

Databases Laboratory Work Nr 1

Title: Installation and configuration of SQL server 2017.

Prerequisites: SQL server and sample DB from GitHub.

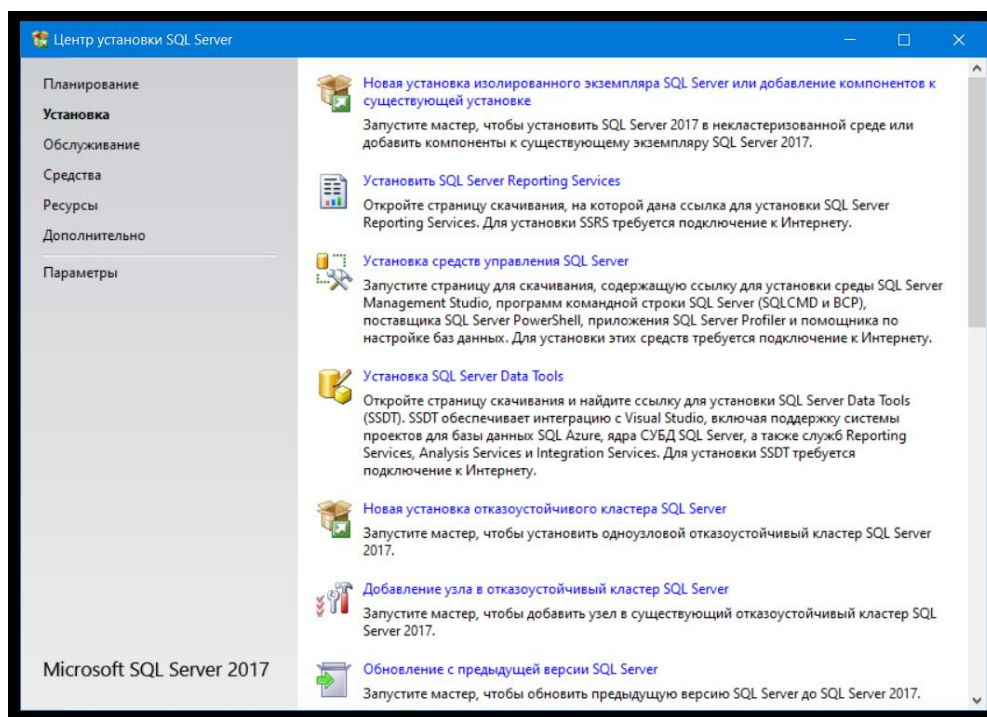
Objectives: Beginning of work in SQL server program and configuring of first databases.

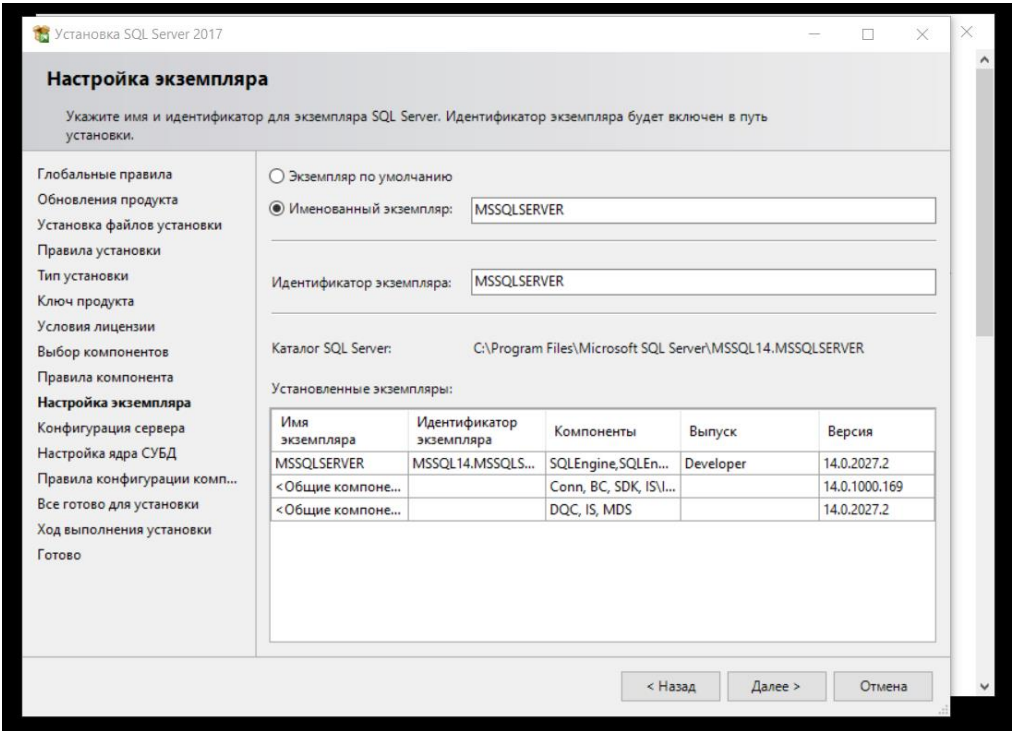
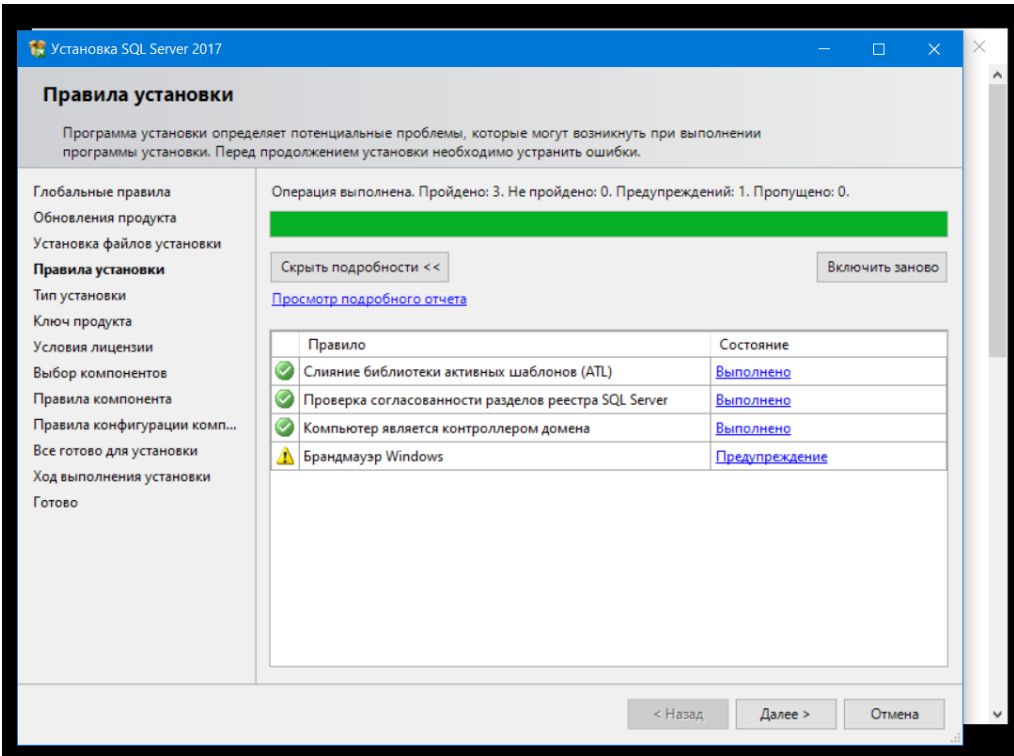
Tasks: To install SQL server base and SQL Server Management Studio. Adding the server on the computer. In addition, to make exercises as creating types of logins of users.

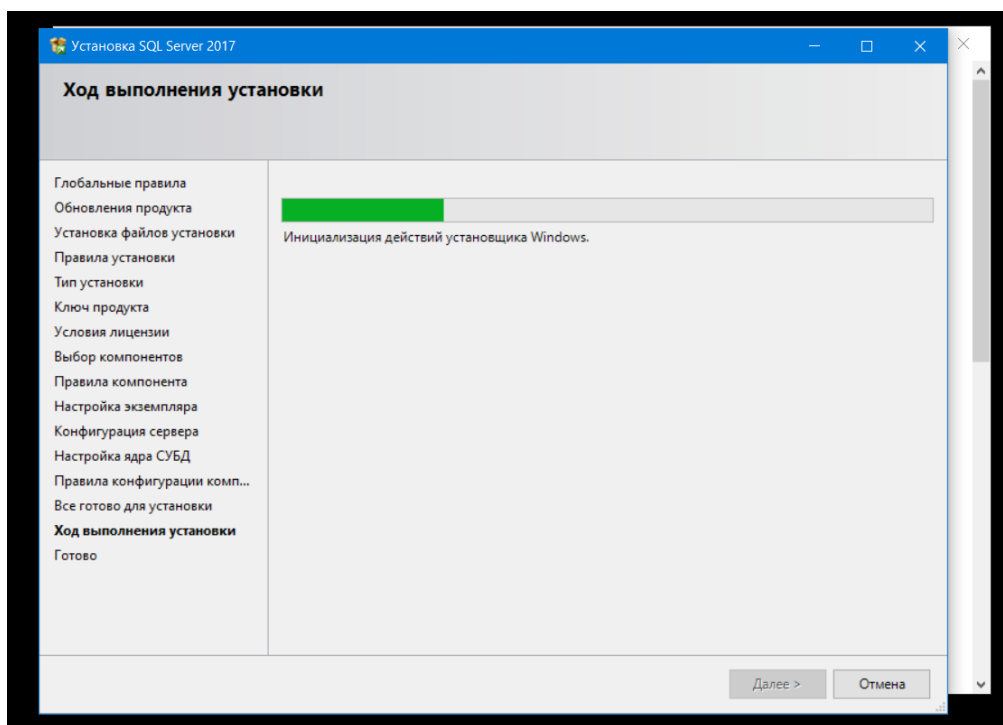
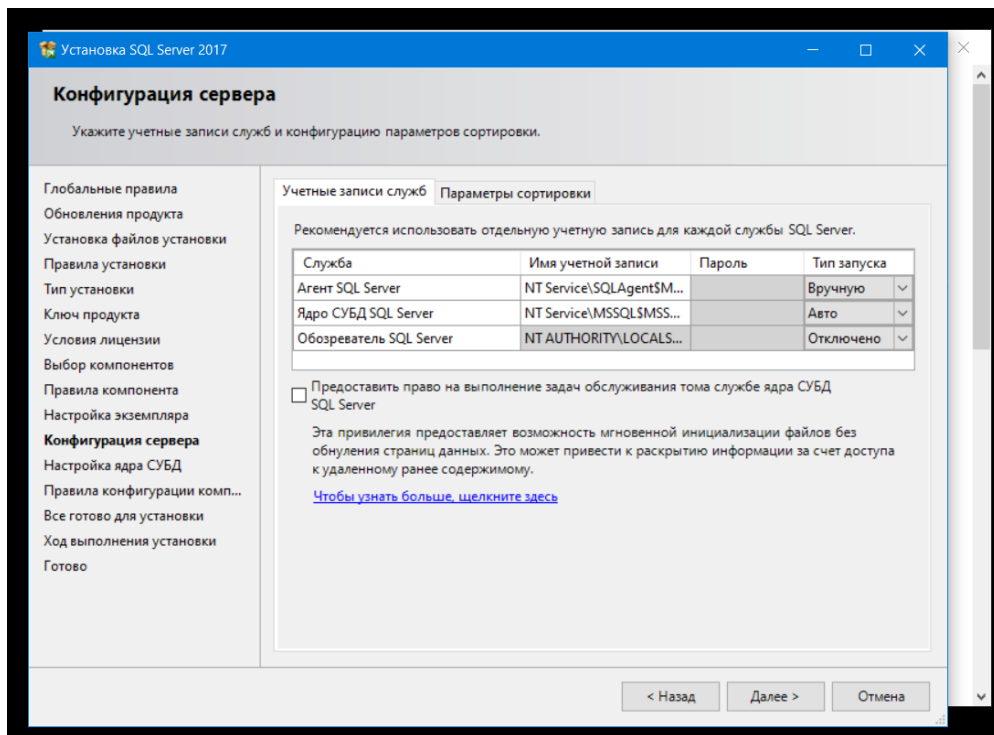
Done by: Plotnicov Polina, FAF-193.

Implementation:

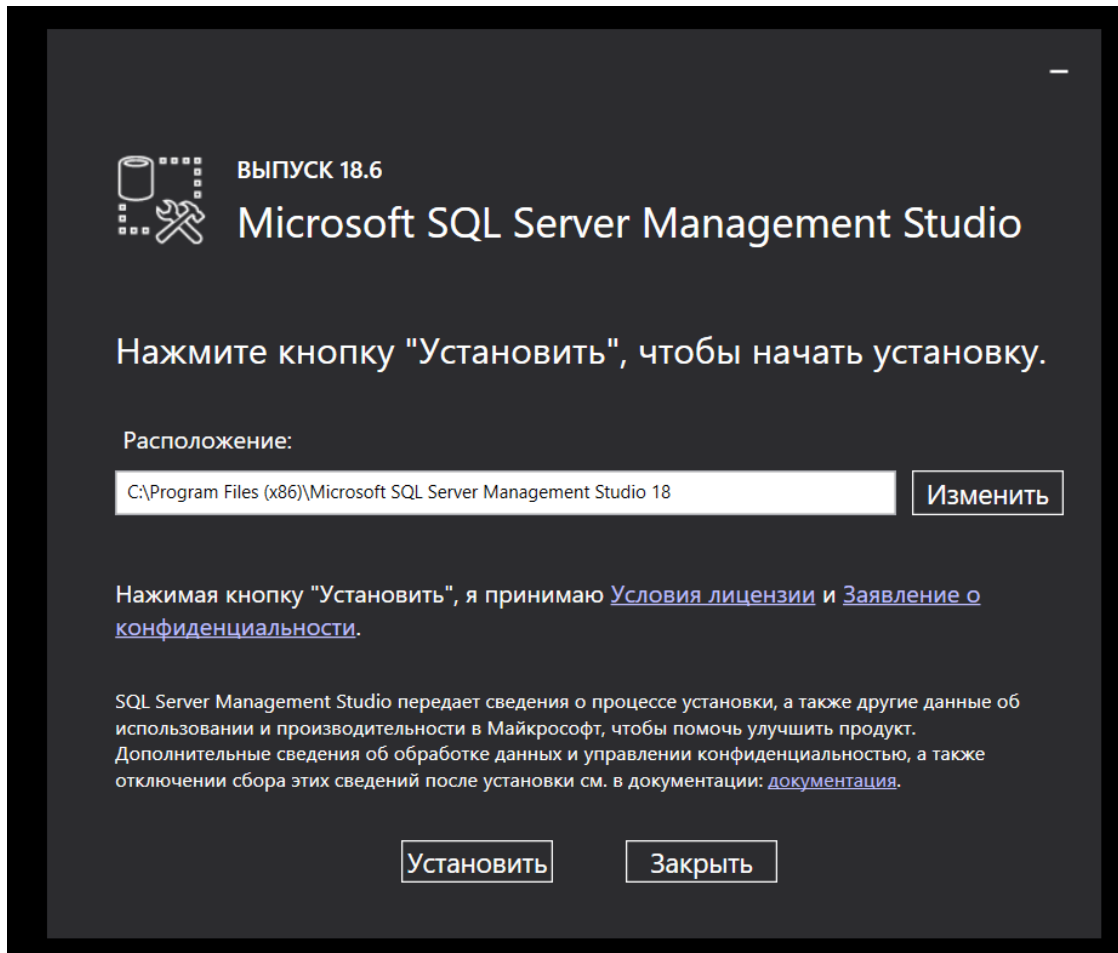
The installation of SQL server and its tools.





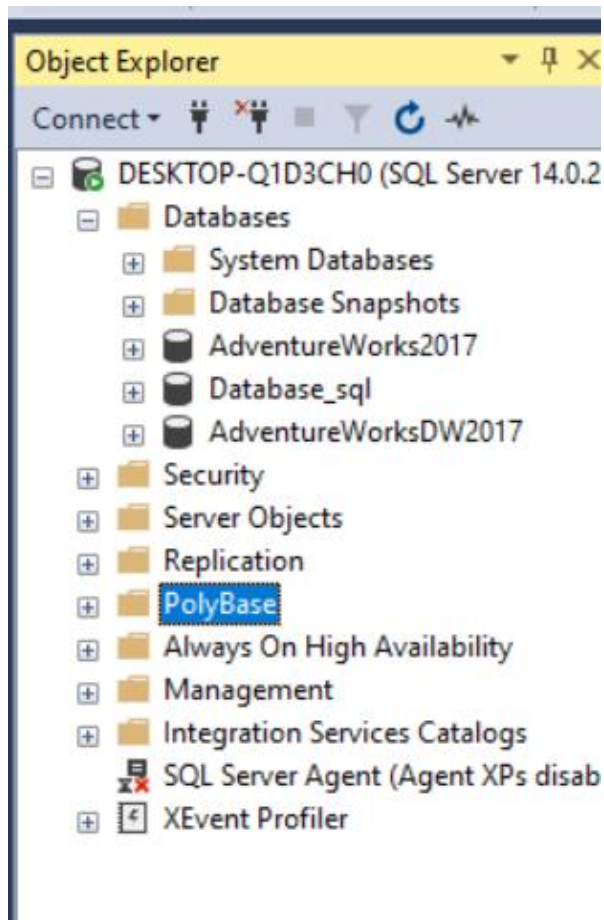


And also, installing SQL Server Management Studio



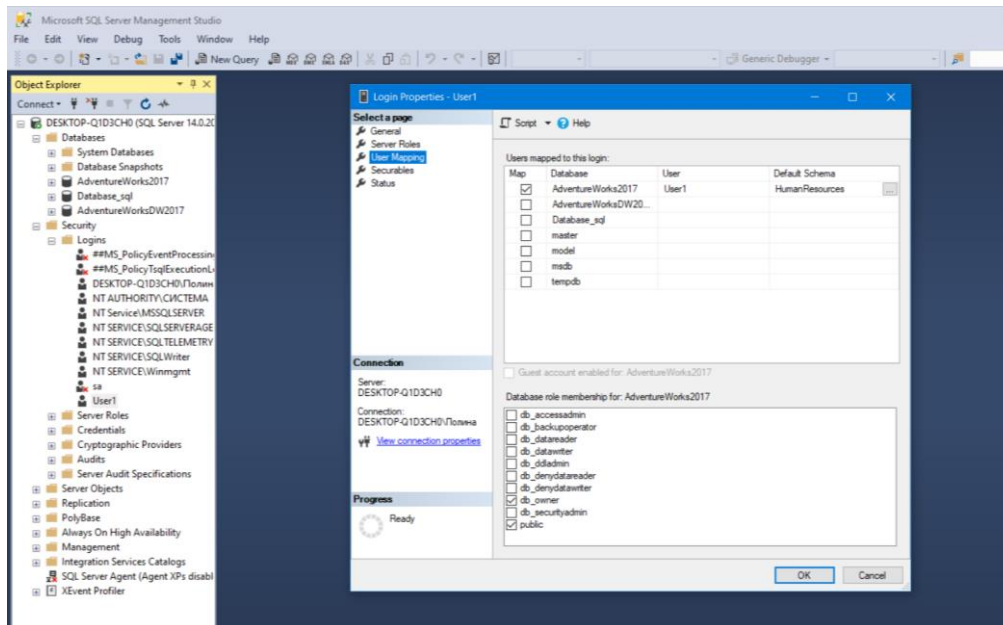
The second task are exercises from manual:

We open and restore the databases AdventureWorks2017 and AdventureWorksDW2017 with SQL authentication.

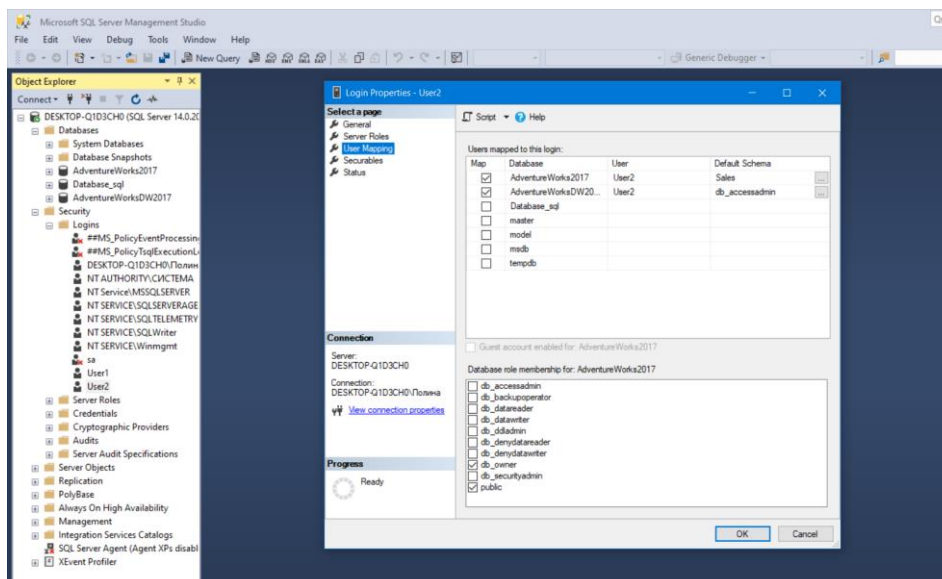


I had to create three users:

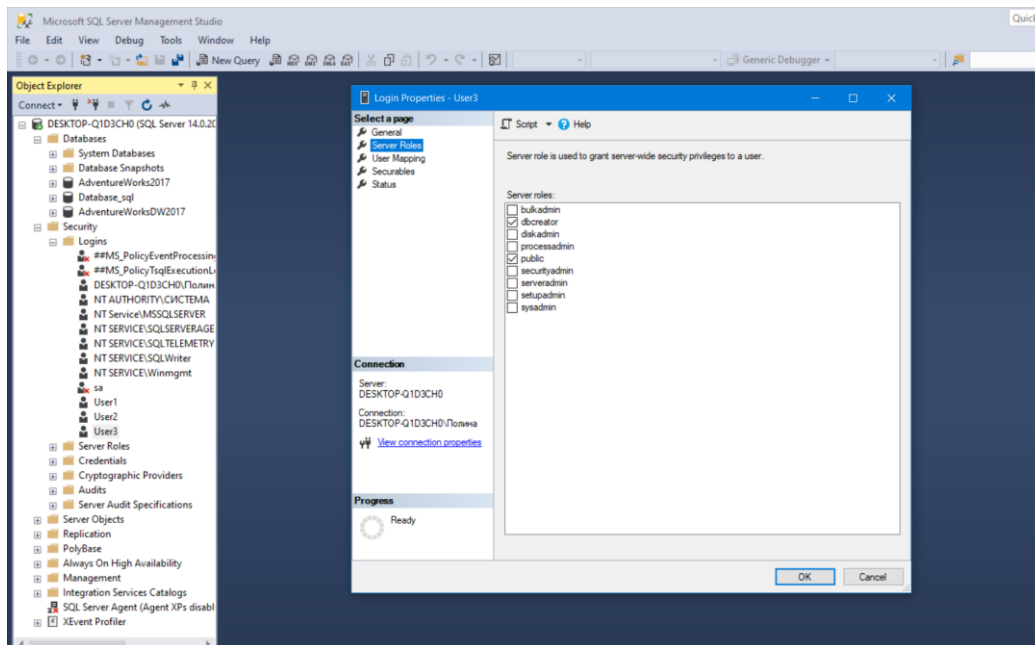
- 1) Sa se alocе primului utilizator acces la schema HumanResources din baza de date AdventureWorks2017. Utilizatorul dat trebuie sa aiba posibilitatea sa citeasca si sa editeze datele din tabelele schemei respective.



- 2) Utilizatorul #2 trebuie sa aiba acces numai la citirea datelor din schema Sales din baza de date AdventureWorks2017. in acelasi timp, el trebuie sa aiba posibilitatea sa gestioneze orice obiect si continutul acestui obiect din baza de date AdventureWorksDW2017.



3) Utilizatorul #3 trebuie sa aiba posibilitatea crearii bazelor de date noi si definirii accesului la ele.



Conclusion:

During completion of this assignment I installed the Microsoft SQL Server and additional tools for it. I also learnt how to create my own SQL server, data bases, and users for a particular server as well as recovering the data base itself. Every created user has their own rules and restrictions.