Create Virtual Directory -- Problems and Solutions

Windows 8 - IIS 8.5

1 Not all required windows features are installed:
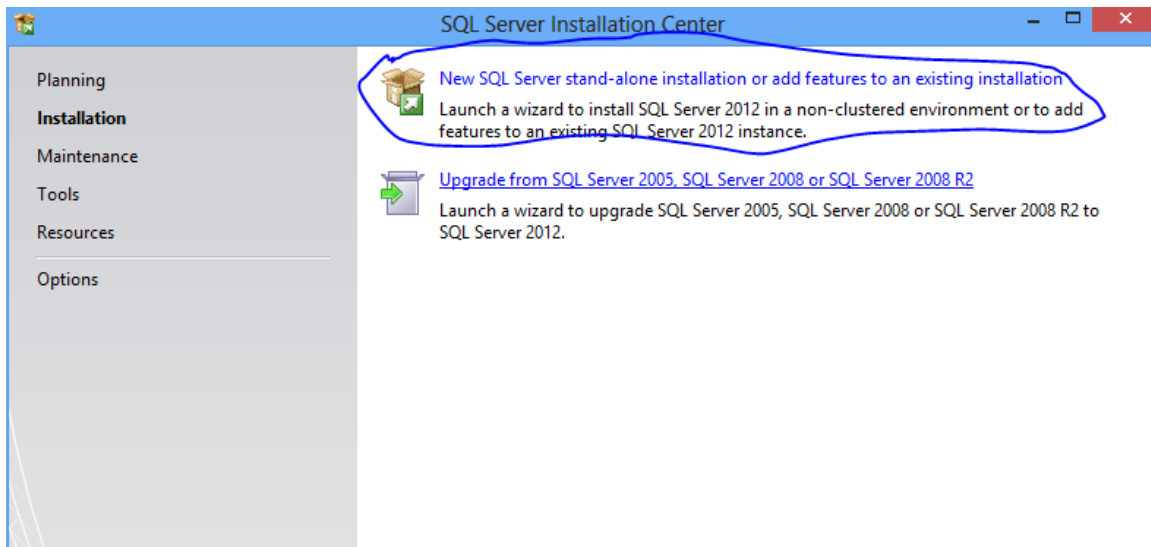
Solution: make sure you have installed all windows features you need and restart your machine.

This is my presentation link:

/handouts/cse686/Presentations/Jinyu-VirtualDirectory-Presentation/

2 Installed SQL Server 2012 incorrectly:

Solution: check important screenshots of installing SQL Server 2012 as follows:

Installation Type

Perform a new installation or add features to an existing instance of SQL Server 2012.

Setup Support Rules

Installation Type

License Terms

Feature Selection

Installation Rules

Instance Configuration

Disk Space Requirements

Server Configuration

Database Engine Configuration

Error Reporting
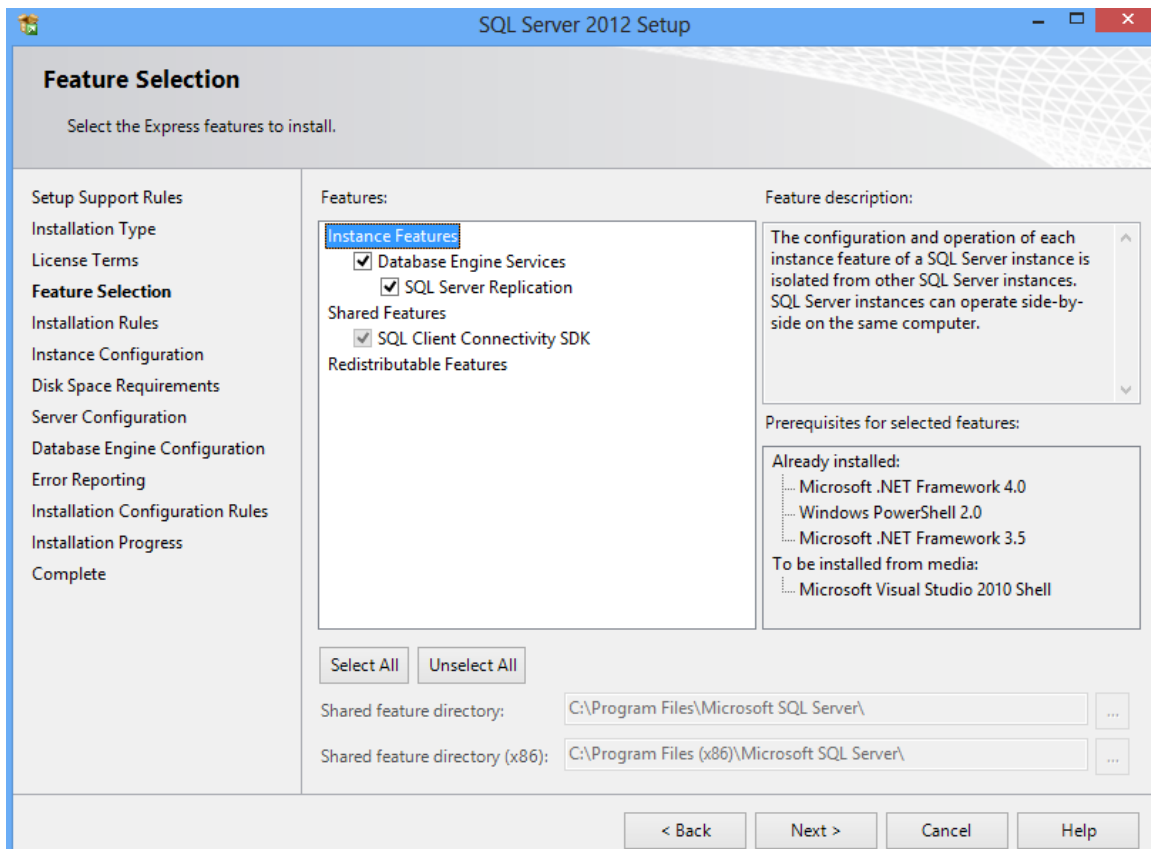
◉ Perform a new installation of SQL Server 2012

Select this option if you want to install a new instance of SQL Server or want to install shared components such as SQL Server Management Studio or Integration Services.
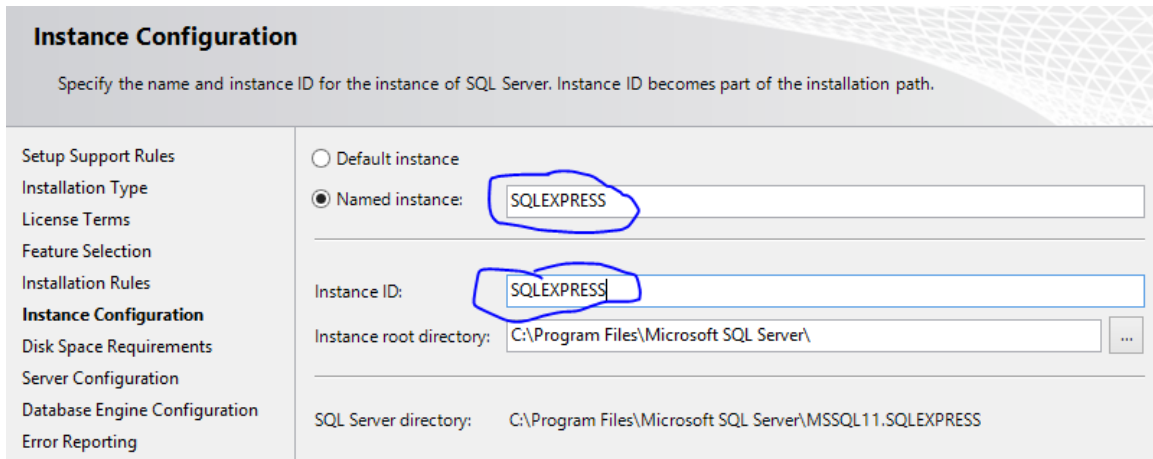
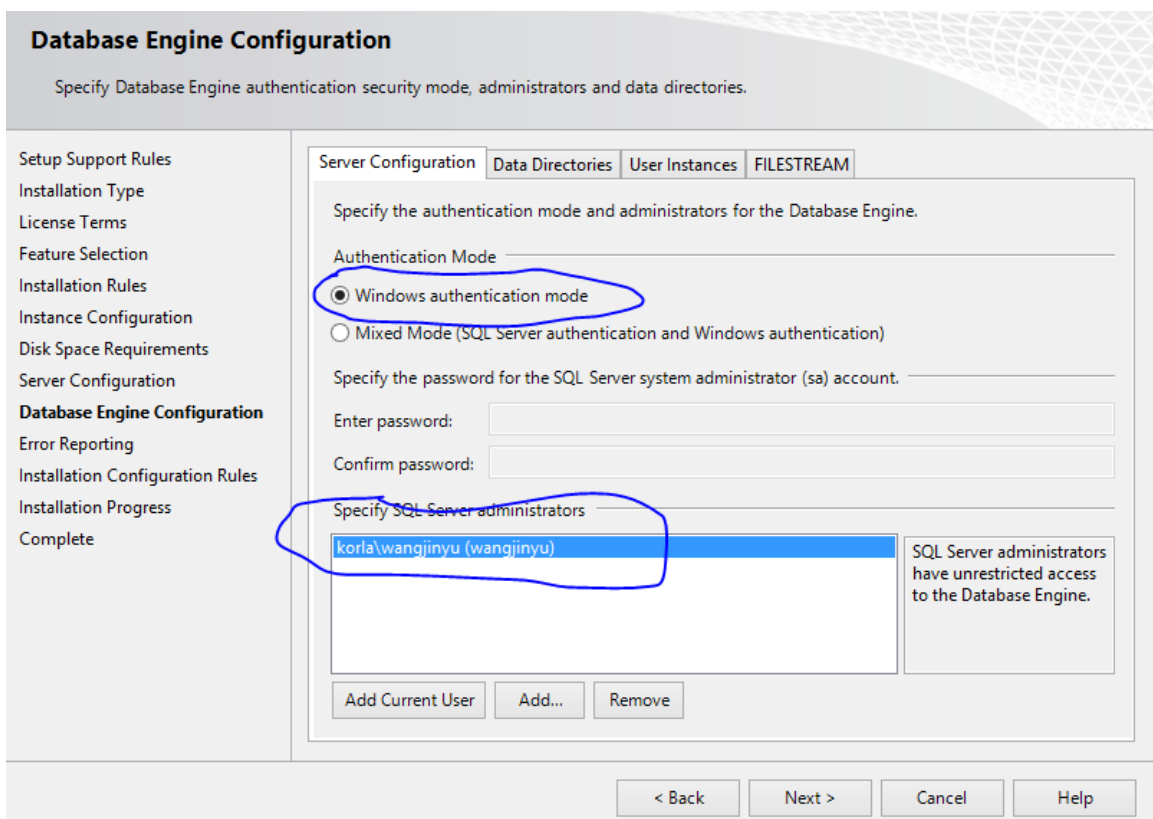○ Add features to an existing instance of SQL Server 2012

MSSQLSERVER

Select this option if you want to add features to an existing instance of SQL Server. For example, you want to add the Analysis Services features to the instance that contains the Database Engine. Features within an instance must be the same edition.

Installed instances:

SQL Server 2012 Setup

Feature Selection

Select the Express features to install.

Setup Support Rules

Installation Type

License Terms

Feature Selection

Installation Rules

Instance Configuration

Disk Space Requirements

Server Configuration

Database Engine Configuration

Error Reporting

Installation Configuration Rules

Installation Progress

Complete

Features:

Instance Features
  ☑ Database Engine Services
    ☑ SQL Server Replication
Shared Features
  ☑ SQL Client Connectivity SDK
Redistributable Features

Feature description:

The configuration and operation of each instance feature of a SQL Server instance is isolated from other SQL Server instances. SQL Server instances can operate side-by-side on the same computer.

Prerequisites for selected features:

Already installed:
  ..... Microsoft .NET Framework 4.0
  ..... Windows PowerShell 2.0
  ..... Microsoft .NET Framework 3.5
To be installed from media:
  ..... Microsoft Visual Studio 2010 Shell

Select All   Unselect All

Shared feature directory: C:\Program Files\Microsoft SQL Server\   ...

Shared feature directory (x86): C:\Program Files (x86)\Microsoft SQL Server\   ...

< Back   Next >   Cancel   Help

note: you may see your own computer name rather than "..wangjinyu" here:

3 Other Errors:

3.1 User Authentication Error:

"Login failed for user 'IIS APPPOOL\DefaultAppPool'"

Solution: IIS → Computer Name → Application Pools → DefaultAppPool

On the right side, click "Advanced Setting"

Then set Process Model → Identity as NetworkService

Finally IIS → your site name → (right click) →Manage Application →

Browser. (You should be able to connect with your database this time)

After that, you can change Identity back if you want while your site will not

show login failed error again.

3.2 Connection String Error

Please make sure you have right connection string in IIS → your site →
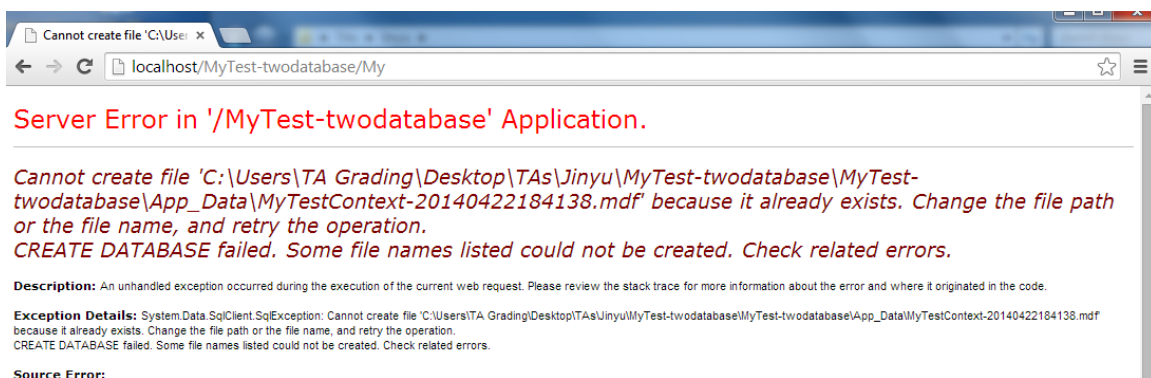
Connection Strings

3.3 Asp.Net 4.5 Error

"ASP.NET 4.5 has not been registered on the Web server. You need to manually configure your Web server for ASP.NET 4.5 in order for your site to run correctly."

Sollution: Run "aspnet_regiis –i" in VS develop tool as follows:

3.4 Database already exists error:

Solution: Project folder → App_Data, then delete or rename your database, and then run you website again, new database will be created.

4 Notes

I have also tested my presentation steps in Windows 7 machine with SQL Express 2012 installed, which also works well.

Multiple databases will also work fine followed my previous presentation.

If you are using Windows 7 machine, and after trying all above solutions, you still cannot solve your problem, you can try to see the instructions

specifically for windows7 machine problems and solutions presentation written by previous TA as follows:

/handouts/cse686/Presentations/VirtualDirectorySetUpProbsAndSolutions.doc
/handouts/cse686/Presentations/CreateVirtualDirectoryForMvcApplication.docx