

Re: iis problems with some xp clients – kerberos issue?

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<http://www.derkeiler.com/Newsgroups/microsoft.public.inetsrvr.iis.security/2006-08/msg00060.html>

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I think we need to verify exactly where the process is failing.

For example: is the browser even attempting Kerberos Authentication? Or is the webserver failing to get a service ticket for the SQL Server etc.

Check that the site is in IE's Intranet zone (IE doesn't attempt to Kerberos AuthN to sites in the internet zone – it will use NTLM instead).

Then I would get packet captures (using www.ethereal.com) of traffic from client → webserver and webserver → domain controller and webserver → SQL server.

Additionally, you can enable Kerberos logging on the webserver to see if there are any Kerberos related issues (the events get logged to the Windows event log)

Cheers
Ken

<mahalie@xxxxxxxx> wrote in message
<news:1153526771.259662.173920@xx>

I'm the web dev for a 200 person company, everything herein is in our corporate domain.

We use Kerberos authentication – the domain controller is a win2k server.

In short I have an Intranet server (win2k) hosting a .net 2 application and a test server (win2k) hosting a classic asp page. Both access SQL data on different server.

Delegation is enabled for all domain users. I have "impersonate=true" on my .net app and directories on both servers are set to use only Windows Integrated Authentication.

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Internet Explorer settings on the client are set to recognize all the involved servers and use proper settings, windows auth is enabled, auto logon, etc.

And both apps work for about 80% of our users. But the authentication isn't being passed from IE to the server to SQL as expected for the rest, resulting in SQL errors. Our clients are all on XP. At first we thought it was their profiles. But it's the client. The apps don't work for anyone logged on those clients that aren't passing authentication. And for those staff who have no problems, anyone can log on and will have no problems / vice versa.

Then we thought it might be a hotfix/security update. Our sysadmin ghosted an old image and the apps worked (authentication was passed to sql), then he applied all of the updates and set up he normally would for a new user and...it still worked.

We're not sure where to look...AD/profiles don't seem to be the culprit, IE settings have been mimicked on working machines and therefore seem ok, IIS/SQL is behaving normally and it works for all users, just not all machines.

Does anyone have any idea what could be going on? Also, I was not sure what group to post this on...it's security/networking/sql/iis or is there a group for general MS mysteries?

I could post IIS logs, asp errors, sql errors, etc. Please let me know what information would help in diagnosing this.