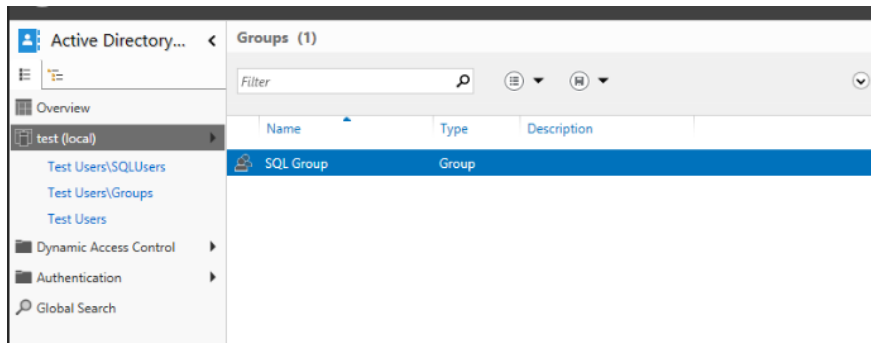
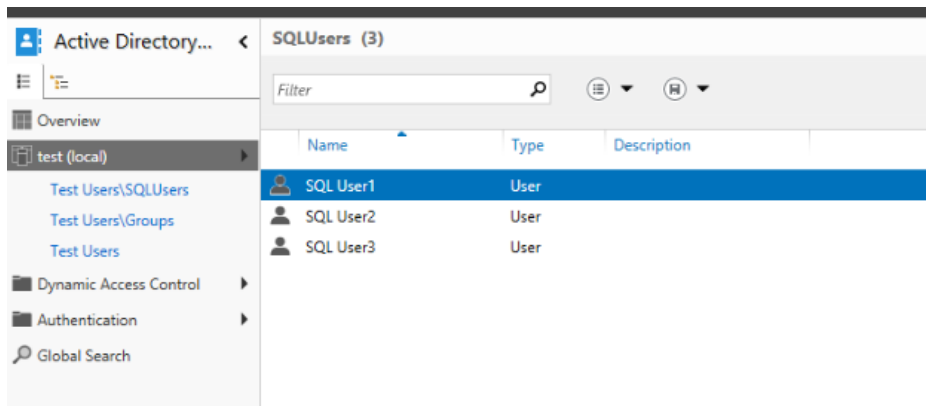


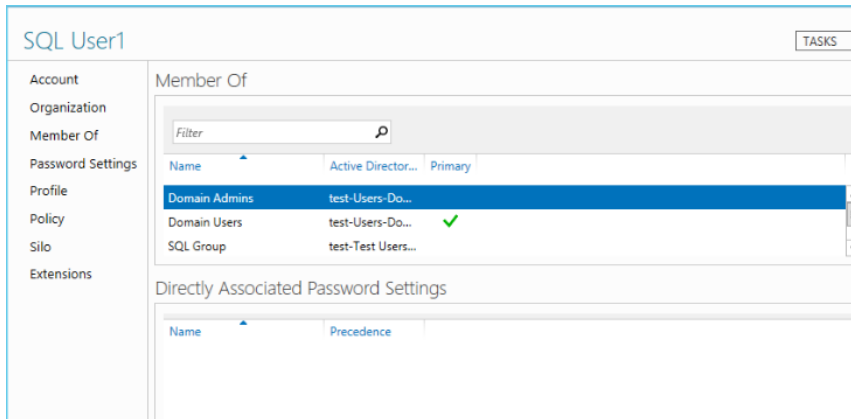
## Homework #5: Active Directory and Group Policy Objects

- This is an individual assignment, and is worth 20 points.
- The due date is Thursday, March 1<sup>st</sup>.
- You need to provide your answers to the “Homework #5 – Tasks.docx” file. Change the file name following the naming convention suggested below.
- Naming convention is as follows: homework, underscore, last name, first initial, and extension (e.g., Homework #5\_ImG.docx).
- Do not copy any of the sample screenshots provided as illustrations.

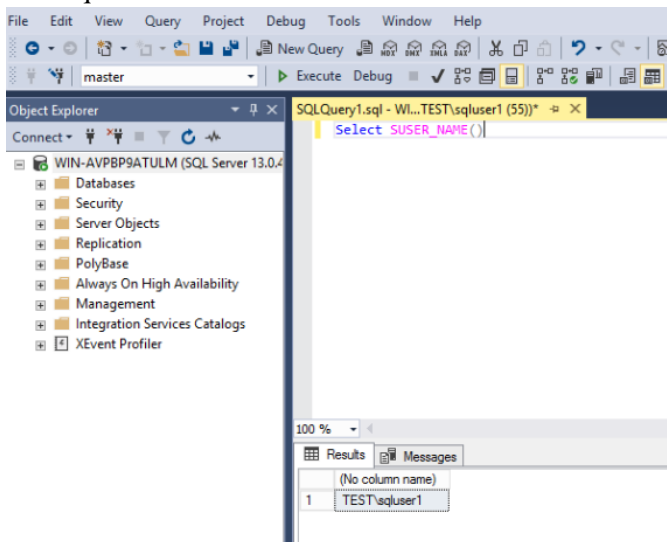
- (**Task 1**) Show in a screenshot that the three domain users (sqluser1, sqluser2, sqluser3) are created in SQLUsers OU. Also show in a screenshot that **sqlgroup** is created in the **Groups** OU.



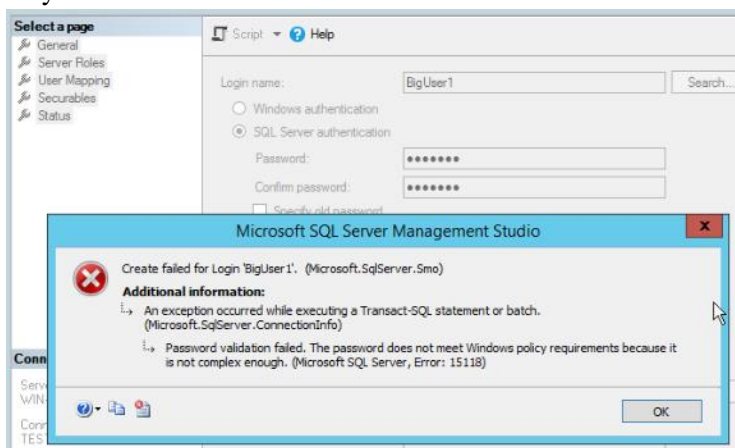
- (**Task 2**) Go to sqluser1 properties and show in a screenshot that sqluser1 is a member of **Domain Admins** and **sqlgroup**.



- **(Task 3)** Run the following query on SQL Server and show in a screenshot that you indeed logged-on with sqluser1.

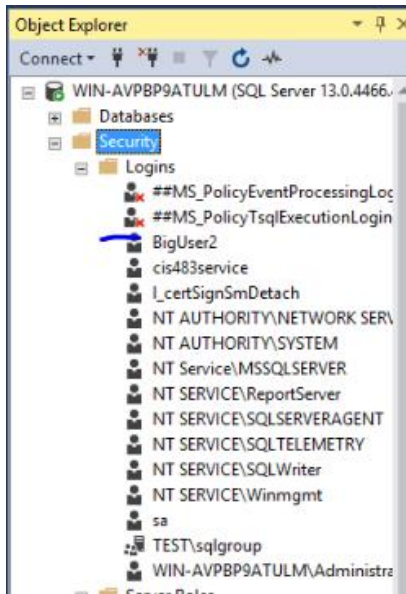


- **(Task 4)** Logon to SQL Server. Create a login “BigUser1”. Select **SQL Server authentication**. Enter the password “1234567”, and show in a screenshot that the login cannot be created. Explain why?



The login cannot be created because SQL Server is enforcing the password policy from Windows and Group Policy Management and their policy dictates that this login cannot be created because the password is too simple. It has enough characters, but it does not meet the complexity requirement for Windows as it only uses incremented numbers in order from 1-7.

- **(Task 5)** Create a login “**BigUser2**”. Select **SQL Server authentication**. Enter the password “1234567”, and show in a screenshot that the login is created. Explain why this was possible. Explain also the relationship between the GPO and the SQL Server password policy.



This was possible because we disabled the password complexity requirement in the Group Policy Management editor. In SQL Server, the GPO can dictate the requirements that the login must have and when you are creating a new login there is a checkbox that says enforce password policy which makes sure the new login you create follows the password policy from GPO.