

## Re: DHCP / RIS Failures

**Source:**

[http://www.tech-archive.net/Archive/Win2000/microsoft.public.win2000.active\\_directory/2004-09/1840.html](http://www.tech-archive.net/Archive/Win2000/microsoft.public.win2000.active_directory/2004-09/1840.html)

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**From:** Doug Gabbard ([dougga\\_at\\_cfl.rr.com](mailto:dougga_at_cfl.rr.com))

**Date:** 09/23/04

Date: Thu, 23 Sep 2004 14:19:10 GMT

Here are two options to look at.

1. Disable Rogue DHCP detection –  
297847 Dynamic Host Configuration Protocol Server Management Issues in Windows

<http://support.microsoft.com/?id=297847>

2. You could be having a replication issue.

Open ADSIedit and look at the following for possible issues.

cn=configuration

cn=services

cn=NetServices

Then on the right pane review what DHCP servers you have

Now –TEST TEST TEST tthis next section in a LAB before doing this on your production domain. And have a good backup. I just tested it my lab without issues, but still test and backup in your own.

Delete the entries on the right pane

force replication

reauthorize your DHCP server(s).

Doug

On Wed, 22 Sep 2004 10:31:04 -0700, "JC112"

<[JC112@discussions.microsoft.com](mailto:JC112@discussions.microsoft.com)> wrote:

>I need help with some failures I'm experiencing implementing RIS on our  
>network. We currently have a Windows NT domain and a Windows 2000 Active  
>Directory domain (mixed mode). All the computer accounts reside in AD and  
>all the user accounts reside in the NT domain called 5500. DHCP, WINS, and  
>DNS are running on Win2k member servers in the NT domain. We are planning to  
>migrate everything, but not for another 6 months.

>

>I have been trying to implement RIS on a Windows 2000 member server. I  
>install RIS by running the setup, create a CD-based Win2k image, and then

>authorize it in the Active Directory domain by using the DHCP snapin. I also  
>enable the "Respond to client computers requesting service" option. In  
>addition, I've installed a desktop with Win2k Pro and then ran the RIPREP.EXE  
>utility to create an image from the desktop.  
>  
>The problem I have occurs when I boot up a desktop from the PXE enabled NIC,  
>and it attempts to obtain an IP address. The result is our production DHCP  
>servers are taken down by becoming "Unauthorized", and then we have to reboot  
>the DHCP servers before anyone can obtain IP addresses again.  
>  
>I have noticed the following error appearing in the event log on the DHCP  
>servers each time:  
>  
>"The DHCP/BINL service running on this machine has detected the following  
>servers on the network. Their domains are listed below as well as the  
>authorization status of the local machine as verified against the directory  
>service enterprises of each of these domains. If the servers do not belong  
>to any domain, the domain is listed as empty. The IP address of each of  
>these servers is listed in parentheses. The DHCP/BINL service has not  
>determined if it is authorized in directory domain "5500" (Server IP Address  
>192.233.3.4)"  
>  
>We even tried reserving a block of IP addresses, installing DHCP on the  
>Win2k RIS server, joining it to the AD domain, and then authorizing it. But  
>the same result occurs: Both production DHCP servers become unauthorized and  
>DHCP goes down.  
>  
>Any ideas? Thanks.