

Article
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Unhelpful error messages when %SuperServer SSL certificate expires.

I have posted to aid others in diagnosing problem with SSL/TLS connections to superserver port from .NET client executable.

The cache instance this appeared on is quite old - 2011 - so I do not know if Intersystems have added a better error message in a later version

The actual fault was due to the certificate in the %SuperServer SSL/TLS configuration having expired.

The unhelpful message that appeared in the .NET client included the following partial stack trace.

```
*** CacheException..ctor: (12:05:09:546) [ConnID= 34822912] [SvrJob=Unknown] [ThreadID=9]
[CacheProvider] Communication link failure: System.ArgumentNullException; Value cannot be null.
NativeError: 461 State: 08S01
InnerException StackTrace:
  at System.Threading.Monitor.Enter(Object obj)
  at InterSystems.Data.CacheClient.SysList.dumpData(Stream outputStream, Int32 count, LogFileStream logFile)
  at InterSystems.Data.CacheClient.OutputStream.send(Int32 count)
  at InterSystems.Data.CacheClient.CacheADOConnection.Login()
  at InterSystems.Data.CacheClient.CachePool.CreateNewPooledConnection(CacheADOConnection conn)
```

The unhelpful message that appeared in the Audit Log was as follows:

%ServiceSuperServer login failure		
Timestamp	2016-12-15 15:40:42.479	
UTCimestamp	2016-12-15 15:40:42.479	
Event Source	%System	
Event Type	%Login	
Event	LoginFailure	
Username	 	
Pid	3883	
JobId	196636	
IP Address	82.43.91.70	

Executable		
System ID	mike-VirtualBox:ARSERVER	
Index	130328	
Roles		
Namespace	%SYS	
Routine		
User Info		
O/S Username	mike	
Status		
Event Data	Error message: Unable to get full header of message within timeout Service name: %ServiceSuperServer Authentication: Unauthenticated \$I: /dev/null:3883 \$P: /dev/null Message Header: If you are using Kerberos, the client's preferred server's "Service Principal Name" may not specify the correct service principal name defined for the server, or if using a keytab file, the kvno in the file may not match the server.	

Hope this is useful to someone.

[#Interoperability](#) [#.NET](#) [#SSL](#) [#Caché](#)

Source

URL:<https://community.intersystems.com/post/unhelpful-error-messages-when-superserver-ssl-certificate-expires>