

Re: Fine for 3 years – then Internal Network unavailable

Source:

<http://www.tech-archive.net/Archive/Win2000/microsoft.public.win2000.networking/2005-02/1278.html>

From: Robert L [MS-MVP] (*noreply_at_hotmail.com*)

Date: 02/24/05

Date: Thu, 24 Feb 2005 10:02:12 -0600

posting the the results of all computers' ipconfig /all here may help. this step by step troubleshooting may help, <http://www.howtonetworking.com/Troubleshooting/notaccessibale0.htm>

Don't send e-mail or reply to me except you need consulting services. Posting on MS newsgroup will benefit all readers and you may get more help.

Bob Lin, MS-MVP, MCSE & CNE

How to Setup Windows, Network, Remote Access on <http://www.HowToNetworking.com>

Networking, Internet, Routing, VPN Troubleshooting on <http://www.ChicagoTech.net>

This posting is provided "AS IS" with no warranties.

I recommend Brinkster for web hosting!

"Neill" <nsanders123@yahoo.co.uk> wrote in message news:cvkp2p\$g0h\$1@goat.anlx.net...

Hi all! I'm desperate for some help!

I have two windows 2k servers running IIS and two windows 2k servers running SQL7. All has been fine and dandy for pretty much 3 years! I've even been boasting to my linux colleagues that my windows servers have been running without problem for this long!

All servers have dual network cards. The web servers each have a single external interface card (without microsoft networking client etc) which are used by external sources (internet) to connect to the websites running on them. Connectivity to the web servers is absolutely fine.

The web servers also each have an internal network interface card which is used to connect to backend database servers. The aim of this being to ensure that the database servers cannot be seen from the internet and also to ensure "website traffic" flows over a seperate network card to "database traffic".

The internal network cards are directly cabled to a cisco switch and configured with IP addresses on the 10.255.1.0/24 network. No gateway is set for the internal network cards (they all exist on the same subnet so no need!?)

microsoft.public.win2000.networking: Re: Fine for 3 years – then Internal Network unavailable

However for no reason whatsoever the servers can no longer communicate between each other over the internal network! Database connections that use the internal ip address of the database servers now timeout with a nasty "[DBNETLIB] SQL server not found or access denied" error. The servers cannot ping each others internal address, and the 10.255.1.x network addresses arent even showing in each servers arp cache.

To try and get it working I manually added arp entries to each server, and it appears that each server can now ping each other... However database connections still have the same problem, so I dont think this "bodge" attempt has resolved anything.

I must admit, I installed a whole host of windows security updates last Sunday evening (20th Feb). I can supply the KB numbers if this is useful, one of them included an update to WINS which is installed on the web servers to ensure windows name resolution works ok. Everything was fine until last Tuesday night (22nd Feb).

with thanks in anticipation

Neill