

windows 2003 network problem/ping

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Hello,

I am having problems in a network testenvrionment. It's a network and ping problem.

The network has four identical windows 2003 servers all running Active Directory and DNS.

The servers have two networkcards.

They are all connected to a CISCO switch and the switch is connected to a netgear firewall router.

The problem is that two of the machines cannot ping the other servers, the switch or the router.

The other two machines works fine.

It doesn't matter which network card I use or which ports on the switch or which ethernet cables.

The all have static IPs.

router :192.168.1.1
switch: 192.168.1.254
Server1: 192.168.1.9
Server2: 192.168.1.10
Server3: 192.168.1.20
Server4: 192.168.1.30

The gateway is set to 192.168.1.1 for all.

The DNS is set to its own IP and 192.168.1.1

The router can ping itself, the switch, server1 and server2

Server1 can ping itself, the switch, the router and server2

Server2 can ping itself, the switch, the router and server1

Server3 can only ping itself

Server4 can only ping itself.

For server3 and 4 it doesnt matter which network card I use.

Any tips on how to correct this?

What can be the problem?

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