Homework 5 – Active Directory and Group Policy Objects

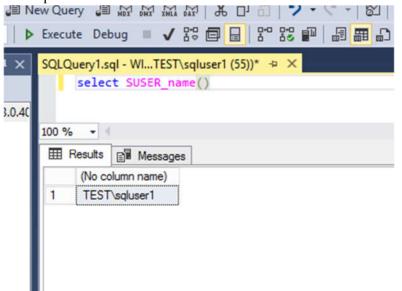
• (<u>Task 1</u>) Show in a screenshot that the three domain users (sqluser1, sqluser2, sqluser3) are created in **SQLUsers** OU. Also show in a screenshot that **sqlgroup** is created in the **Groups** OU.

Ac	tive	e Directory A	dministrative	Cente	r • test	(local)	 Test l 	Jsers •	SQLUser	S
ctory	. <	SQLUsers (3)								
		Filter	م	(ii) •	•					
		Name	Туре	Descr	iption					
.Users		🚨 sqluser1	User							
ups		sqluser2	User							
		sqluser3	User							
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Activ	/e L	Directory Adm	inistrative Cente	er • tes	st (local)	 lest l 	Jsers • (broups		
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		🝰 sqlgroup	Group							
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• (<u>Task 2</u>) Go to sqluser1 properties and show in a screenshot that sqluser1 is a member of **Domain** Admins and sqlgroup.

Account Drganization	Member Of		
Member Of	Filter	م	
Password Settings	Name	Active Directory Domain Services Folder	Primary
Profile	Domain Admins	test-Users-Domain Admins	
Policy	Domain Users	test-Users-Domain Users	~
Silo	sqlgroup	test-Test Users-Groups-sqlgroup	
Extensions	Directly Associate	Precedence	

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

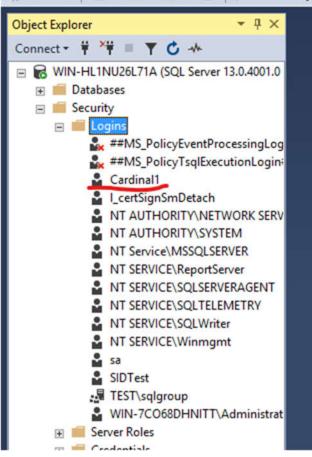


• (<u>Task 4</u>) Logon to SQL Server. Create a login "Cardinal1". Select SQL Server authentication. Enter the password "1234567", and show in a screenshot that the login <u>cannot</u> be created. Explain why?

	Logir	ı - New	_ 🗆 X				
electapage ≸ General	🞵 Script 👻 😧 Help	II Script → 😮 Help					
Server Roles User Mapping Securables Status	Login name: O Windows authentication © SQL Server authentication Password:	Cardinal 1	Search				
	Confirm password:	•••••					
Addin	e failed for Login 'Cardinal 1'. (Microsoft.s tional information: n exception occurred while executing a Tr ficrosoft.SqlServer.ConnectionInfo)	ransact-SQL statement or batch. ord does not meet Windows policy requirements bec	ause it				
Connec TESTV V i			ок				

This password cannot be created because it violates the Windows policy requirement "Password must meet complexity requirements". 1234567 is NOT complex enough to qualify.

• (<u>Task 5</u>) 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.



This login was able to be created because the password 1234567 no longer needs to meet password complexity requirements as set by the Windows Group Policy. This is because we disabled the group policy.

• (<u>Task 6</u>) 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.

ctory <	SQLUsers (4)					
	Filter	 ✓ (ii) ✓ (iii) ✓ (iii) 				
•	Name	Type Description				
Users	🚨 sqluser3	User				
ips	Lewilliam Blevins	User				
TO:S	sqluser2	User				
	sqluser1	User				

