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Subject: all vs. default in /proc/sys/net/ipv4/conf  
Posted by [John Kelly](#) on Sun, 14 May 2006 22:44:08 GMT  
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I was studying the openvz sysctl.conf recommendations to see if they made sense for my environment, but I did not know the difference between "all" vs. "default" in /proc/sys/net/ipv4/conf. Google had the answer, though, repeated here FYI. The search key was "/proc/sys/net/ipv4/conf/default" and the first hit was:

<http://www.securityfocus.com/infocus/1711>

I'll quote it here, in case the link becomes unavailable:

Quote:When you change variables in the /proc/sys/net/ipv4/conf/all directory, the variable for all interfaces and default will be changed as well. When you change variables in /proc/sys/net/ipv4/conf/default, all future interfaces will have the value you specify. This should only affect machines that can add interfaces at run time, such as laptops with PCMCIA cards, or machines that create new interfaces via VPNs or PPP, for example.