

Revocation of the SSL certificate failed

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Issue

Customer receives error below when connecting to Azure SQL DB using **Azure AD Integrated option**

Code: 0xC0202009 Source: DigitalLaBoxOlympe Connection manager 'DigitalLaBox Lecture' Description: SSIS Error Code DTS_E_OLEDBERROR. An OLE DB error has occurred. Error code: 0x80004005. An OLE DB record is available. Source: 'Microsoft OLE DB Driver for SQL Server' Hresult: 0x80004005 Description: 'User Authentication ' in Active Directory (authentication option is -**ActiveDirectoryIntegrated** Code d'erreur: 0xCA82F19. tat: 10 **Revocation of the SSL certificate failed**

Investigation/Analysis

Worked with AAD engineer + Cx network engineer and we found that some ports could be blocked that are required to AAD auth to work

We saw requests on **port 80 using protocol OSCP** being blocked as the protocol was considered by the Firewall as "suspicious". According to doc <https://docs.microsoft.com/en-us/azure/active-directory/hybrid/reference-connect-ports> and some research on the internet, we understood that those blocked explain the error message about certificate revocation as **OSCP is used to retrieve "Certificate Revocation Lists"**.

Mitigation



Make sure all required ports are open to AAD auth to work

More Information

Some additional information from specific case 120081725003275

- In this scenario error happened on SSIS 2012, but issue happens also on last SSMS 18.6 (currently)
- In this specific case cx was able to connect from other machine so we knew that issue was not on AAD / ADFS

Public Doc Reference

- <https://docs.microsoft.com/en-us/azure/active-directory/hybrid/reference-connect-ports> 
- https://en.wikipedia.org/wiki/Online_Certificate_Status_Protocol 

Root Cause Classification

Cases resolved by this TSG should be coded to the following root cause:

Azure SQL DB v2\Connectivity\Login Errors\Firewall errors and misconfigurations

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