

Re: Kerberos authentication fails

Source: <http://www.tech-archive.net/Archive/SQL-Server/microsoft.public.sqlserver/2004-06/0030.html>

From: Steven L Umbach (*n9rou_at_nscomcast.net*)

Date: 06/10/04

Date: Thu, 10 Jun 2004 15:18:20 GMT

I wish I could be more help, but don't know offhand what the problem could be. I did find another link that may help that also includes a white paper on troubleshooting kerberos errors. It may also be worthwhile searching <http://google.com> web and groups for those error messages and <http://eventid.net> is a great place to find info about particular events found in the logs in Event Viewer. --- Steve

<http://www.microsoft.com/technet/prodtechnol/windowsserver2003/technologies/security/tkerberr.mspx>

"raul" <raultruco@flashmail.com> wrote in message
news:67a710d7.0406092252.200f8fe3@posting.google.com...

> Hello, we had have kerberos log activated yesterday while we test the
> system. We received basically 2 kind of event log messages. I
> copy/paste (I have traslated they ... it could not match the original
> english labels):

>

> Notes:

> DC Server Name: GPRSServer01 (DC, Sql Server, A.Directory, ...)

> Domain DNS name: distromel.gprs

> Client Server Name: GPRSServer03 (when service is running)

>

>

> * System Event logs in GPRSServer03

> *****

> An error message was received from Kerberos: in logon

> Client time:

> Server time: 10:33:9.0000 6/9/2004 Z

> Error code: 0xd KDC_ERR_BADOPTION

> Extended error: 0xc00000bb KLIN(0)

> Client Domain:

> Client Name:

> Server domain: DISTROMEL.GPRS

> Server name: host/gprsserver03.distromel.gprs

> Destiny name: host/gprsserver03.distromel.gprs@DISTROMEL.GPRS

> Error text:

> File: 9

> Line: ab8

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>
> * *System Event logs in GPRSServer01*
> *****
>
> (15 messages in a morning of the following type. I think this is
> caused by other services, not ours)
> An error message was received from Kerberos: in logon
>
> Client time:
> Server time: 10:47:48.0000 6/9/2004 Z
> Error code: 0x7 KDC_ERR_S_PRINCIPAL_UNKNOWN
> Extended error:
> Client Domain:
> Client Name:
> Server domain: DISTROMEL.GPRS
> Server name: cifs/distromel.gprs
> Destiny name: cifs/distromel.gprs@DISTROMEL.GPRS
> Error text:
> File: 9
> Line: ab8
>
> (5-6 messages in a morning of the following type)
> An error message was received from Kerberos: in logon
>
> Client time:
> Server time: 10:37:48.0000 6/9/2004 Z
> Error code: 0xd KDC_ERR_BADOPTION
> Extended error: 0xc00000bb KLIN(0)
> Client Domain:
> Client Name:
> Server domain: DISTROMEL.GPRS
> Server name: host/gprsserver01.distromel.gprs
> Destiny name: host/gprsserver01.distromel.gprs@DISTROMEL.GPRS
> Error text:
> File: 9
> Line: ab8
>
> I hope it will be enough,
>
> Thanks and best regards,
> Raul Truco
>
>
> "Steven Umbach" <n9rou@n0spam-comcast.net> wrote in message
news:<8qJxc.72773\$Ly.64525@attbi_s01>...
> > I don't know what the problem is but if you have not done such you may
want to
> > enable kerberos logging to give you more detail of what is going on in
the
> > kerberos process – not that I could interpret the results --- Steve
> >

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> > <http://support.microsoft.com/?id=262177>
> >
> > "raul" <raultruco@flashmail.com> wrote in message
> > news:67a710d7.0406090539.6bd9a4a8@posting.google.com...
> > > Hello,
> > >
> > > We have a problem authenticating a user between 2 machines in the same
> > > domain with Kerberos. I'll try to explain our scenario.
> > >
> > > We have a Windows 2003 Server (Enterprise Edition) acting as Domain
> > > Controller with Sql Server 2000 Sp3 running on it. Sql Server process
> > > runs with a custom uest domain account (SqlCustomUser) (no
> > > Localsystem account). In the same domain we have another Windows 2003
> > > Server with a custom Windows Service (developed with .Net) which runs
> > > with another domain user account (ServiceCustomUser). We have
> > > configure the Sql Server to grant access to this service user and the
> > > service connects to Sql Server using Windows Autentication.
> > >
> > > When our service try to connect to a d.b., Kerberos authentication
> > > fails after 1–2 minutes, and finally the conection is stablished using
> > > NTLM. This is our conclusion after reading several articles and forums
> > > of the web. We have tried several workarounds (Delegation, creation of
> > > 'Service Principal Names' with SetSpn.exe, ...) but we haven't get it
> > > yet.
> > >
> > > Any idea will be well appreciated
> > >
> > > Raúl Truco,
> > >
> > > More info: There isn't any firewall, the network is a standar
> > > ethernet, and if we use Sql Autentication all works ok.