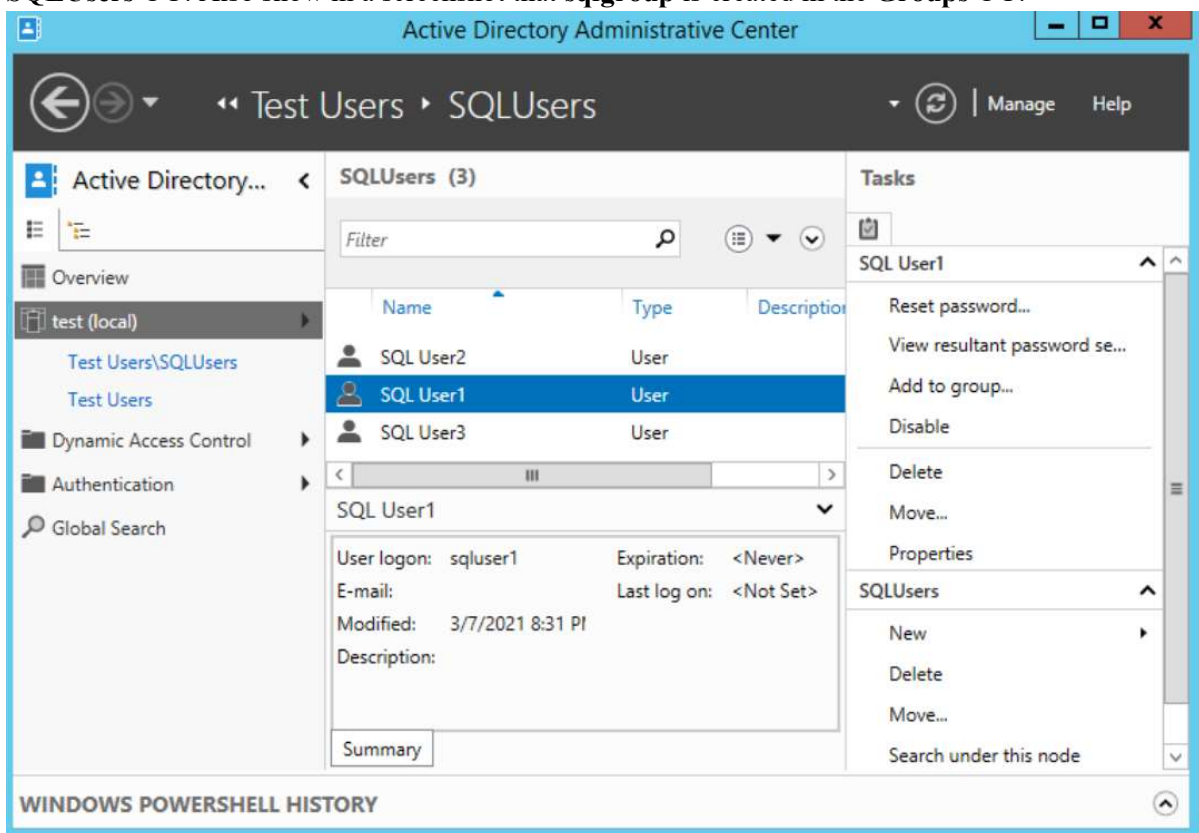
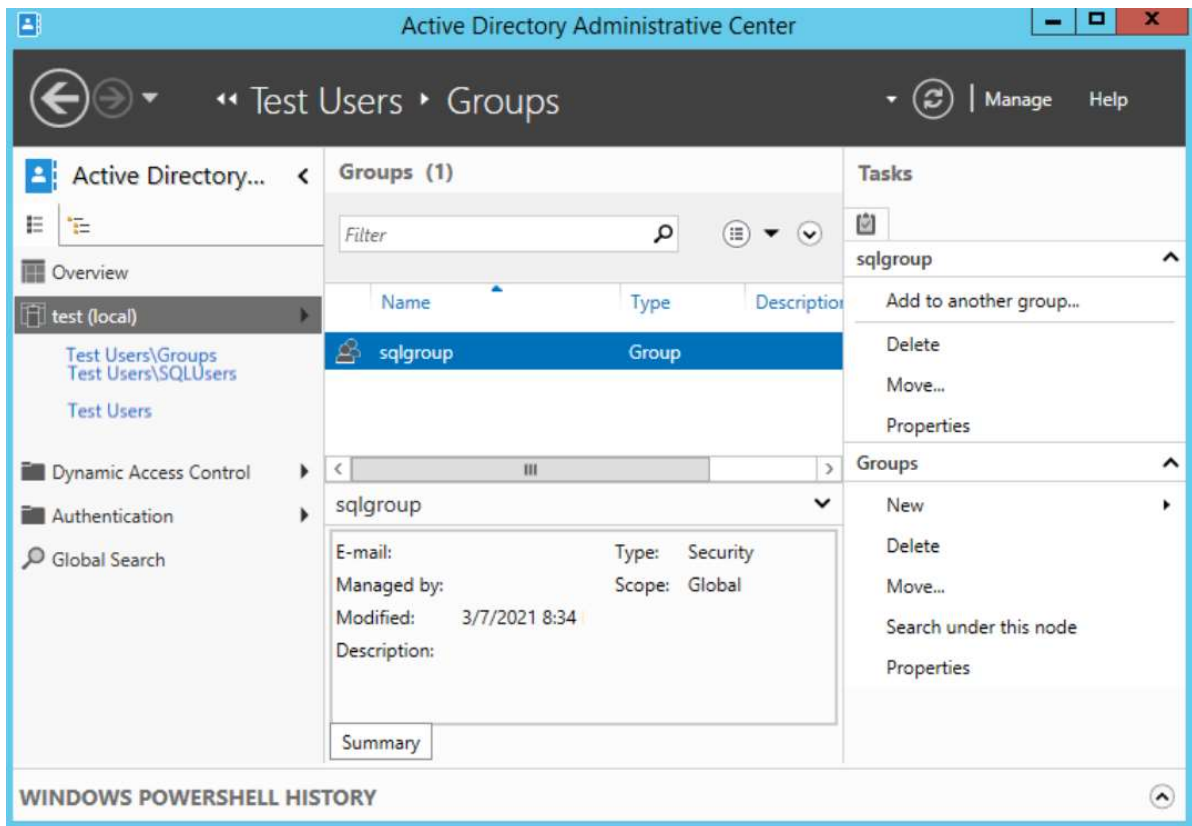


Homework #5: Active Directory and Group Policy Objects

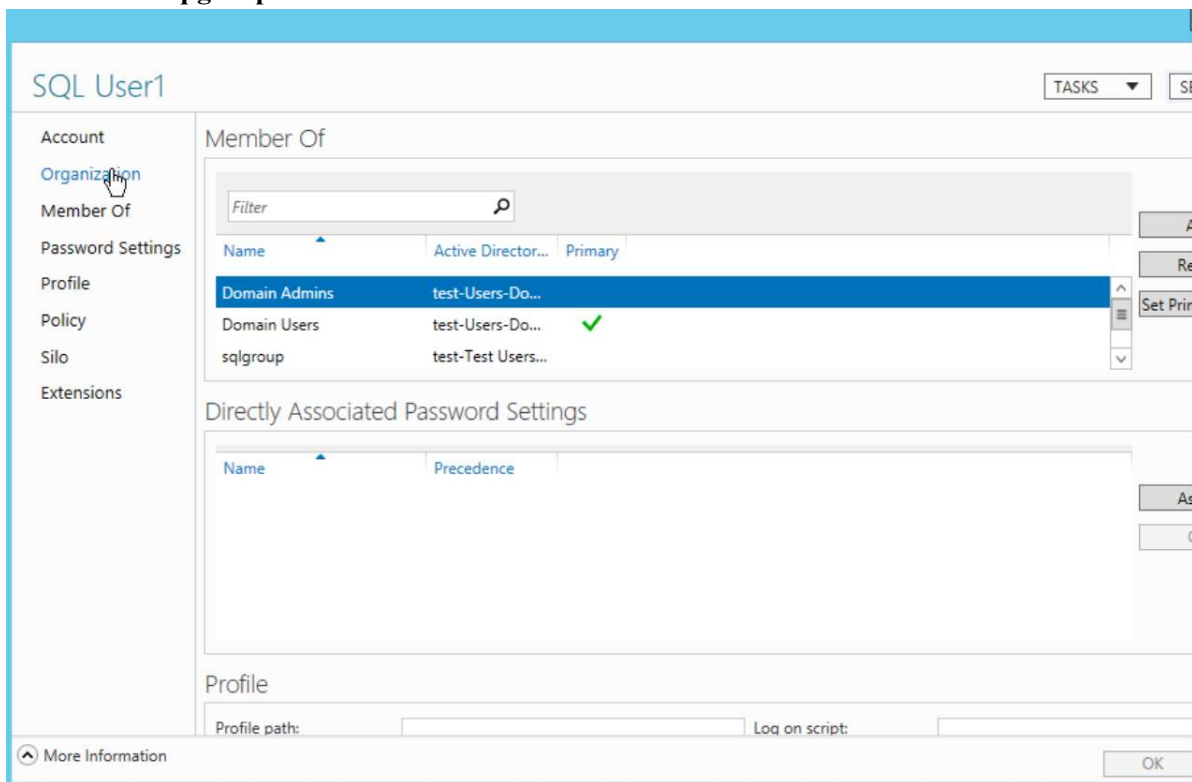
- This is an individual assignment, and is worth 20 points.
- The due date is Monday, March 8, 2021.
- You need to provide your answers to the “Homework #5 – Tasks.docx” file. Change the file name following the naming convention suggested below.
- Naming convention is as follows: homework, underscore, last name, first initial, and extension (e.g., Homework #5_ImG.docx).
- If you do not zoom in your screenshots, I will penalize you.

- (**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.

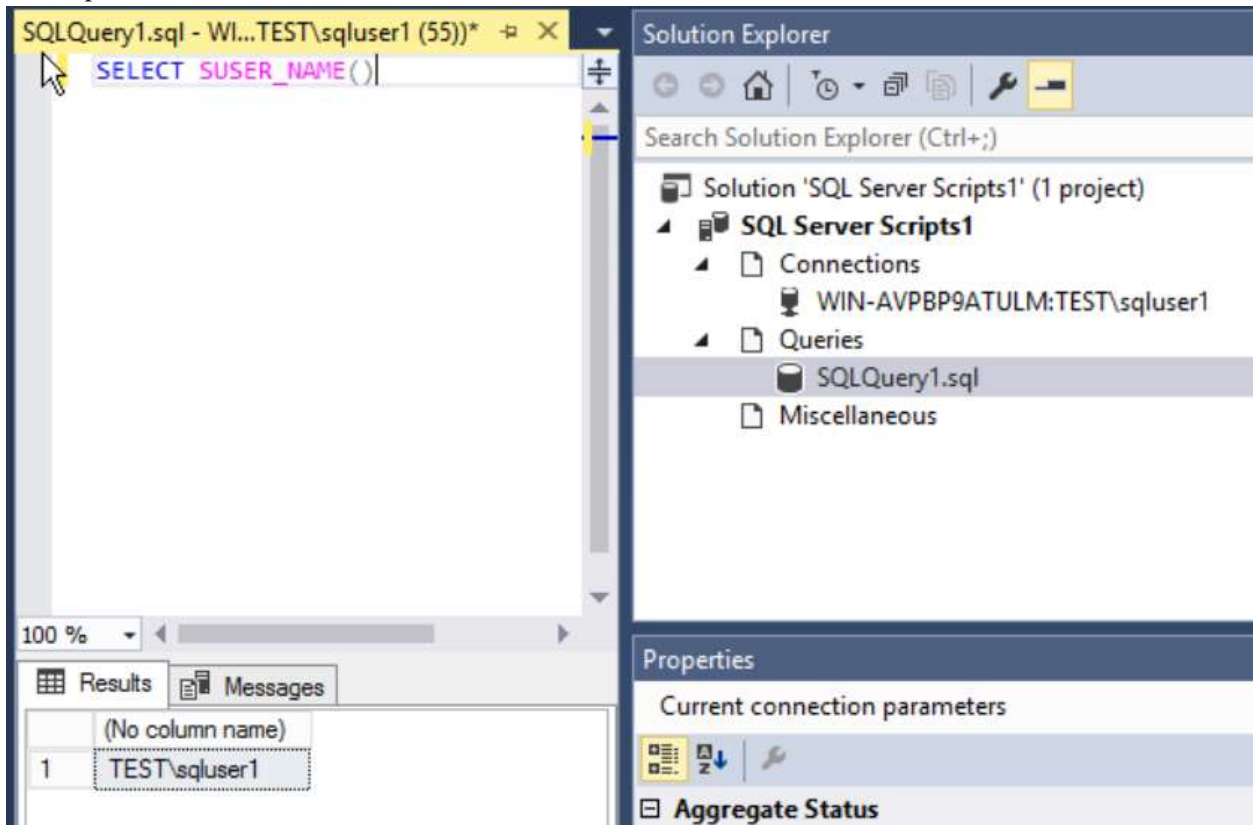




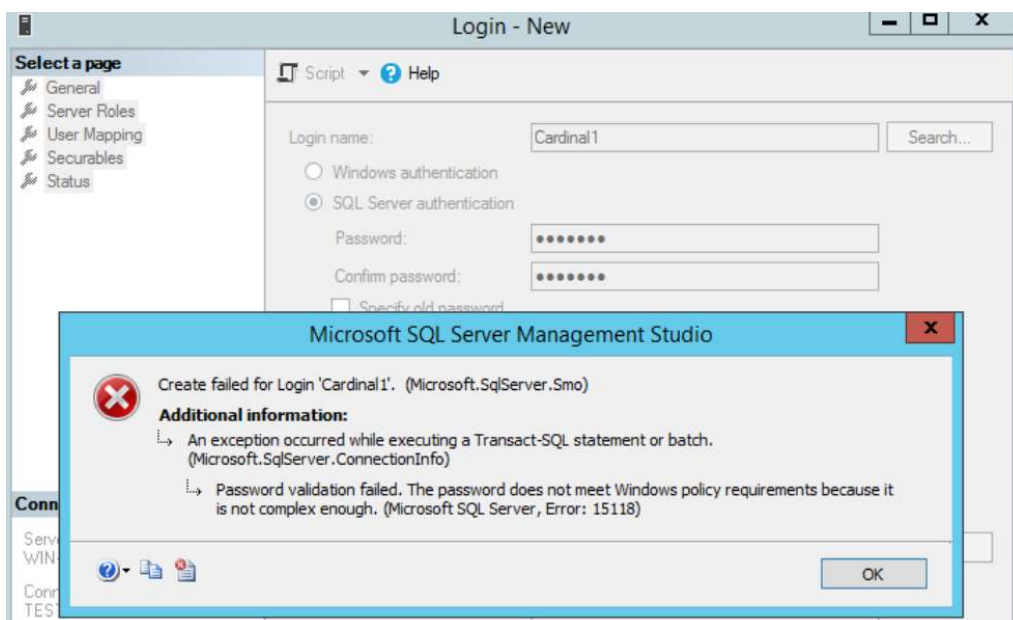
- **(Task 2)** Go to sqluser1 properties and show in a screenshot that sqluser1 is a member of **Domain Admins** and **sqlgroup**.



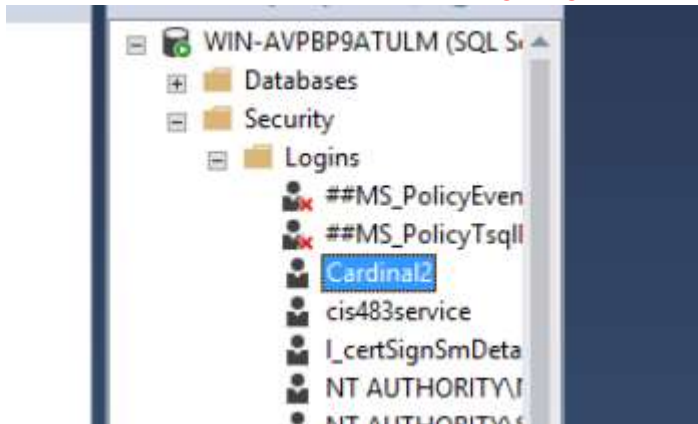
- **(Task 3)** Run the following query on SQL Server and show in a screenshot that you indeed logged-on with sqluser1.



- **(Task 4)** Logon to SQL Server. Create a login “Cardinal1”. Select **SQL Server authentication**. Enter the password “1234567”, and show in a screenshot that the login cannot be created. Explain why? **I was unable to create Cardinal1 because the password did not fulfill the complexity parameter.**



- **(Task 5)** Create a login “**Cardinal1**”. 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. **I was able to create Cardinal2 because we disabled the password complexity parameter. The group policy object defines what a system will look like and how it will behave for a defined group of users. GPOs determine password length, reuse rules, and establish other requirements for passwords to keep a company’s network safe. In SQL Server when creating a login, it has to follow the parameters set by the GPO.**



- **(Task 6)** Create a new AD account using the command **New-ADUser** explained on pp 12-13. Show in a screenshot that the account is indeed created (example below). Also, attach a screenshot that displays the PowerShell execution.

