Databases Laboratory Work Nr.1

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Title: Installation and configuration of the SQL Server 2017

Prerequisites:

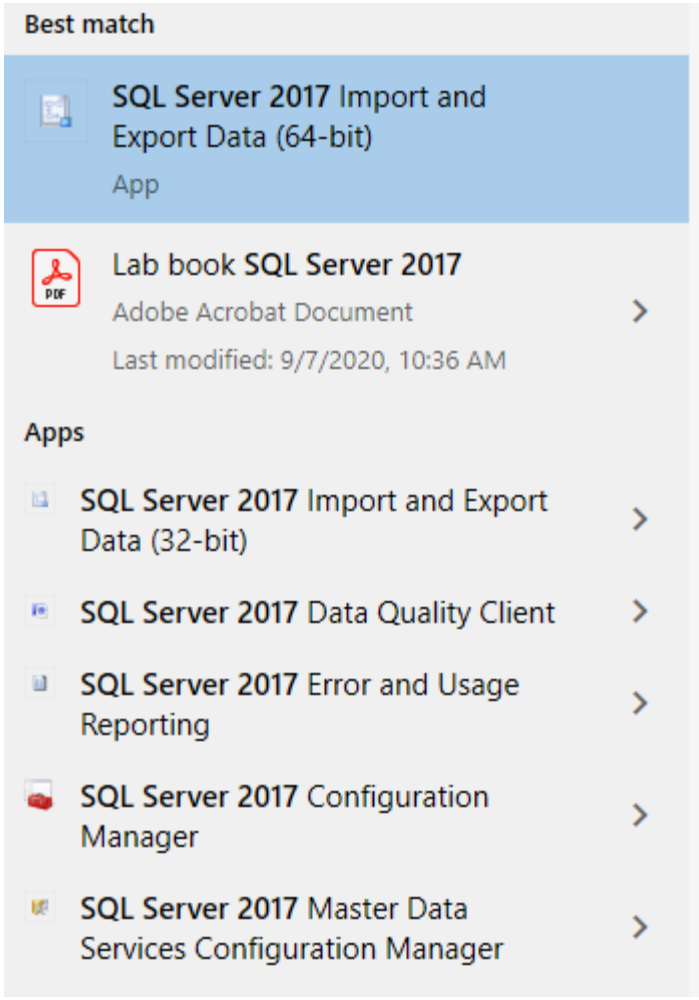
- PC with connection to internet
- Lab book with steps

Tasks:

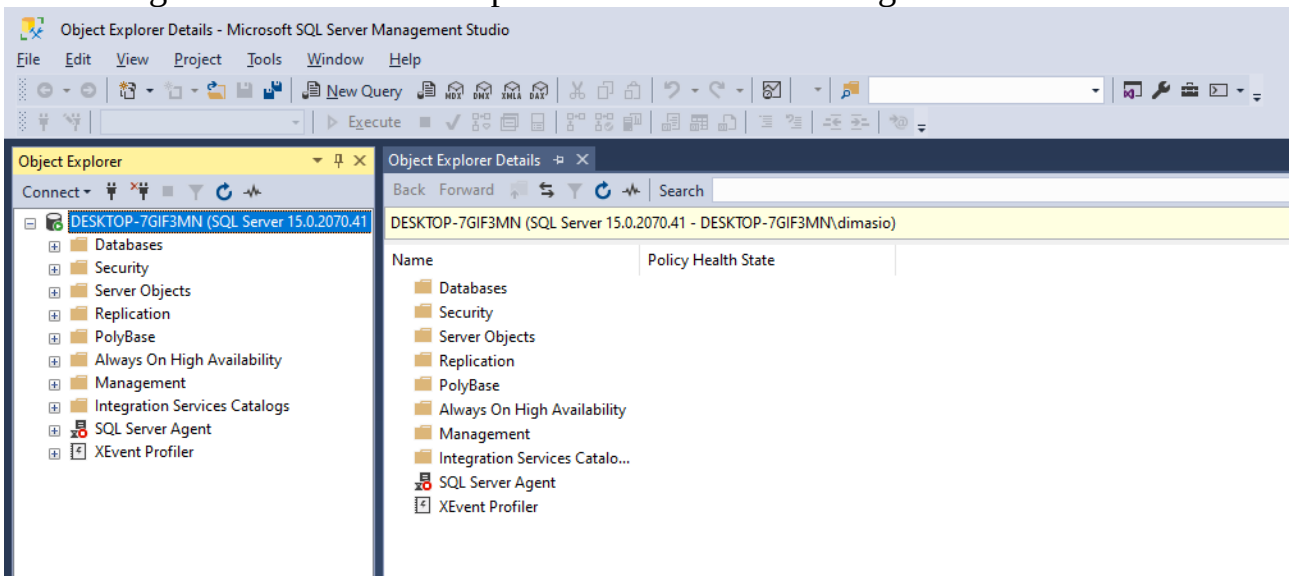
- Installation of SQL Server 2017
- Configuration of SQL Server 2017
- Add Sample Data Base: “AdventureWorks2017”
- Create 3 logins with SQL Authentication with different User Mapping, Schemes and Roles

Implementation:

All packets were successfully installed following the guide.

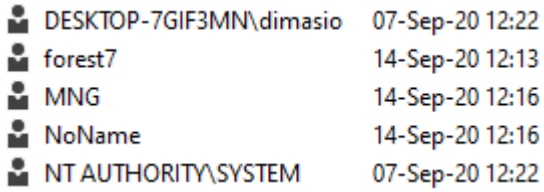

Best match
SQL Server 2017 Import and Export Data (64-bit)
App
Lab book SQL Server 2017
Adobe Acrobat Document
Last modified: 9/7/2020, 10:36 AM
Apps
SQL Server 2017 Import and Export Data (32-bit)
SQL Server 2017 Data Quality Client
SQL Server 2017 Error and Usage Reporting
SQL Server 2017 Configuration Manager
SQL Server 2017 Master Data Services Configuration Manager

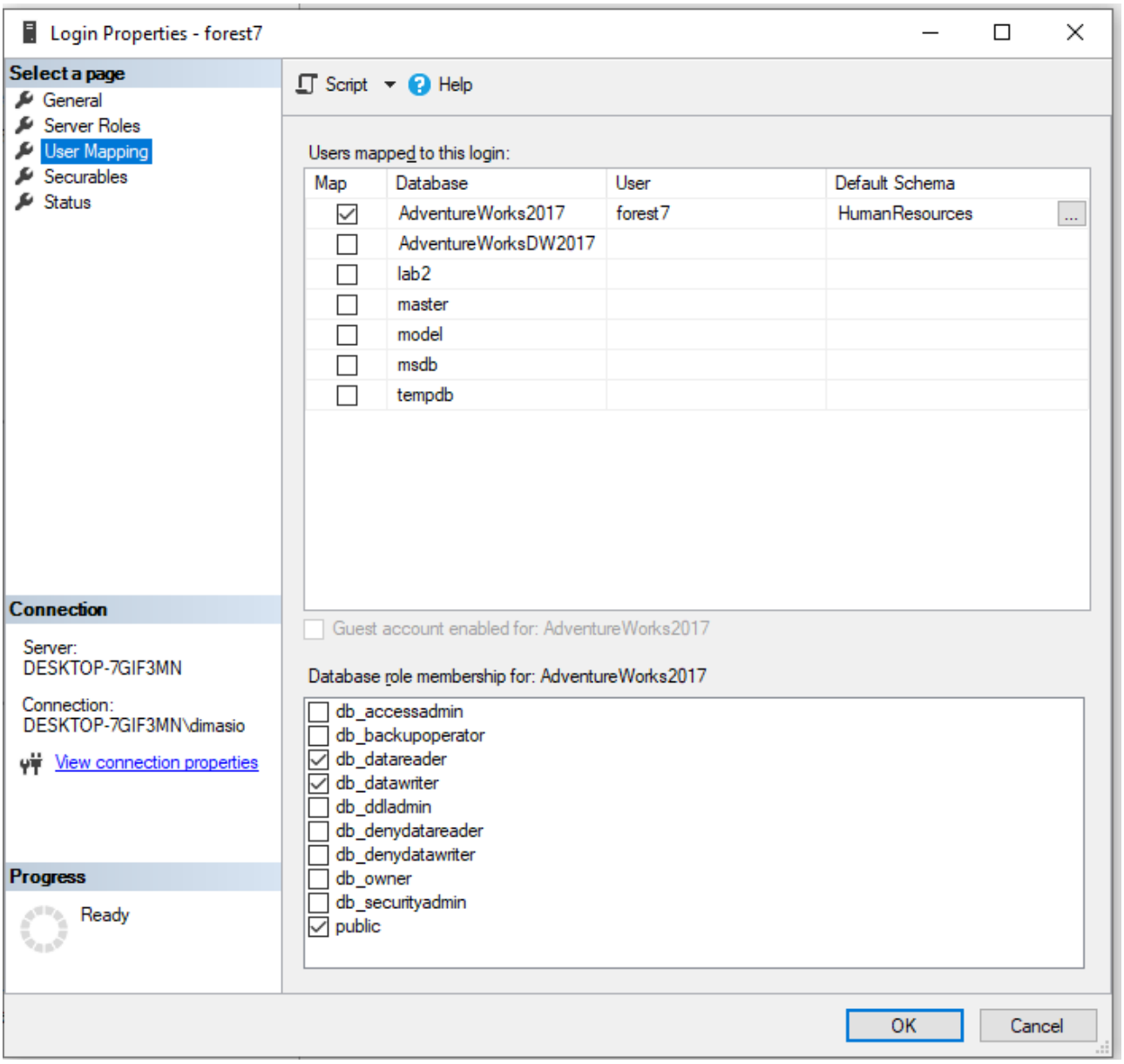
The configuration has been set up and the server is working

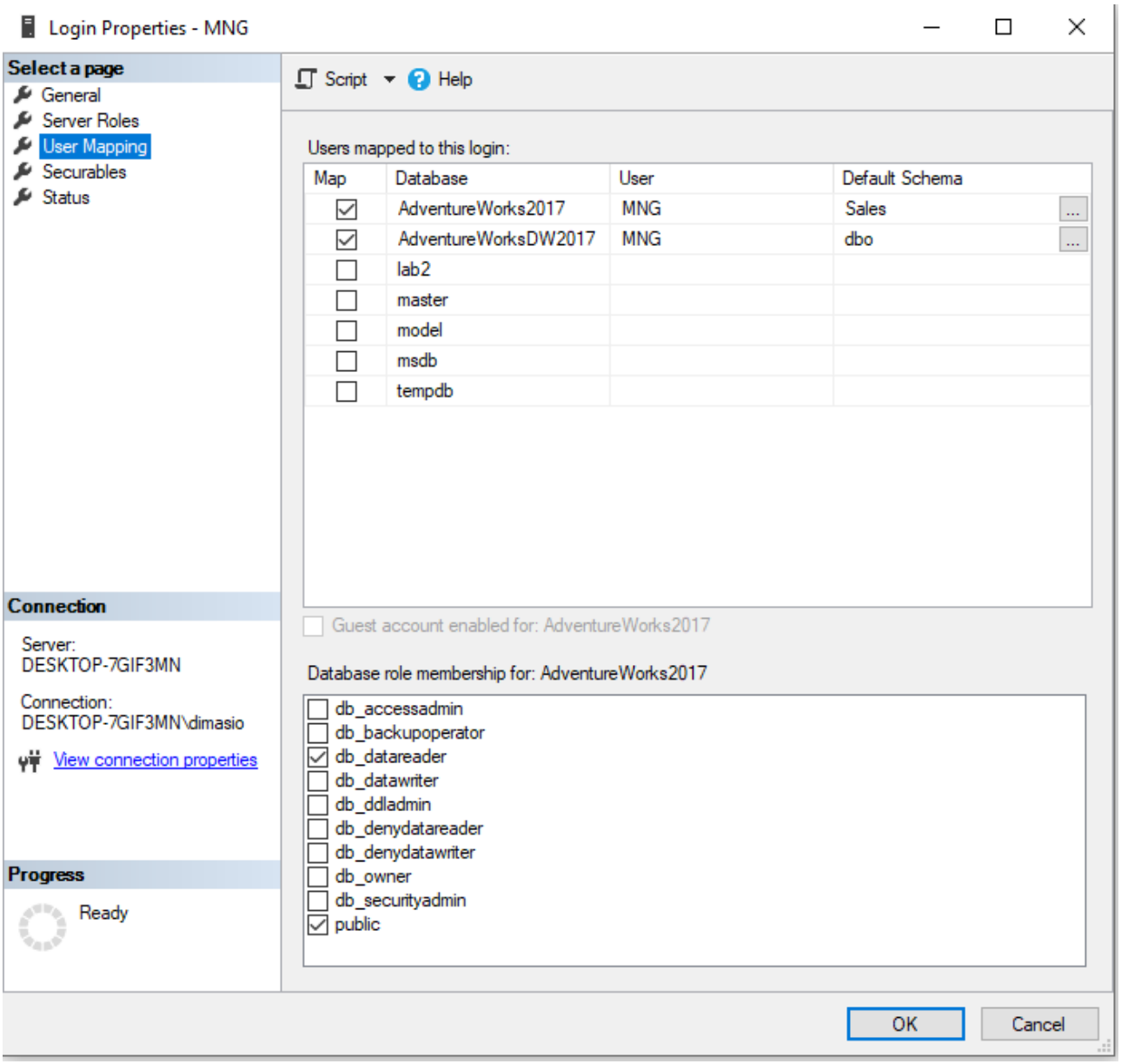


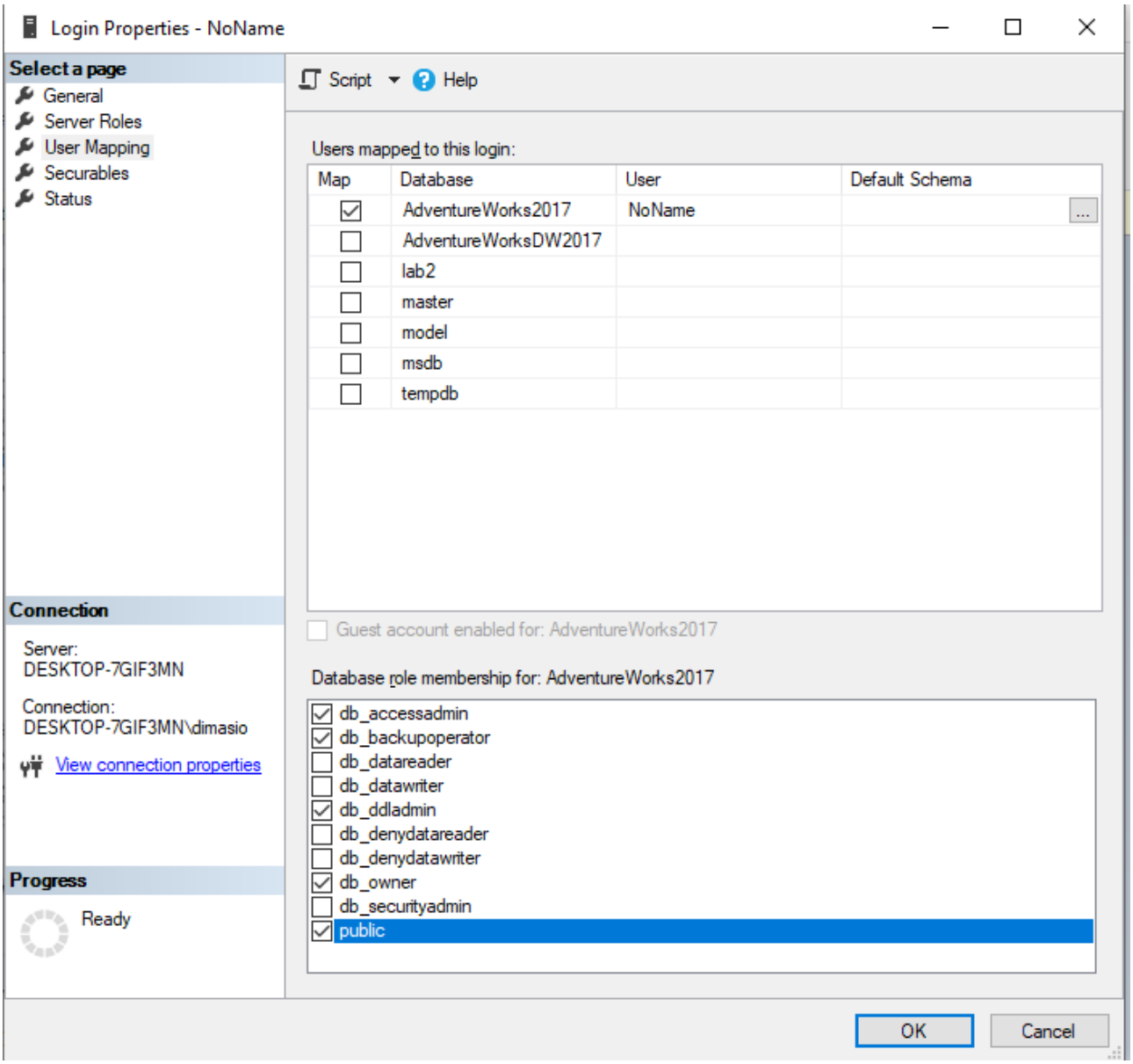
Were added the sample of the data base “AdventureWorks2017” from the github repository. After downloading the .bak file, I copied to the BAK folder linked to SQL Server 2017. Next step was to back up the data base from the MSQL SMS 18 app.

The sample data base “AdventureWorks2017” have been added together with 3 new logins with different properties settings and with SQL Authentication respecting the given instructions




Login Properties - forest7
Select a page
General
Server Roles
User Mapping
Securables
Status
Script
Help
Users mapped to this login:
Map
Database
User
Default Schema
AdventureWorks2017
forest7
HumanResources
AdventureWorksDW2017
lab2
master
model
msdb
tempdb
Guest account enabled for: AdventureWorks2017
Database role membership for: AdventureWorks2017
db_accessadmin
db_backupoperator
db_datareader
db_datawriter
db_ddladmin
db_denydatareader
db_denydatawriter
db_owner
db_securityadmin
public
Connection
Server:
DESKTOP-7GIF3MN
Connection:
DESKTOP-7GIF3MN\dimasio
View connection properties
Progress
Ready
OK
Cancel


Login Properties - MNG
Select a page
General
Server Roles
User Mapping
Securables
Status
Script
Help
Users mapped to this login:
Map
Database
User
Default Schema
AdventureWorks2017
MNG
Sales
AdventureWorksDW2017
MNG
dbo
lab2
master
model
msdb
tempdb
Guest account enabled for: AdventureWorks2017
Database role membership for: AdventureWorks2017
db_accessadmin
db_backupoperator
db_datareader
db_datawriter
db_ddladmin
db_denydatareader
db_denydatawriter
db_owner
db_securityadmin
public
Connection
Server:
DESKTOP-7GIF3MN
Connection:
DESKTOP-7GIF3MN\dimasio
View connection properties
Progress
Ready
OK
Cancel


Login Properties - NoName
Select a page
General
Server Roles
User Mapping
Securables
Status
Script
Help
Users mapped to this login:
Map
Database
User
Default Schema
AdventureWorks2017
NoName
AdventureWorksDW2017
lab2
master
model
msdb
tempdb
Guest account enabled for: AdventureWorks2017
Database role membership for: AdventureWorks2017
db_accessadmin
db_backupoperator
db_datareader
db_datawriter
db_ddladmin
db_denydatareader
db_denydatawriter
db_owner
db_securityadmin
public
Connection
Server:
DESKTOP-7GIF3MN
Connection:
DESKTOP-7GIF3MN\dimasio
View connection properties
Progress
Ready
OK
Cancel

Conclusions:

After performing the laboratory work no. 1, SQL server 2017 was successfully installed and configured, I got acquainted with the basic definitions and the required operations to interact with the application. Moreover, I managed to add a sample database and configure some of its parameters as it was required in the practical work.