

# Re: active directory will not start

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[http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.active\\_directory/2006-05/msg00246](http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.active_directory/2006-05/msg00246)

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- *From:* Burley <[Burley@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:Burley@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx)>
  - *Date:* Tue, 2 May 2006 21:57:02 -0700
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Thanks for the help. Just to let you know that after a fruitless day yesterday spinning my wheels trying different solutions, I pretty much did exactly as you laid out and had everything back up and running in less than an hour.

We also have a backup plan in place to make sure that we capture the AD sys state on a regular basis in the future.

Richard Burrell

"Brian Delaney" wrote:

From DSRM change the registry key:  
HKLM\System\CurrentControlSet\Control\ProductOptions\ProductType from LanmanNT to ServerNT

On reboot you will be able to log on to the box in normal mode however Active Directory will not start. From there you can promote the machine into a fake domain, and then demote to completely remove Active Directory. Once demoted you can then promote back up into your production domain. You must go through the promotion to a fake domain otherwise Active Directory will never be healthy.

or.... reformat :)

—  
Brian Delaney, MCSE

"Burley" wrote:

To all:

Ran checkdisk without problem on the balance of the drive. Don't know what caused the corruption, could have been a number of things I suspect. Don't have another DC or sys state to recover from, so the only answer is to

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rebuild the DC, but here's the 25 cent question – how can you do that when you cannot load active directory? Trying to remove AD when you can only get into directory services restore mode isn't possible. Any thoughts???

"Joe Richards [MVP]" wrote:

You have two options

1. Rebuild DC, promote from another DC that is ok.
2. Rebuild DC, recover systemstate.

Other than that, you are done.

—  
Joe Richards Microsoft MVP Windows Server Directory  
Services  
Author of O'Reilly Active Directory Third Edition  
[www.joeware.net](http://www.joeware.net)

---O'Reilly Active Directory Third Edition now  
available---

<http://www.joeware.net/win/ad3e.htm>

Burley wrote:

Running Windows 2003 server and sometime over the weekend the ntds.nis database was corrupted. We are unable to boot into active directory on our PDC (our only domain controller) and any of the ntdsutil utilities that we attempt fail with a JetEngine initialization error. We cannot even perform a lossy repair!! Any help would be appreciated as we are desperate.