

Not getting iscsi connection to work ...



[TheKingNL](#) 13 posts since

Jul 23, 2006 Hi guys,

I installed a clean ESX 3.01 test box with two physical nics. One is connected to my internal network, and the other one the my SAN network. The "SAN" NIC is connected to a GB-switch and the switch has a connection to an Equallogic SAN.

The first NIC has 10.0.0.100 /255.255.255.0 and is configured with the service console.

The second NIC has 192.168.1.100 /255.255.255.0.

I first enabled the iSCSI client on the FW.

I then used networking to configure the VM Kernel on the second NIC. (So 192.168.1.100)

I then enable the iSCSI Software Adapter and added the SAN (192.168.1.10) to the Dynamic Discovery tab. The system does not discovery anything however. I did a rescan/reboot a few times.

- When I select the iscsi software adapter and check the details it does not list an ip address. The field is empty. Is this OK?

Anybody some help? How can I troubleshoot this issue?

I checked the manual and they explain I should add another service console connection on the "SAN" NIC? This sounds strange to me as this NIC is not connected to my normal network. Should I add a service console? And which IP should I use?



[Dave.Mishchen...](#) 8,976 posts since

Nov 15, 2005 1. **Re: Not getting iscsi connection to work with 3.01..** May 18, 2007 6:53 AM

- I do not see the ESX server connecting to my SAN.
- I can not ping 192.168.1.10 (SAN) from the ESX

console. I can however ping 192.168.1.100 (ESX) from another host connected to the SAN network. So maybe it's normal one can't ping from the console to this IP? Try vmkping - but that's not the issue here.

- One I go to "Network Adapters" it list

192.168.1.200 - 192.168.1.207. It should list

192.168.1.1 - 192.168.1.254 I assume? As subnet is

/24. What's seen here is not usually that accurate

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You'll need to add a service console port on that subnet (with a 192.168.1.x IP). The SC handles the initial connection to the iSCSI server and once the connection is made then the traffic is sent via the vmkernel.