

## Re: Oracle Connectivity/Windows Service

**Source:**

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.framework.adonet/2005-03/0549.html>

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**Date:** 03/07/05

Date: Mon, 7 Mar 2005 14:19:07 -0500

Hmm .. This is a guess, but I think I'm correct on this (90% chance I'm correct).

OracleConnection probably maintains a connection pool, just like SqlConnection does. When you restart the database server, the connection pool is now corrupted, and the server the service was running on has no way of knowing that.

.NET 2.0 has introduced two new methods "ClearPool" – for one connectionstringpool and "ClearPools" – for all pools to come over this problem. But in 1.1 you will have to restart the machine the service is running on.

Does restarting your Windows Service machine help? Could u do a failover database model?

– Sahil Malik

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"Karthikeyan Raghuraman via .NET 247" <[anonymous@dotnet247.com](mailto:anonymous@dotnet247.com)> wrote in message news:#q6v2h0IFHA.1360@TK2MSFTNGP10.phx.gbl...

> *We have a windows service written in VB.NET.*

> *This service is used to trigger applications. The functionality of the service can be briefly explained as*

>

> *1. The Service accesses the Oracle database.*

> *2. Checks the status of certain table entries.*

> *3. Depending on the table entries processes are triggered.*

> *4. The Service is a perpetuating one with a periodicity of 2 minutes.*

>

> *Issue:*

>

> *1. The service is installed and is started. It is functioning as expected.*

Now the Database is brought down (say for backup) and is brought up again.

> *When the Database is brought down the service is not able to access the database which is expected.*

> *Now when the database is brought up the service still persists with the*

error.

>  
> *ERROR from the service:*  
> -----  
> *ERROR MESSAGE : ORA-01034: ORACLE not available*  
>  
> *ORA-27101: shared memory realm does not exist*  
>  
> *SVR4 Error: 2: No such file or directory*  
> -----  
> *A manual restart of the service is required to make the service functional*  
> *again.*

>  
> *Software Details*  
> -----  
> *Oracle Version : Oracle 9i Enterprise Edition,*  
> *Release 9.2.0.4.0*  
> *NET Framework: Microsoft .NET 2003, v1.1.4322*  
> -----  
>  
> *The service works well on Windows 2003 server but this issue comes in*  
> *Windows 2000 server SP4.*

>  
> *Any inputs on this will be of help*  
>  
> -----  
> *From: Karthikeyan Raghuraman*  
>  
> -----  
> *Posted by a user from .NET 247 (<http://www.dotnet247.com/>)*  
>  
> *<Id>o7P+hRe3/0WrQ0UqB79M1A==</Id>*