggregation with LACP, I'm looking to have those 2 GbE sockets combined into a mode 4 bonded interface.

My first step will be to install the openvz kernel and get that running.

Then before I create any VEs I will get the bond created and working as per this guide...

<http://wiki.openvz.org/Bonding>

Making a slight change to specify mode=4 in modprobe.conf

But how do I then go about combining a veth/bridge with my bond0 interface?

This was the veth tutorial I was planning to follow to setup veths for each VE

[http://wiki.openvz.org/Virtual\\_Ethernet\\_device#Simple\\_configuration\\_with\\_virtual\\_Ethernet\\_device](http://wiki.openvz.org/Virtual_Ethernet_device#Simple_configuration_with_virtual_Ethernet_device)

Then adding each veth into the bridge device

[http://wiki.openvz.org/Virtual\\_Ethernet\\_device#Virtual\\_Ethernet\\_devices\\_can\\_be\\_joined\\_in\\_one\\_bridge](http://wiki.openvz.org/Virtual_Ethernet_device#Virtual_Ethernet_devices_can_be_joined_in_one_bridge)

Because these are all "virtual" networking devices, I'm guessing (hoping!) it's something simple like just adding a route for all traffic to go from bond0 to br0 and vice-versa  
However I have no idea how to do that

Is any of this correct?

Anyone got any pointers on how to combine my bonded link with a bridge device?

Is it even possible?

Cheers, B

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