

Re: DHCP Migration

Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.networking/2004-06/0192.html>

From: Phillip Windell (_at_)

Date: 06/03/04

Date: Thu, 3 Jun 2004 16:00:53 -0500

You get the one configured the way you like but leave the scopes "deactivated". You would have a separate scope for each subnet. You Router(s) handling the subnets would be configured to forward DHCP request to the proper DHCP Server. When you are ready to active the scopes shut down the old DHCP and keep it off the system, or at least disable the DHCP Service on it, then activate the scopes on the new one.

If you are doing this with the same address set you currently use now it will be messy and I can't see any way to avoid some downtime. We did ours by using a whole new address block to do the splitting and left our old address block alone and used the old one for the first subnet. This allowed me to keep everything running as it was in the "first" subnet (old address block) and move things a little at a time. Once the new scopes were configured and activated on the DHCP Server and the Router was forwarding the requests, I then took the machines in small groups and moved the patch cable to the proper switch port and rebooted the machine or just did an IPCONFIG "Release" and "Renew" and the machines were now in the new subnet. Doing them in small groups reduced the effect of the "disaster" if it didn't go well.

You have to be careful with Servers because software running on them may be tied to their IP# and the Servers may be referenced on other machines by thier IP#. Sometimes a software application running on a Server practically "shoots itself in the head" if you change the Server's IP#, so there is a lot to consider when you move a Server to another subnet. You need to research the effects of IP# changes for every application running on the Server, and this may even be true for some applications on the Clients.

--

Phillip Windell [MCP, MVP, CCNA]
www.wandtv.com

"Joe" <joedboswell at hotmail dot com> wrote in message
news:%23Ibpk3YSEHA.3944@tk2msftngp13.phx.gbl...

> So we are installing a DHCP server on another machine in our domain with
the

> intention to have it be our primary DHCP server.

>

> At the same time we are resubnetting, going from 24 bit mask to 22 bit.

>

microsoft.public.windows.server.networking: Re: DHCP Migration

> I was wondering how to go about this? Basically just setup the DHCP
server
> on the new machine and then delete all the clients on the old machine and
> use the reconcile??? I have no idea, any help in the right direction
would
> be greatly appreciated!
>
> Joe
>
>