

Re: DHCP Issues

Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.networking/2006-01/msg00361.html>

- *From:* "Rustom" <RustomNB@xxxxxxxxxxx>
 - *Date:* Fri, 13 Jan 2006 14:17:01 -0800
-

Phillip,

Thanks for the response, I want to clarify the third question. We understand that we should not have more hosts on the network than IP addresses. We have designed the DHCP scopes to address this, however, from a theoretical perspective what would occur. Would the client obtain an IP address form another scope?

Thanks

Rustom

"Phillip Windell" <@.> wrote in message

news:ODcIcpIGGHA.2320@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

>

> "Rustom" <RustomNB@xxxxxxxxxxx> wrote in message

> [news:O4Hs4\\$HGGHA.3000@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:O4Hs4$HGGHA.3000@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)

>> I have two DHCP servers in a server VLAN which has multiple scopes set up
>> for user VLANS within my Active Directory environment. The IP range per
>> VLAN is configured as a 50 / 50 split between the two servers.

>>

>> Questions:

>>

>> Workstation comes up on the 17.219.64.x VLAN network and requests an IP
>> Address.

>>

>> 1. Which of the two DHCP servers will answer the request?

>> 2. Will all traffic default to the first DHCP server and then the
>> second?

>

> It the client has once gotten an IP config, then it will try the same
> server

> again. If it has never recieved a config then which ever DHCP responds the
> quickest wins the prize.

>

>> 3. If both the scopes for the 172.19.64.x network is filled, how

Re: DHCP Issues

>> does
>> DHCP handle the request.
>
> That will never happen if you designed the network so that you always have
> more IP#s than you have clients to give them to. You are never supposed
> to
> put more physical Hosts on a segment that total more than the number of
> possible address that are available to the segment.
>
> ---
> Phillip Windell [MCP, MVP, CCNA]
> www.wandtv.com
> -----
> Understanding the ISA 2004 Access Rule Processing
> http://www.isaserver.org/articles/ISA2004_AccessRules.html
>
> Microsoft Internet Security & Acceleration Server: Guidance
> <http://www.microsoft.com/isaserver/techinfo/Guidance/2004.asp>
> <http://www.microsoft.com/isaserver/techinfo/Guidance/2000.asp>
>
> Microsoft Internet Security & Acceleration Server: Partners
> <http://www.microsoft.com/isaserver/partners/default.asp>
>
> Deployment Guidelines for ISA Server 2004 Enterprise Edition
> <http://www.microsoft.com/technet/prodtechnol/isa/2004/deploy/dgisaserver.msp>
> -----
>
>
>
>

• **References:**

◆ **DHCP Issues**

◇ From: Rustom

- Prev by Date: **Re: How to set SNMP Community/String on Win2003 ?**
- Next by Date: **Re: Licensing mode?!?!**
- Previous by thread: **DHCP Issues**
- Index(es):
 - ◆ **Date**
 - ◆ **Thread**