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HOW TO RESOLVE THE CONNECTION ISSUE FROM IPAS MANAGER WITH MSSQL SERVER ON WINDOWS SERVER 2016

REVISION HISTORY

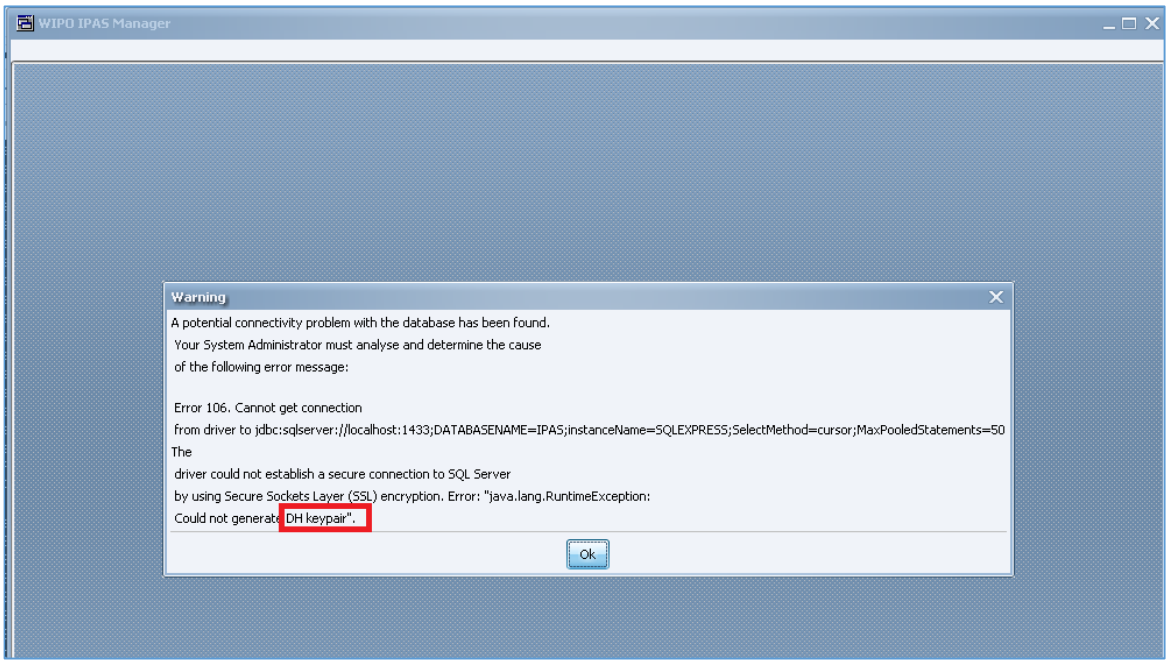
Revision	Date	Comments	Author
0.1	02/05/2018	Initial Draft	Mahesh Boddu
1.0	10/05/2018	Revised the Draft	Pranav Kulkarni

INTRODUCTION

This document describes workaround solution to resolve "DH keypair" exception while accessing MSSQL server database[1] on WINDOWS 2016 server machine. (The document has been verified on IPAS versions 3.3.1, 3.4.x and 3.5.x)

ISSUE DETAILS

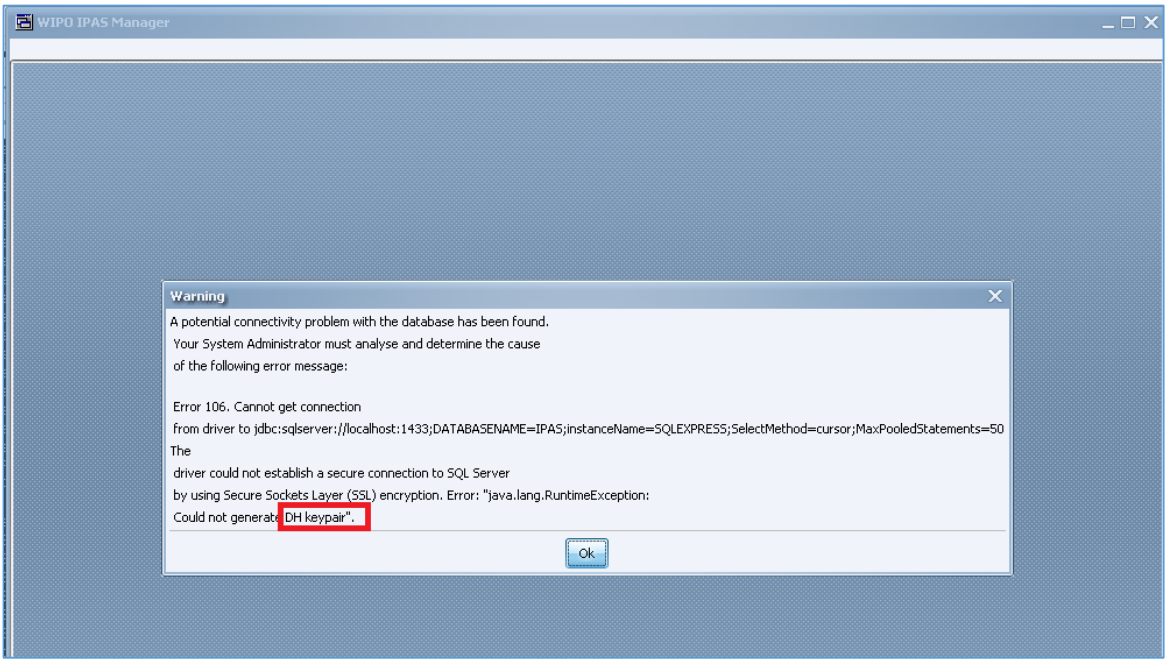
IPAS Manager throws "DH keypair" exception while accessing MSSQL server database on WINDOWS 2016 server machine



[1] This issue does not exist in Oracle Database

STEPS TO REPRODUCE THE ISSUE

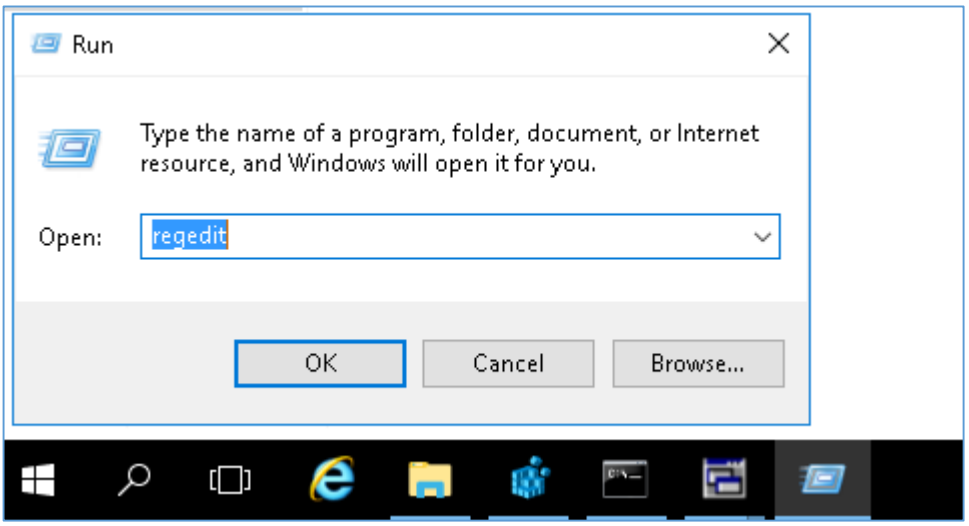
1. Install IPAS Manager
2. Start the IPAS Manager



RESOLUTION STEPS

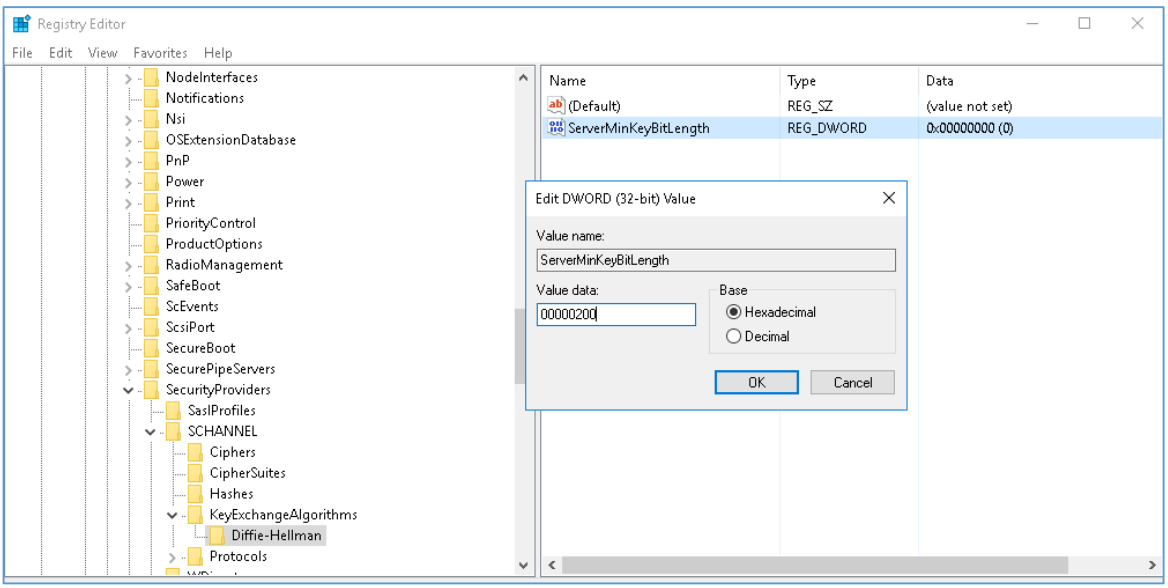
1. We need to configure a registry key on the Windows 2016 server machine where SQL server is installed.
2. Open **Registry Editor**

   Right-click the start menu button and select "Run", type regedit in the Run box and click OK

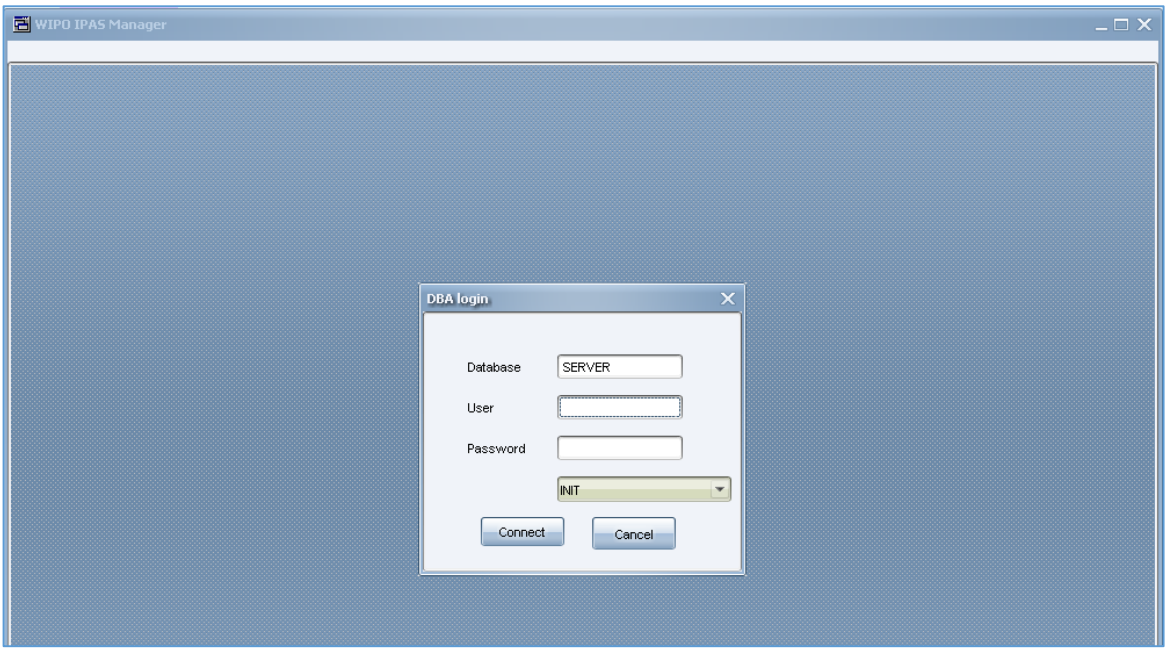


3. Navigate to the below location

   [HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Control\SecurityProviders\SCHANNEL\KeyExchangeAlgorithms\Diffie-Hellman] and then add a DWORD value called "ServerMinKeyBitLength" and set this to 00000200



4. Start the IPAS Manager, it will start without any error after setting the registry key above.


WIPO IPAS Manager
DBA login
Database
SERVER
User
Password
INIT
Connect
Cancel