

vlan with one network card



DB 1 posts since

Dec 2, 2009 Hi there,

just installed esxi 4 u1 on an ABIT K8N SLI mobo with onboard network. we plan to use vlans on this interface, we have HP procurve vlan switch(which is connected and has vlans activated)

the question is: Is it possible to use vlans with virtual machines on the esxi host ? we have 3 vlans, #1 for host management via VMware vSphere, the others should be connected to the virtual machines.

what has been tried:

- tagged all three vlans on the port from the hp procurve switch, and set host interface vlan 4095(to see all vlans), the host cannot be connected to with static ip, does not get the dhcp.

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- tagged vlan 2 and 3, untagged vlan 1 for management, host gets ip from dhcp and can be managed
- tried to assign vlan to vm network, cannot get ip nor static works.
- when assigning vlan to a vm kernel it does get ip from vlan-network(2 or 3), but kernel cannot be assigned to a vm-machine..

please assist,

any would be really appreciated.

-db- Tags: vlan



[Venkat K](#) 1 posts since

Nov 9, 2009 1. **Re: vlans with one network card** Dec 10, 2009 8:37 PM

Enable trunking on the port where the NIC card is connected.

i.e on the HP switch . Once you enable the trunking the host can view all the vlans on the distribution switch.

it doesn't matter how many vlans.

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