

Databases Laboratory Work Nr 1

Title: Instalarea si configurarea SQL Server 2017

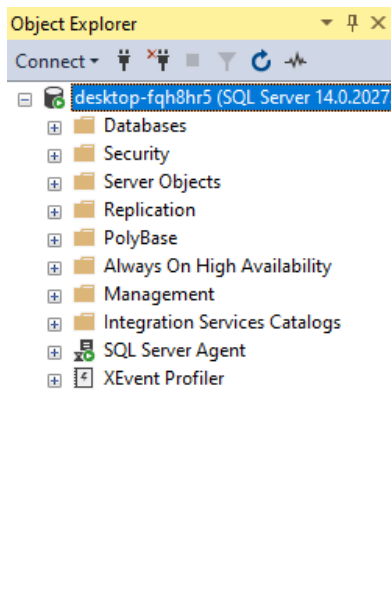
Prerequisites: SQL Server 2017 and SQL Server management studio installers

Objectives: Successful installation and configuration of an SQL Server

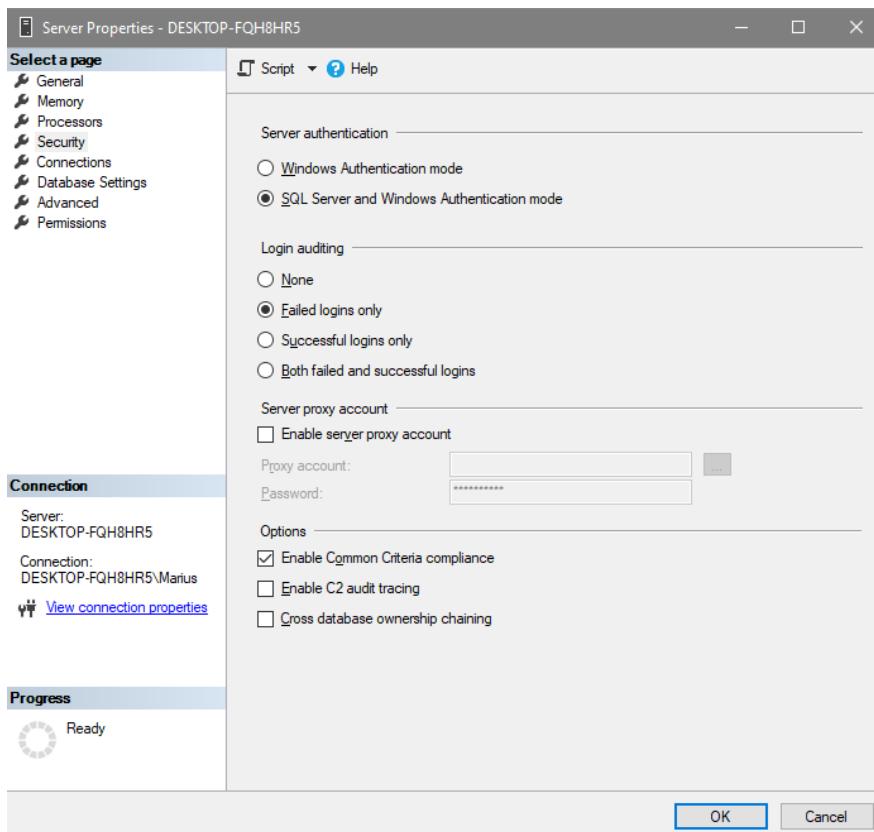
Tasks:

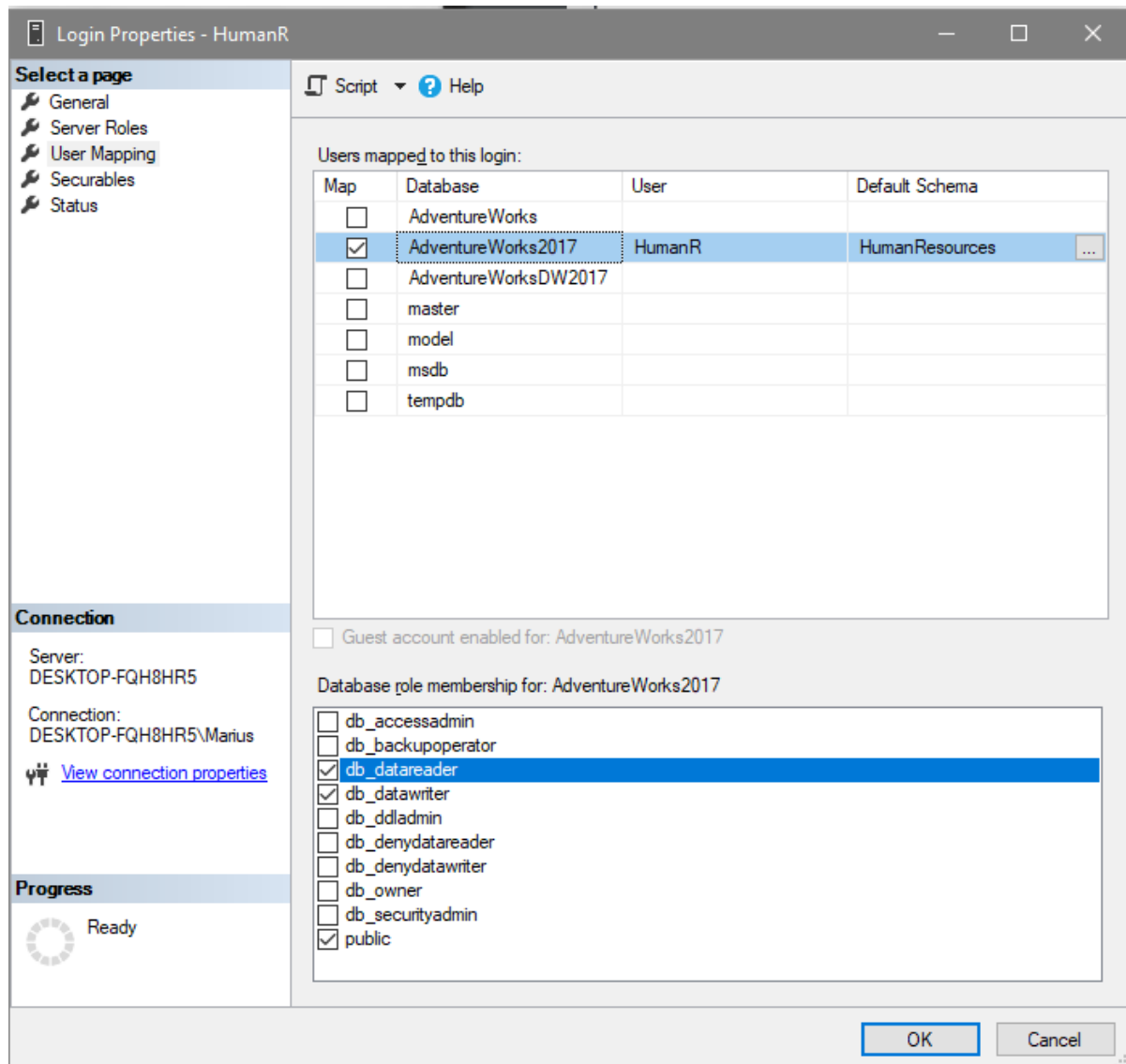
1. Sa se instaleze SQL Server 2017, urmarind procedurile descrise in lucrarea data.
2. Sa se inregistreze serverul pe calculatorul disponibil, alegand tipul de autentificare SQL.
3. Sa se creeze trei loginuri de utilizatori care sa posede SQL Autentificarea.
 - a. Sa se aloce primului utilizator acces la schema HumanResources din baza de date AdventureWorks2017. Utilizatorul dat trebuie sa aiba posibilitatea sa citeasca si sa editeze datele din tabelele schemei respective
 - b. Utilizatorul #2 trebuie sa aiba acces numai la citirea datelor din schema Sales din baza de date AdventureWorks2017. in același timp, el trebuie sa aiba posibilitatea sa gestioneze orice obiect si continutul acestui obiect din baza de date AdventureWorksDW2017.
 - c. Utilizatorul #3 trebuie sa aiba posibilitatea crearii hazel or de date noi si definirii accesului la ele

Implementation:

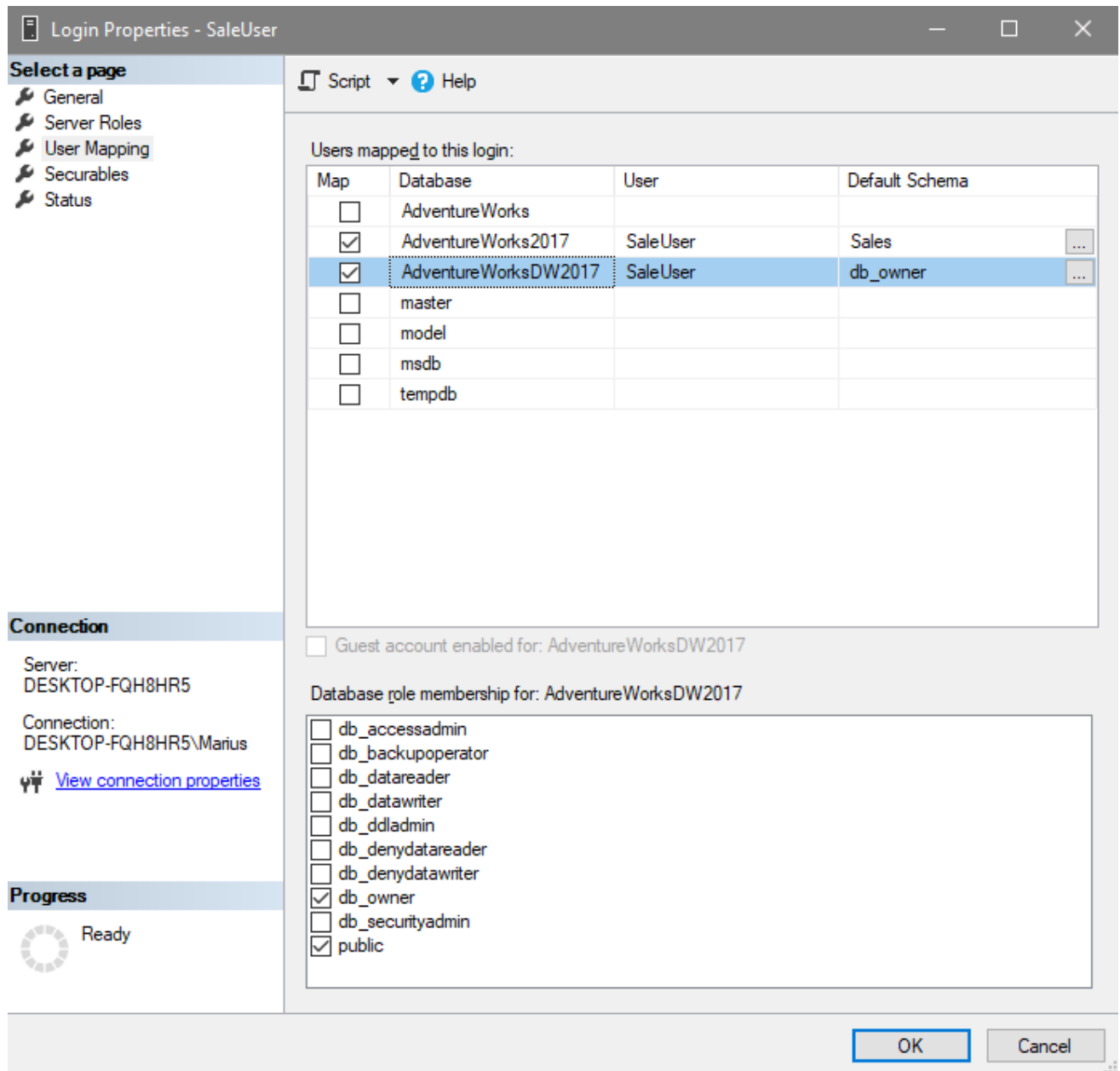


Here we can see that I successfully installed an SQL Server and picked the SQL auth method.





First user HumanR with rights to read and write in HumanResources scheme.



Second user with read rights to Sales scheme form AdventureWorks2017 database and with owner writes to AdventureWorksDW2017 database

Login Properties - SaleUser

Select a page

General

Server Roles

User Mapping

Securables

Status

Script

Help

Users mapped to this login:

Map	Database	User	Default Schema
<input type="checkbox"/>	AdventureWorks		
<input checked="" type="checkbox"/>	AdventureWorks2017	SaleUser	Sales
<input checked="" type="checkbox"/>	AdventureWorksDW2017	SaleUser	db_owner
<input type="checkbox"/>	master		
<input type="checkbox"/>	model		
<input type="checkbox"/>	msdb		
<input type="checkbox"/>	tempdb		

☐ Guest account enabled for: AdventureWorksDW2017

Database role membership for: AdventureWorksDW2017

☐ db_accessadmin

☐ db_backupoperator

☐ db_datareader

☐ db_datawriter

☐ db_ddladmin

☐ db_denydatareader

☐ db_denydatawriter

☒ db_owner

☐ db_securityadmin

☒ public

Connection

Server:
DESKTOP-FQH8HR5

Connection:
DESKTOP-FQH8HR5\Marius

View connection properties

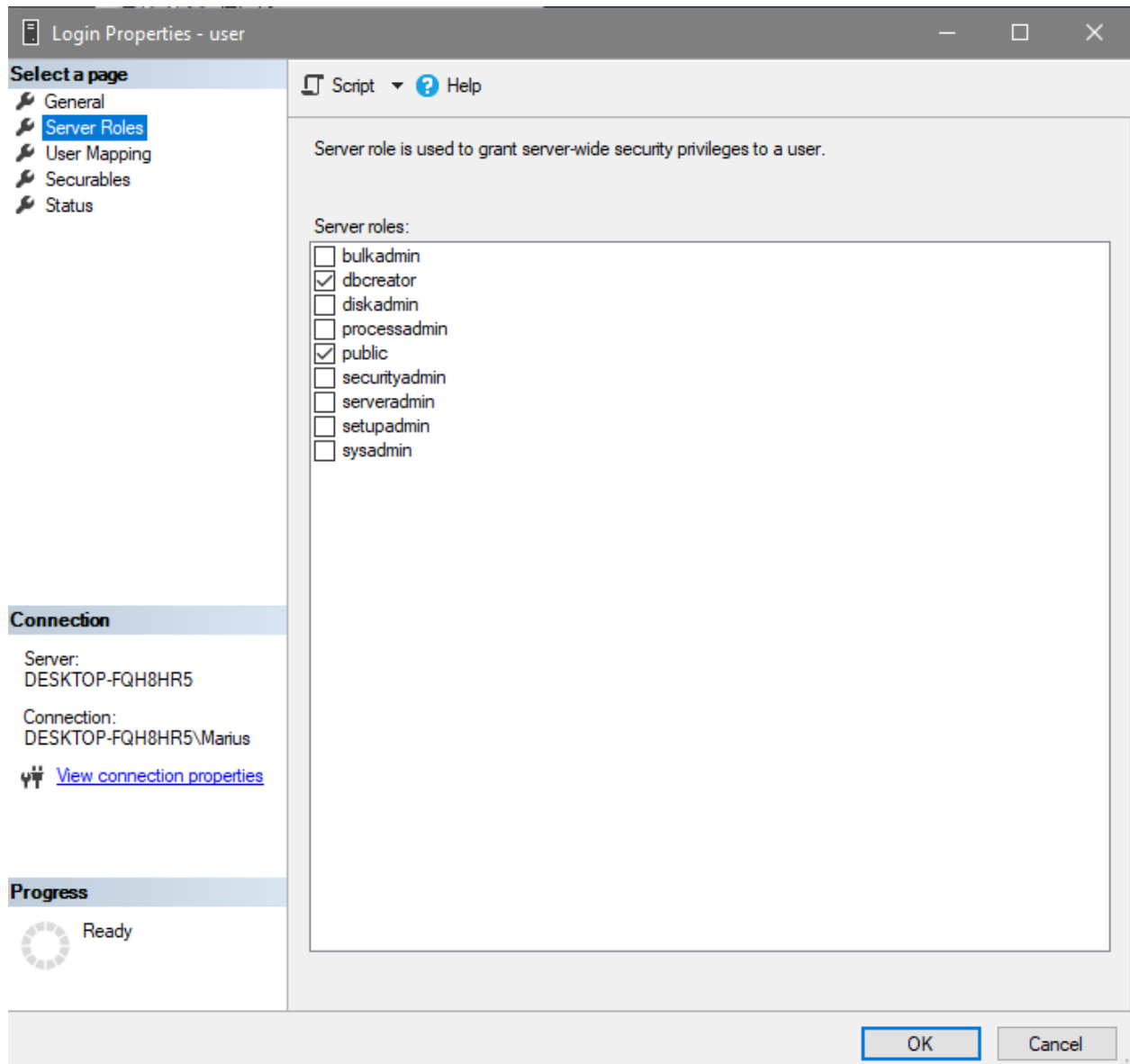
Progress

Ready

OK

Cancel

And the final third user with the server role of dbcreator



Conclusion

During this laboratory work I learned how to properly set up an SQL Server, how to create different databases with different authentication methods and how to create users with their unique roles.