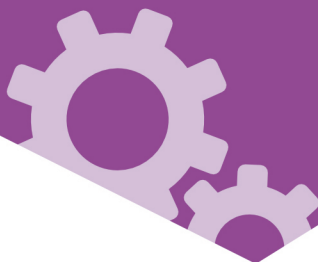


# IBMP Installation manual

دليل التثبيت لمنظومة بنوك الأسئلة



## IBMP

Item Bank Management  
Platform

Enterprise Edition

2017

# **IBMP**

# **Installation Manual**

**Enterprise Edition**

**Brought to you by AGI**

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## Introduction

This manual is designed by the Advanced Group for Information Technology (AGI) for the admins of the Item Banking Management Platform (IBMP) ©. The manual contains all information for users required to install the IBMP. However, AGI offers a free of charge installation-and-usage training after purchasing any Professional or Enterprise Edition.

We tried to design this manual to be easily used by users. For ease of use, the chapters of these manual is aligned with the steps of standard workflow in item banking.

To know more about AGI and IBMP ©, please continue reading the following sections in the introduction, otherwise, you can go start with installation guide.

For more information, please email: [contact@agiteq.com](mailto:contact@agiteq.com).

### 1.1 About AGI

Advanced Group of Information Technology (AGI) is a global information technology & educational services company. AGI delivers powerful techniques and advanced technologies in IT services in many fields and areas. In the field of educational assessment, AGI has many contributions such as *Item-Banking Online Platform*, *Online Testing Gate*, *STATEQ*, *IAMP*, etc. One of the major advantages of AGI systems are that they are built based on add-ons modules integrate in a sense to form one huge electronic platform for educational assessments. AGI also supports *building capacity* as one of the most effective strategies to maximize productivity, manage change and build self-confidence towards organizations' success. AGI offers extensive *training services for organizations and institutes*. Moreover, AGI offers *consultation* that demands skilled resources and a proven best-practice methodology to optimize costs, reduce risks, and achieve a faster return on investment. AGI offers the outsourcing service for companies to ensure that their internal resources are freed up for more mission-critical activities and AGI experience is translated into greater operational efficiencies within companies' processes and products.

### 1.2 About IBMP

IBMP is a comprehensive easy-to-use item banking software that supports item banking, item authoring, reviewing and test assembly via collaborative client/server application. It should be designed to be used by test developers on either organizational or national setting to facilitate item banking main processes. However, it designed with a package of features created specifically to make item development and test development easier, faster and more

cost effective.

The platform is flexible, efficient and reliable that enables management of the following processes: assessment framework creation, test blueprint design, item storage, item creation, editing, change tracking, smart item search and remote item writing as well. It also provides automation of test forms assembly in terms of the stored test blueprint or specified criteria.

The platform uses recent software development technologies and it supports the most recent measurement theories, such as Item Response Theory (IRT), that enriches the processes of item selection and test assembly with the highest validity, precision, and reliability.

The platform is a module-based platform that is fully integrated and supports single login authentication for all modules. It also supports online testing delivery (e-testing management).



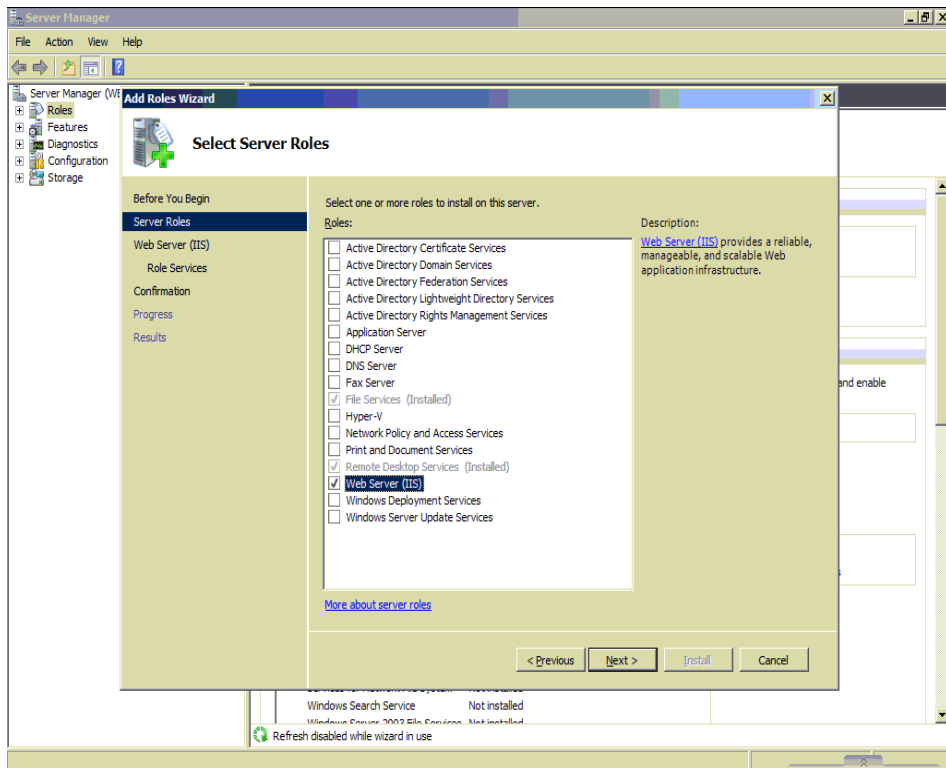
# IBMP Installation

## 2.1 Application Installation

1. Go to **E:\**, create a folder named **IIB**.
2. Copy entire CD into the created folder.
3. Install **Internet Information Services**

Go to **Start → Control Panel → Programs and Features → Turn windows feature on or off → Roles → Add Role**.

Select **Web Server (IIS)** then press **Next** button and install with default configuration.

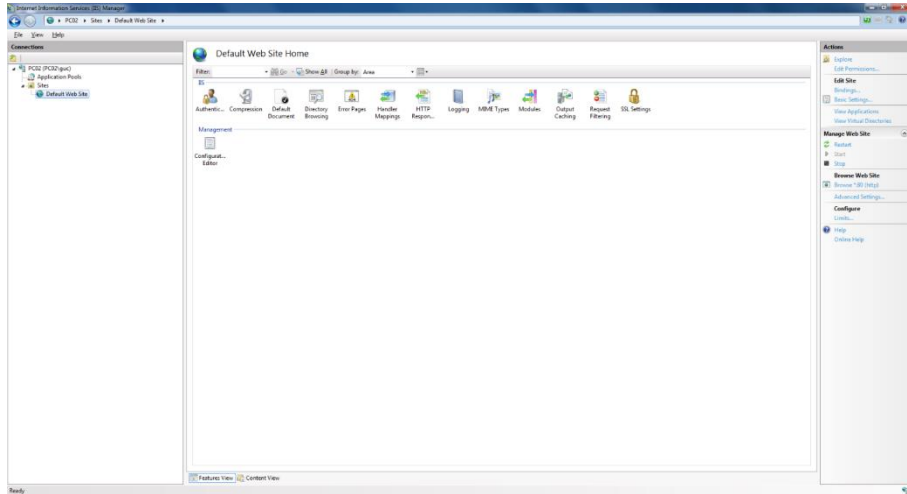




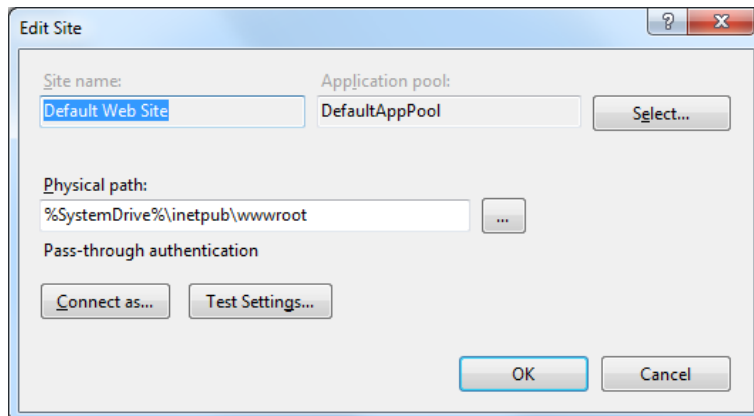
- Go to **Start → Control Panel → Administrative Tools → Internet Information Services (IIS) Manager**.

Expand to **Default Web Site**.

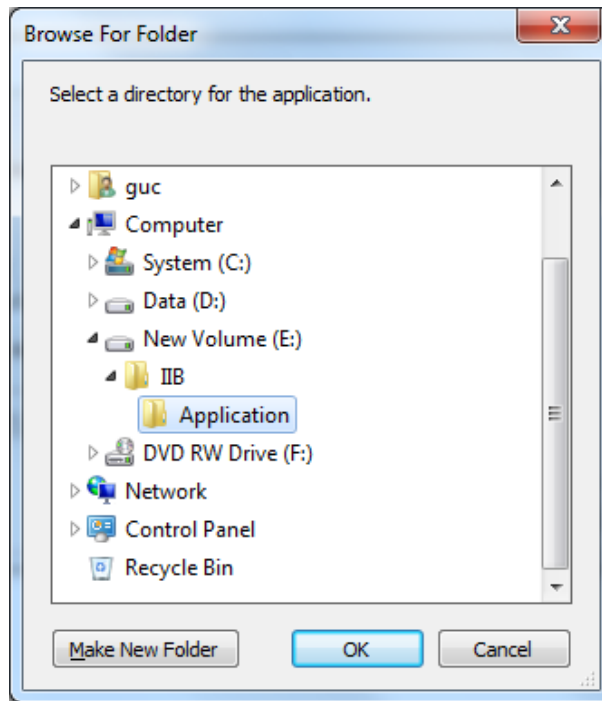
In the right menu choose **Basic Settings**.



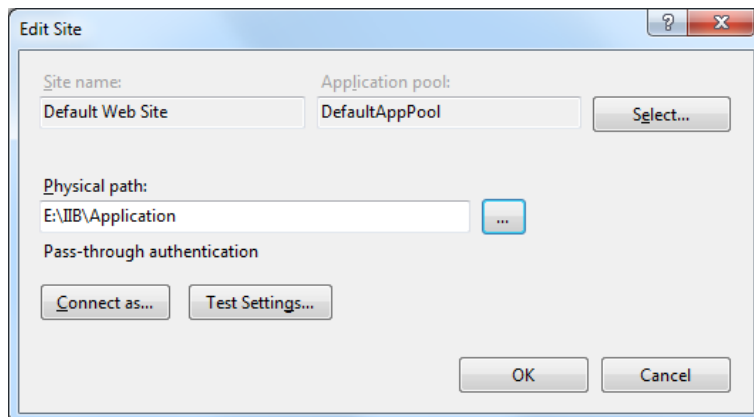
- Press the browse button (...).



- Browse for the application folder **E:\IIB\Application** then press **OK** button.

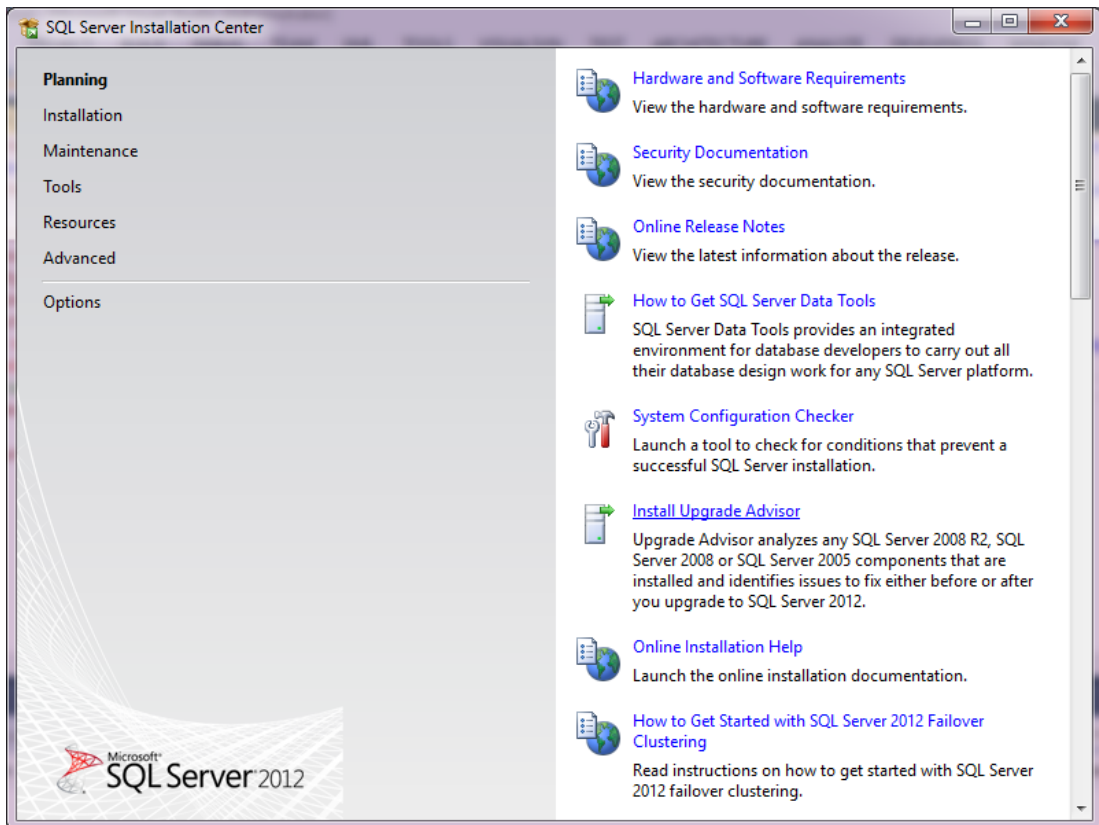


- Press **OK** button.

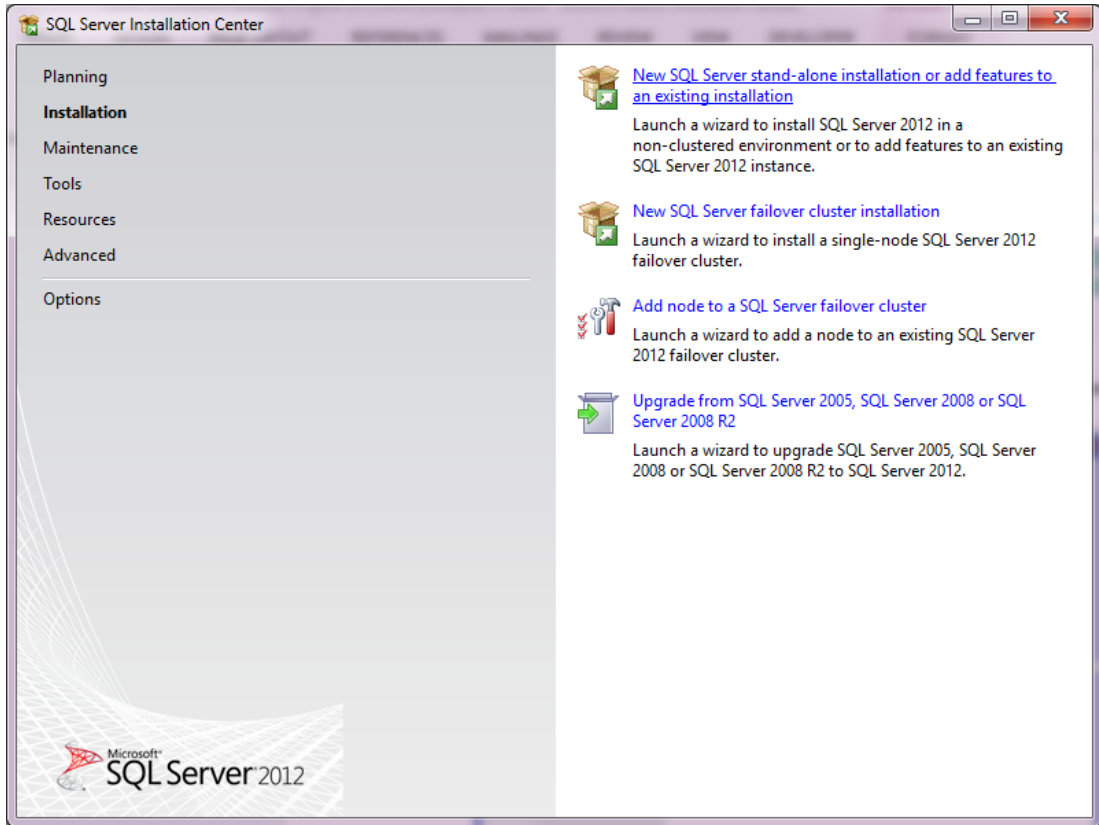


## 2.2 SQL Server Installation

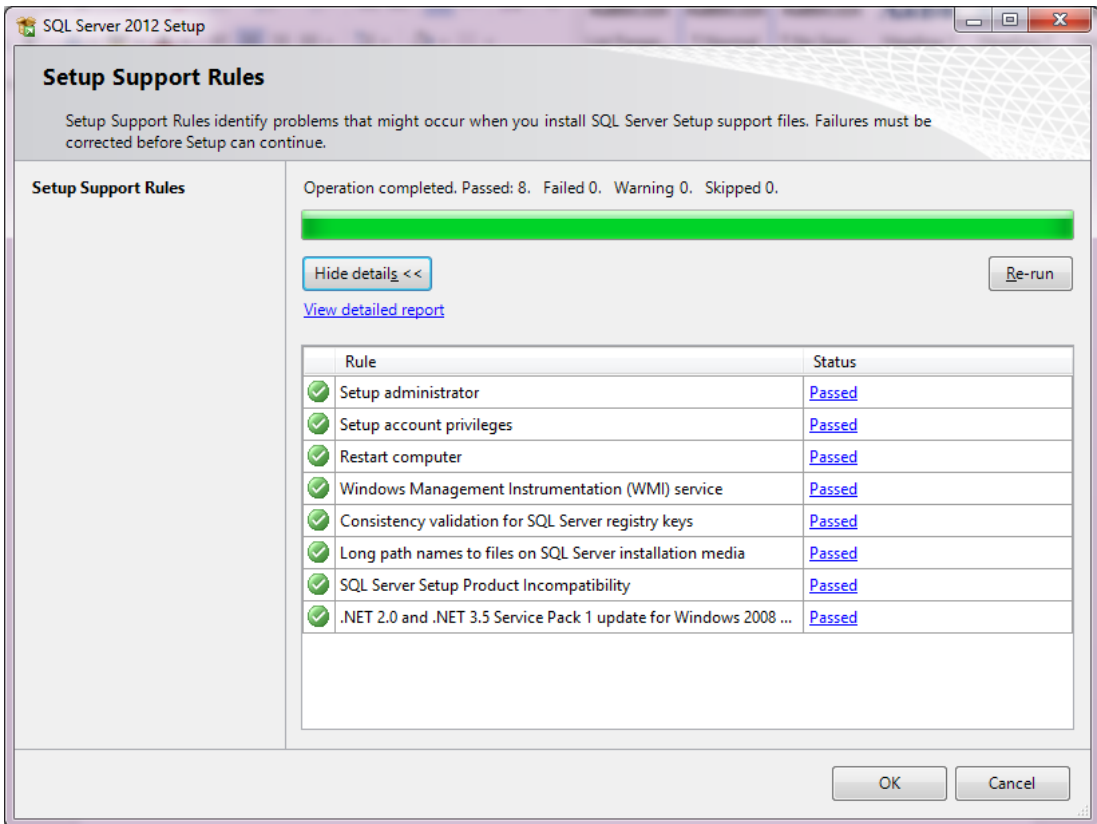
1. Run SQL Server setup, from the following screen choose **Installation**



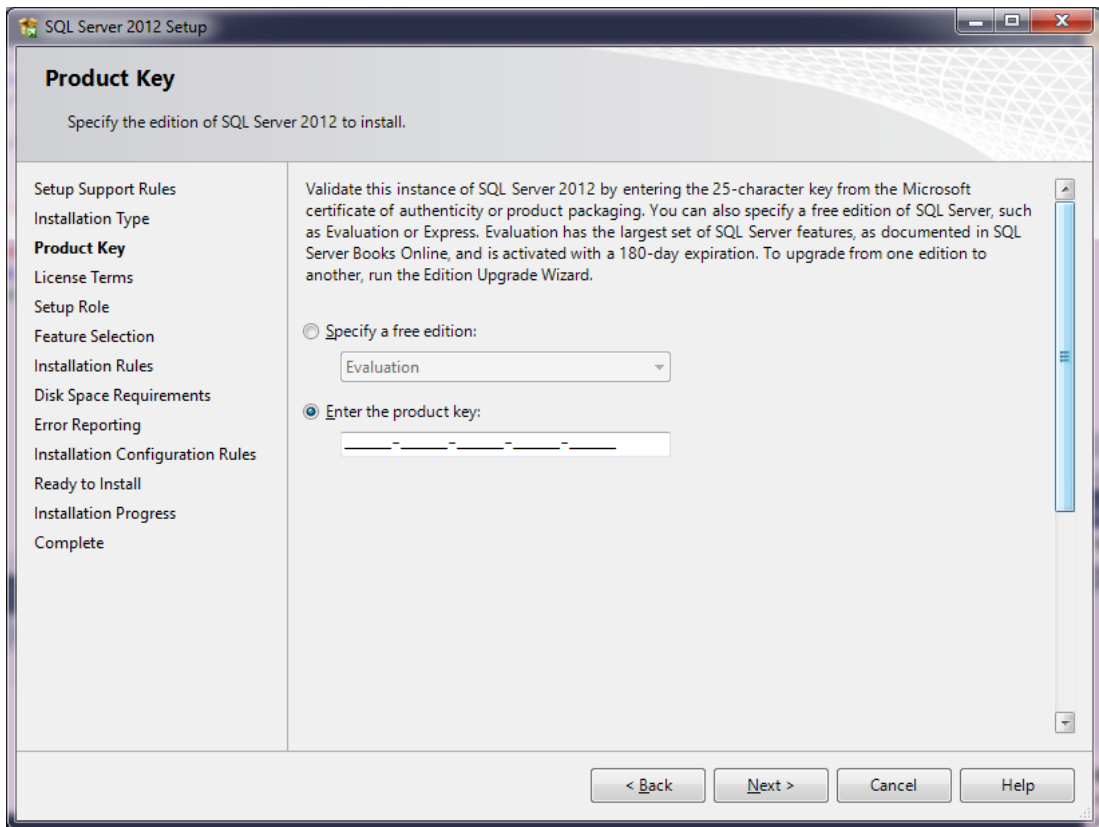
- From the following screen, choose **New SQL Server stand-alone installation or add features to an existing installation.**



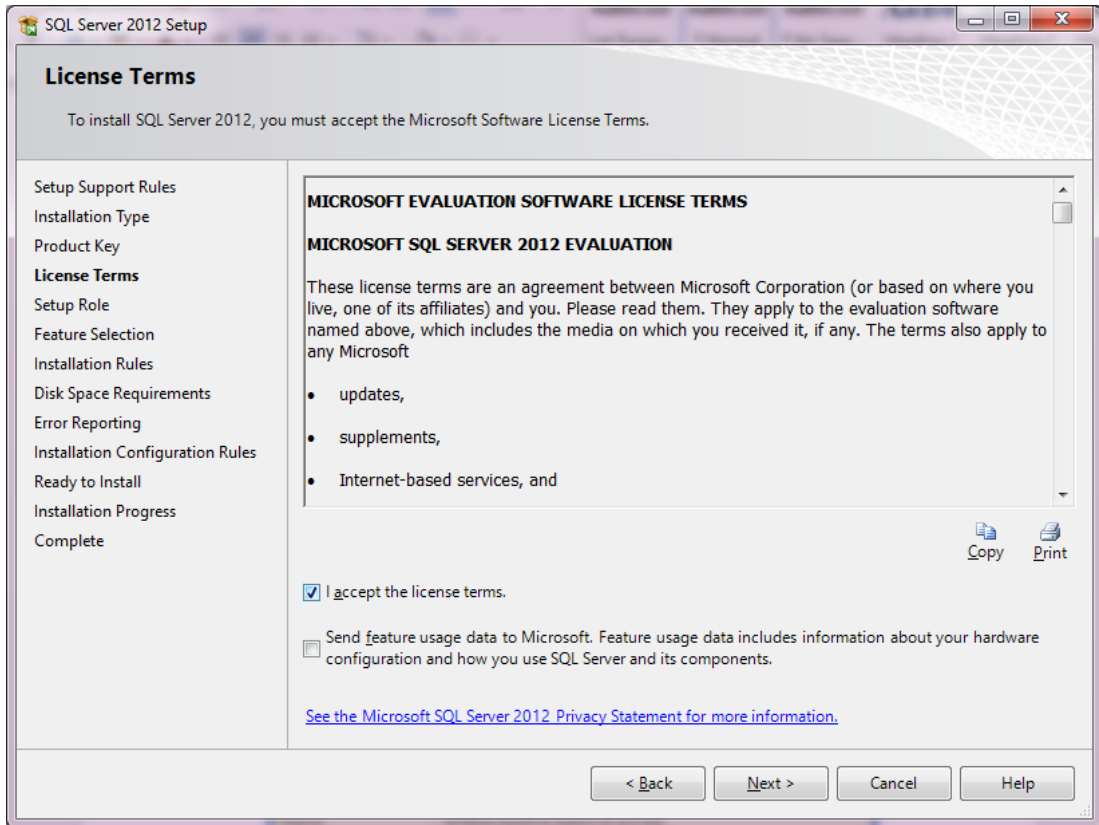
3. Check that testing passed then press **Ok** button.



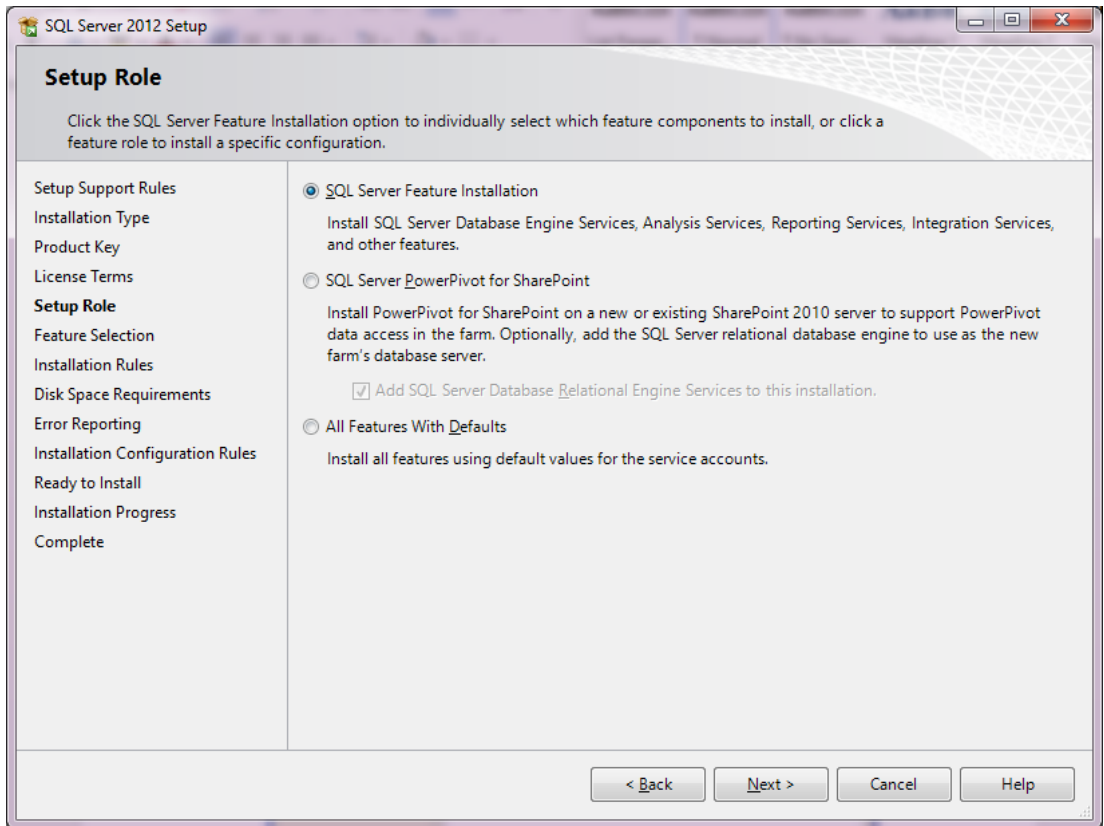
4. Enter the key of the SQL server then press **Next** button.



5. Accept the license terms then press **Next** button.

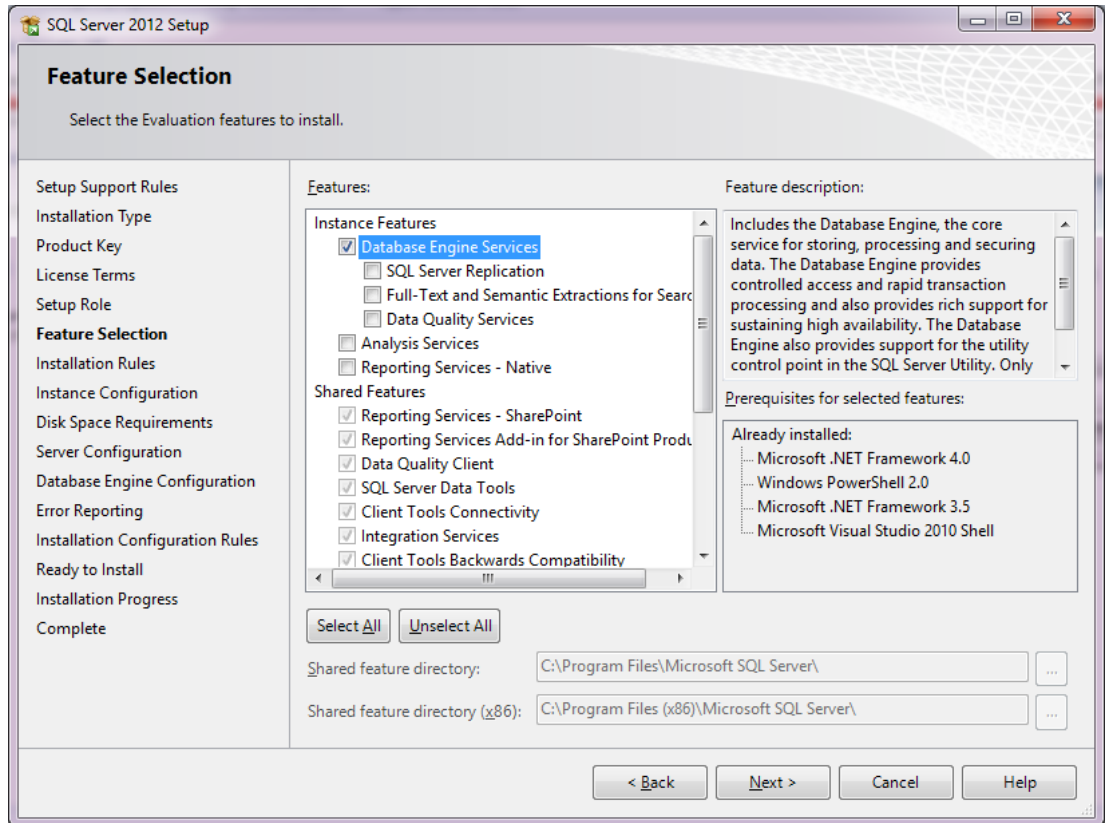


6. Select Setup Role then press **Next** button.

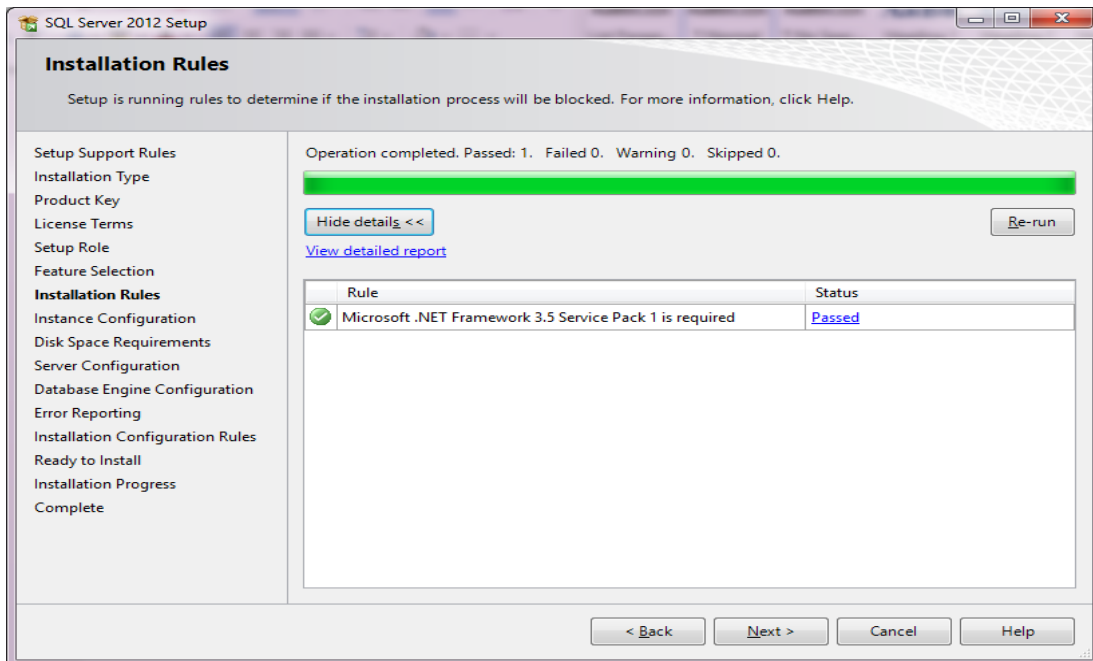


7. Select features to be installed then press **Next** button. Make sure that **Database Engine Services** selected.

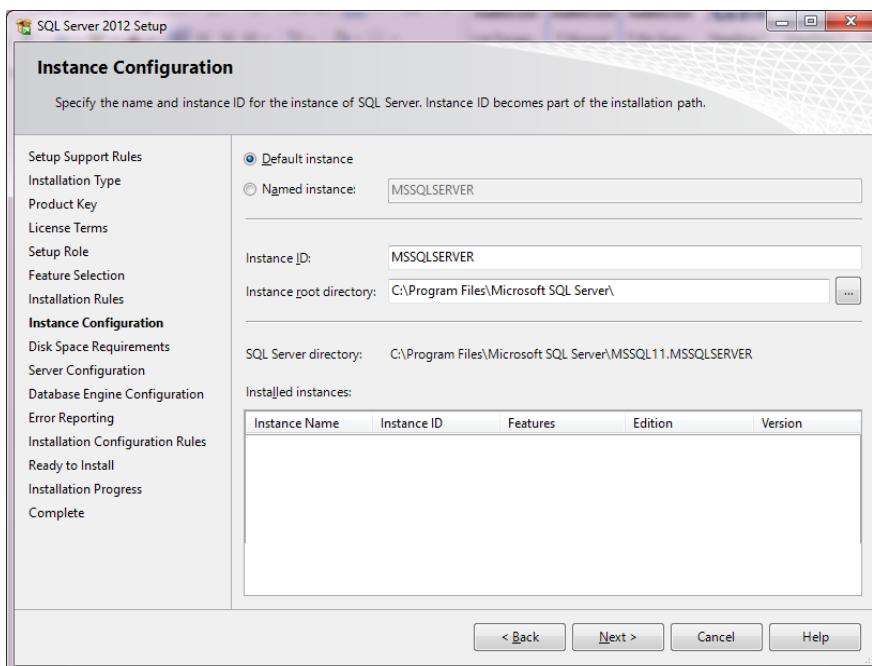




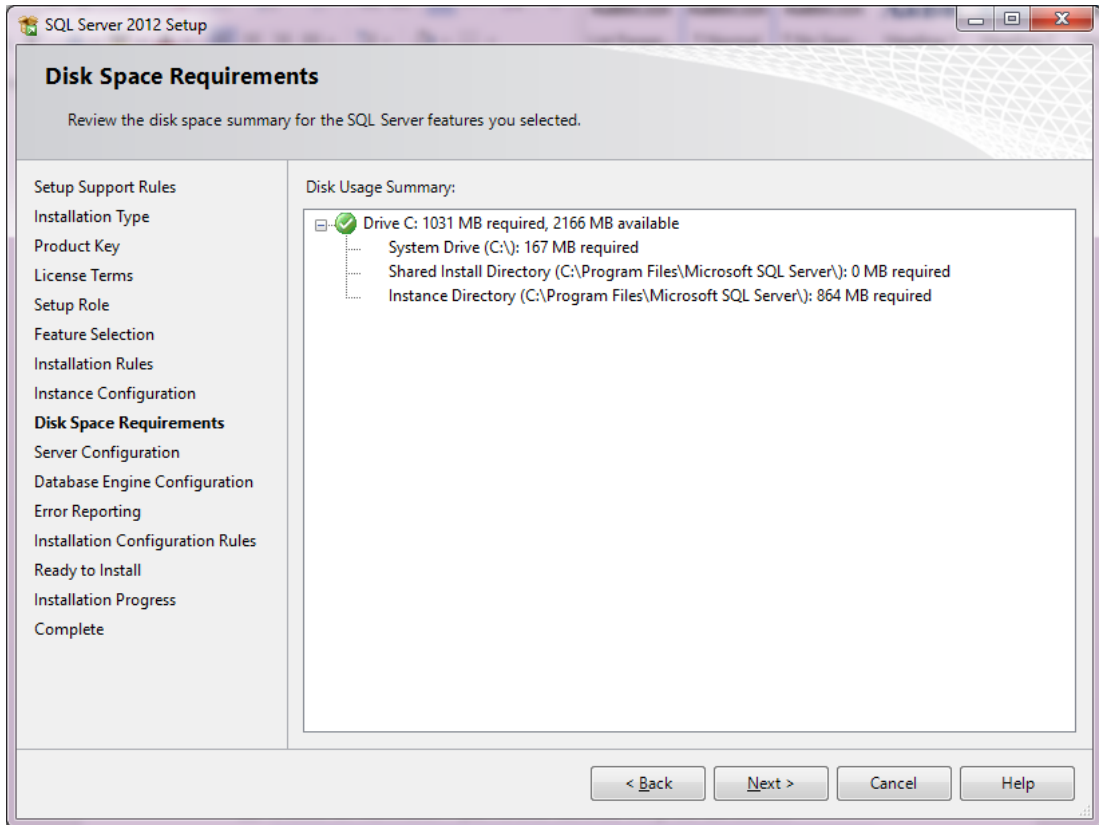
8. Check that installation rules passed and then press **Next** button.



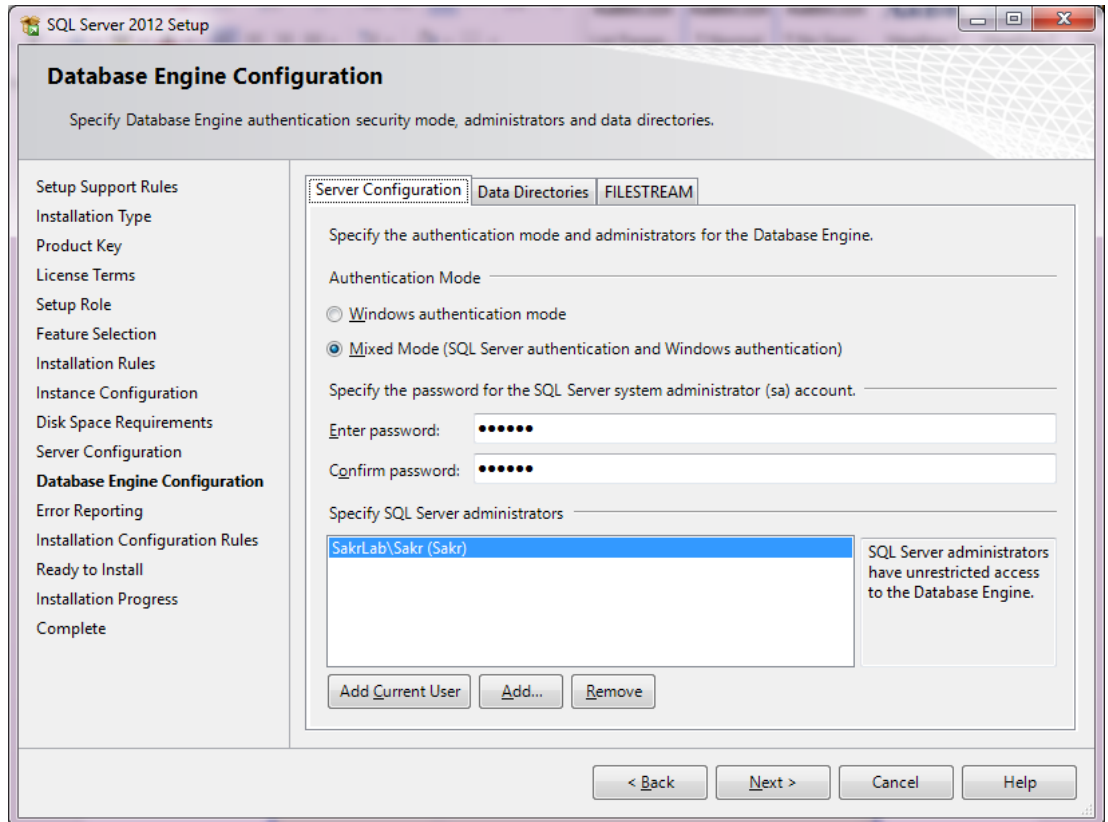
9. Choose **Default instance** then press **Next** button. You may change the installation path.



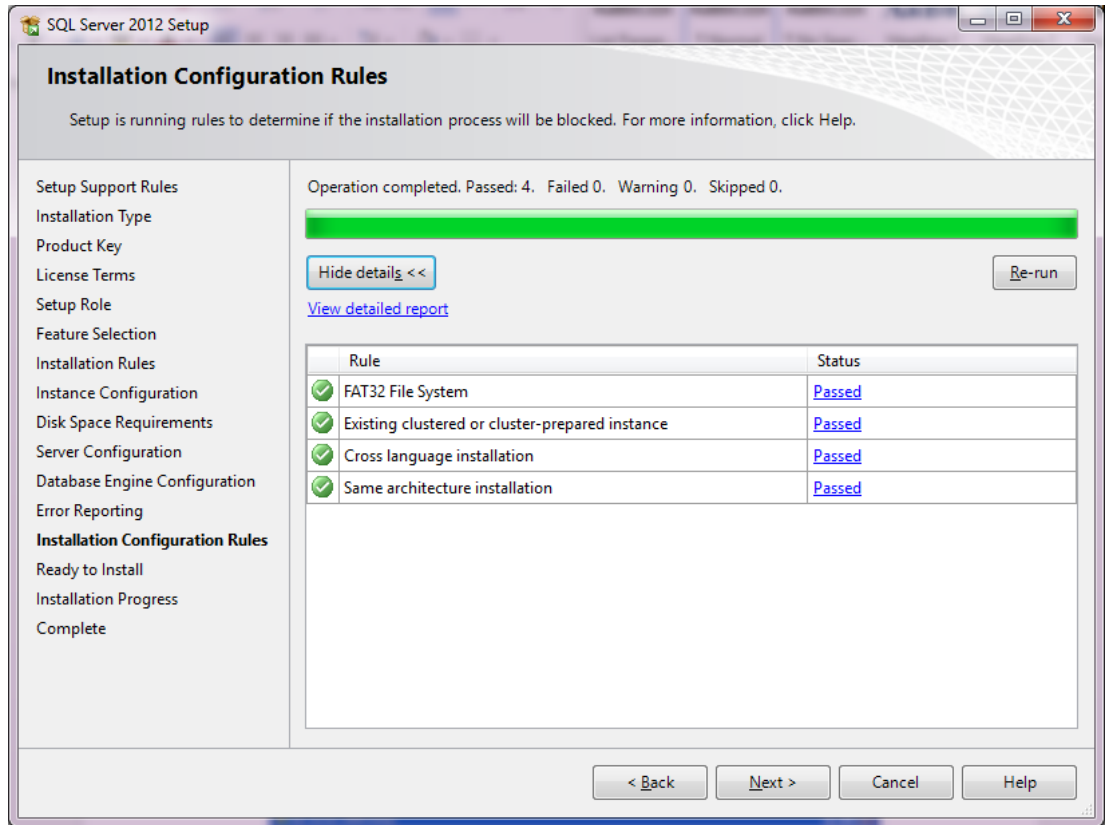
10. Confirm required disk space then press **Next**.



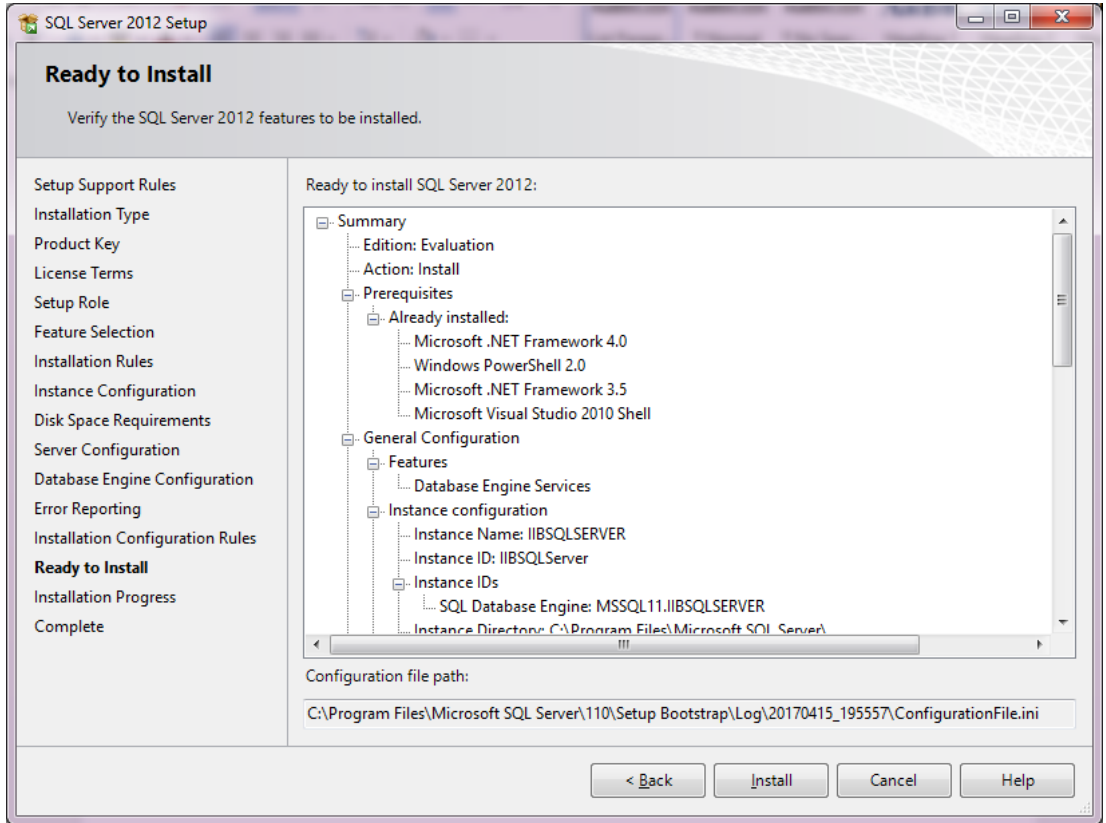
11. Choose **Mixed Mode (SQL Server authentication and Windows authentication)** and type in the password and password confirmation.
12. Choose **Windows authentication mode** and provide password and confirmation. Press **Add Current User** button then press **Next**.



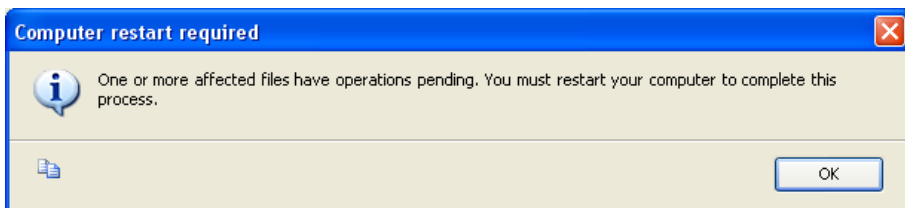
13. Confirm Installation Configuration Rules passed and then press **Next**.



14. Review Summary and then press **Install**.



15. If you encountered the following message, then you should restart the computer after installation completion.

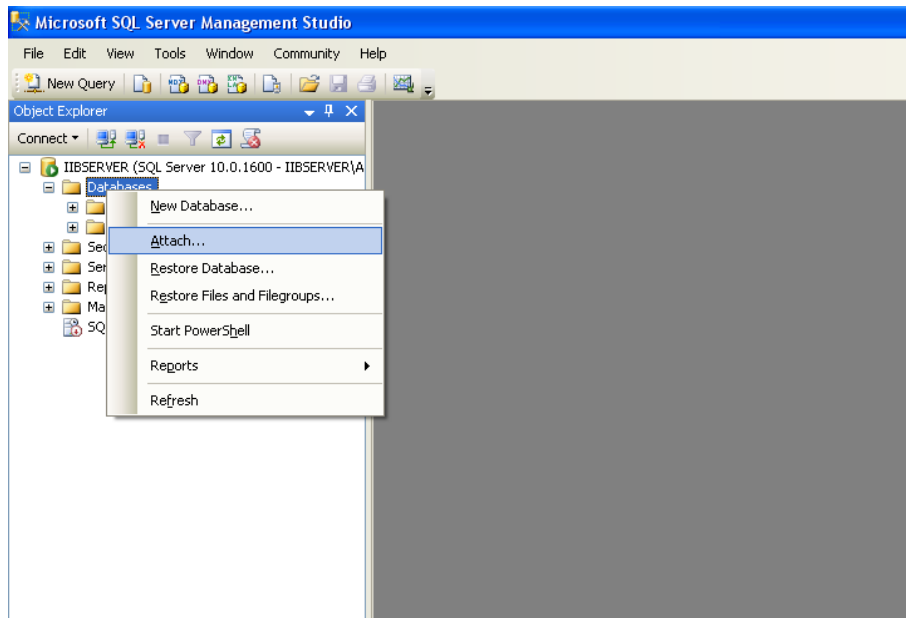


## 2.3 Database Installation

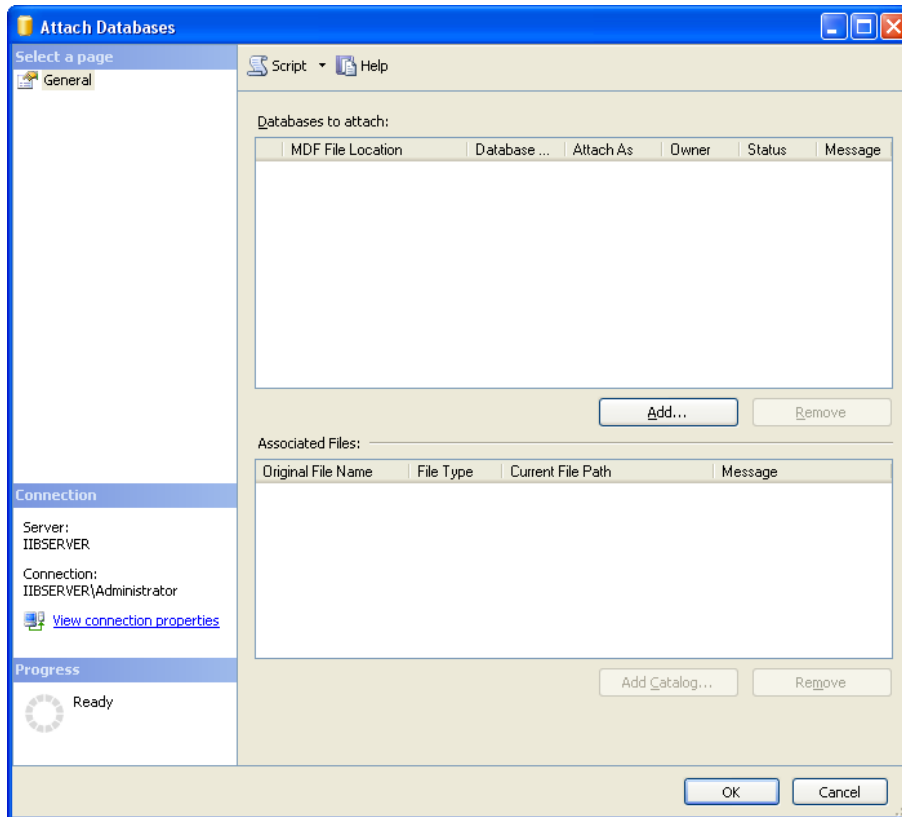
1. Open **Start** → **Programs** → **SQL Server Management Studio** → **Microsoft SQL Server 2008** as administrator. Press **Connect** button.



2. Expand the **Server** node, right click the **Databases** folder then choose **Attach**.

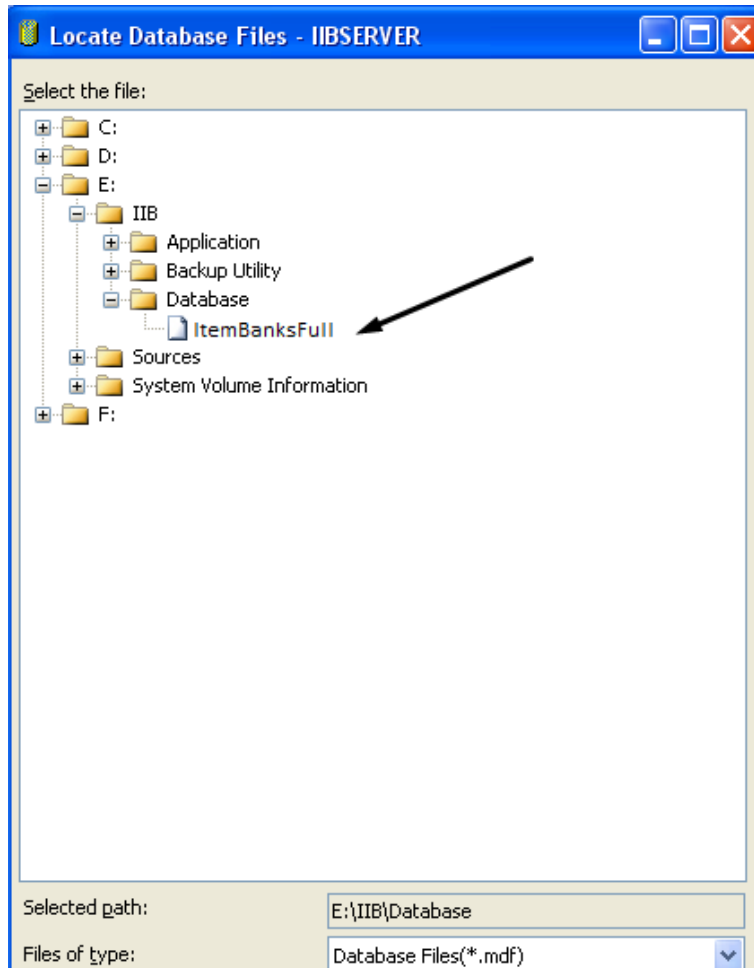


3. Press **Add** button.

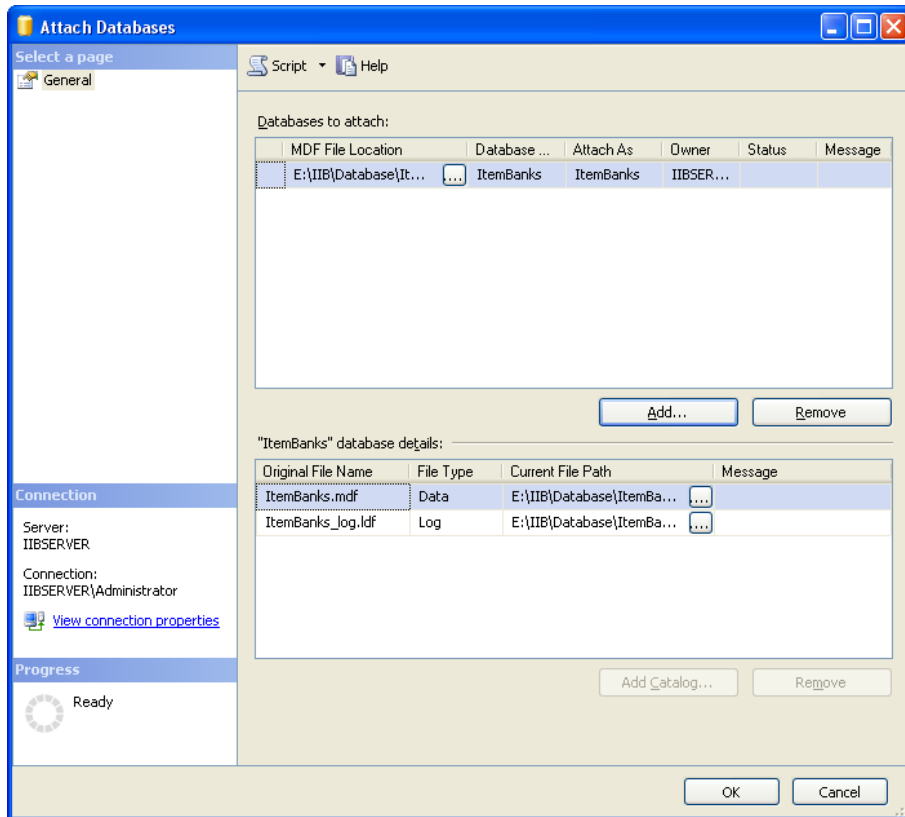




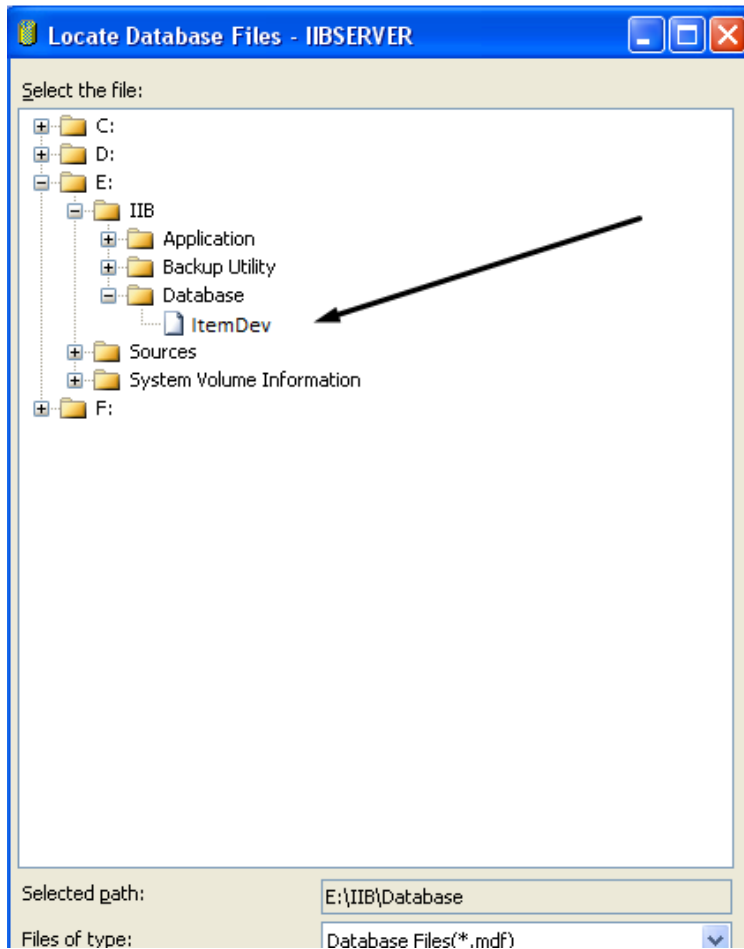
4. Browse for the database file then press **Ok** button.



5. Confirm the information then press **OK** button.

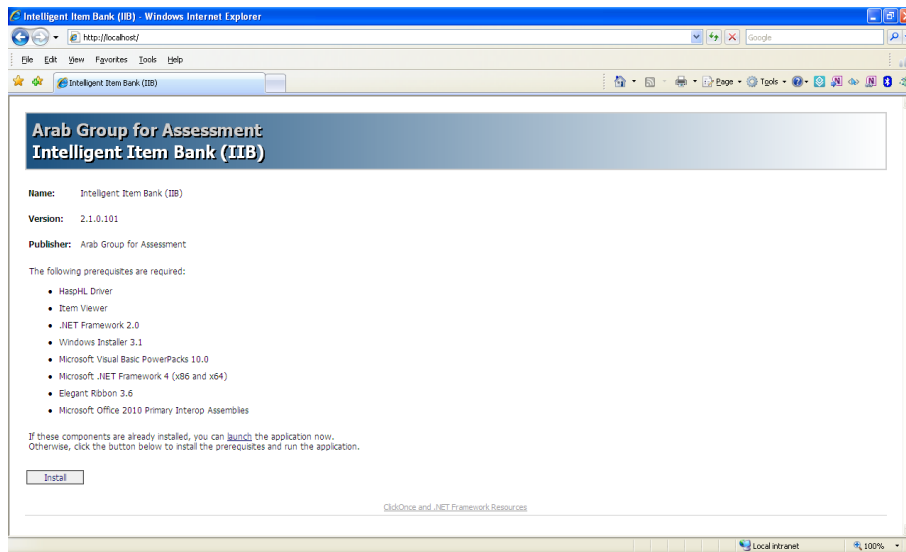


6. In the same way add the second database as in the following fig.



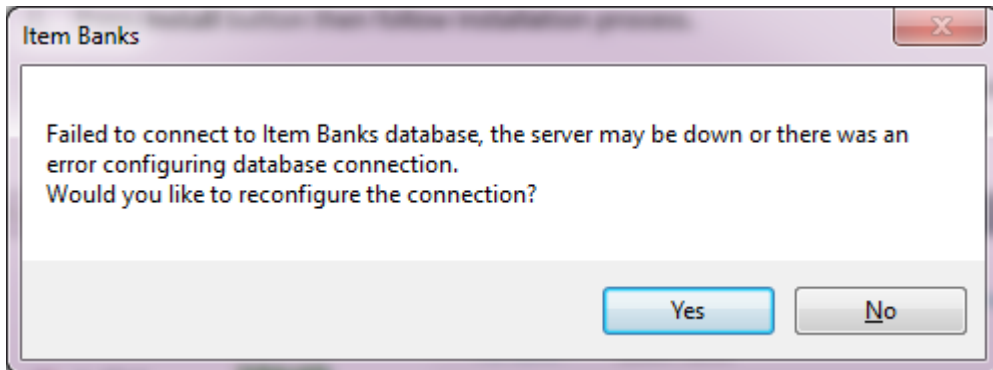
## 2.4 Application Installation on Client Machines

1. Using **Internet Explorer**, navigate to <http://iibserver/>.

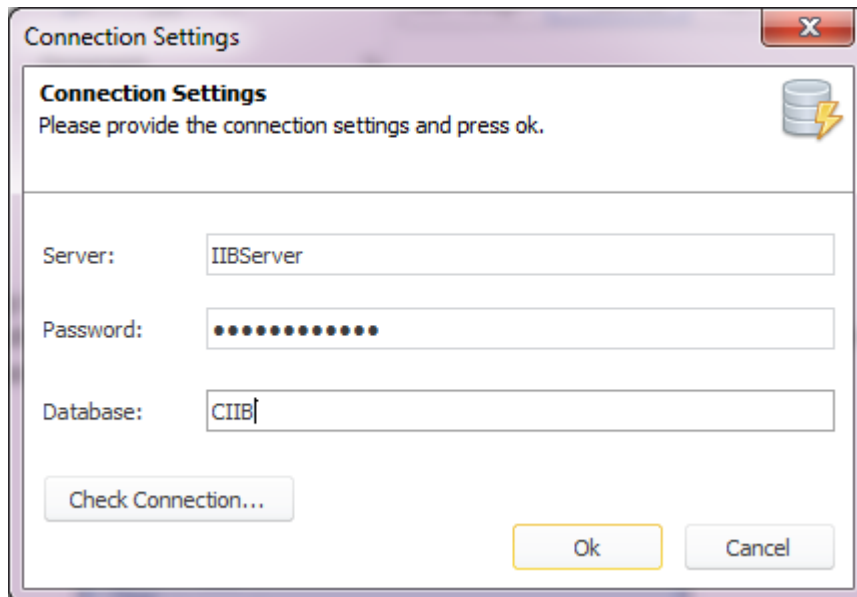


2. Press **Install** button then follow installation process.
  3. After the installation the login screen will be shown, type user name **admin** and password **admin**, select to login as **System Administrator**, then press **OK** button. See ***Error! Reference source not found.*** for details.
-

- As the database is not configured, the following dialog will appear, press **Yes** button.



- Specify the database configuration then press **Test Connection** to check the connection, if succeeded press **Save & Close** to save configuration and return to login screen.





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