

# Step by Step: Installing Dynamics CRM 2013

## Microsoft dynamics CRM Server 2013 Hardware Requirements

The following table lists the minimum and recommended hardware requirements for Microsoft Dynamics CRM Server 2013 running in a Full Server configuration. These requirements assume that additional components such as Microsoft SQL Server, Microsoft SQL Server Reporting Services, SharePoint, or Microsoft Exchange Server aren't installed or running on the system.

Component	*Minimum	Recommended
Processor	x64 architecture or compatible dual-core 1.5 GHz processor	Quad-core x64 architecture 2 GHz CPU or higher such as AMD Opteron or Intel Xeon systems
Memory	2-GB RAM	8-GB RAM or more
Hard disk	10 GB of available hard disk space Note Computers with more than 16GB of RAM will require more disk space for paging, hibernation, and dump files.	40 GB or more of available hard disk space Note Computers with more than 16GB of RAM will require more disk space for paging, hibernation, and dump files.

## Microsoft Dynamics CRM Server 2013 software requirements

### Windows Server operating system

Microsoft Dynamics CRM Server 2013 can be installed only on Windows Server 2008 or Windows Server 2012 64-bit-based computers.

## **Supported Windows Server 2012 editions**

The following editions of the Windows Server 2012 operating system are supported for installing and running Microsoft Dynamics CRM Server 2013:

- Windows Server 2012 Datacenter
- Windows Server 2012 Standard

## **Supported Windows Server 2008 editions**

The following editions of the Windows Server 2008 operating system are supported for installing and running Microsoft Dynamics CRM Server 2013:

Windows Server 2008 Standard SP2 (x64 versions) or Windows Server 2008 Standard R2 SP1

Windows Server 2008 Enterprise SP2 (x64 versions) or Windows Server 2008 Enterprise R2 SP1

Windows Server 2008 Datacenter SP2 (x64 versions) or Windows Server 2008 Datacenter R2 SP1

Windows Web Server 2008 SP2 (x64 versions) or Windows Web Server 2008 R2 SP1

## **Role Installation**

- In Windows Server click on server manager and select configure roles.
- Click on Add Roles and Features wizard click next.
- Select Server Roles Next click on Active Directory Domain Roles and DNS Server.
- Add all the Features Mark all the Check Boxes and Click **Next**.

After Installation Completes

### **Step 1:**

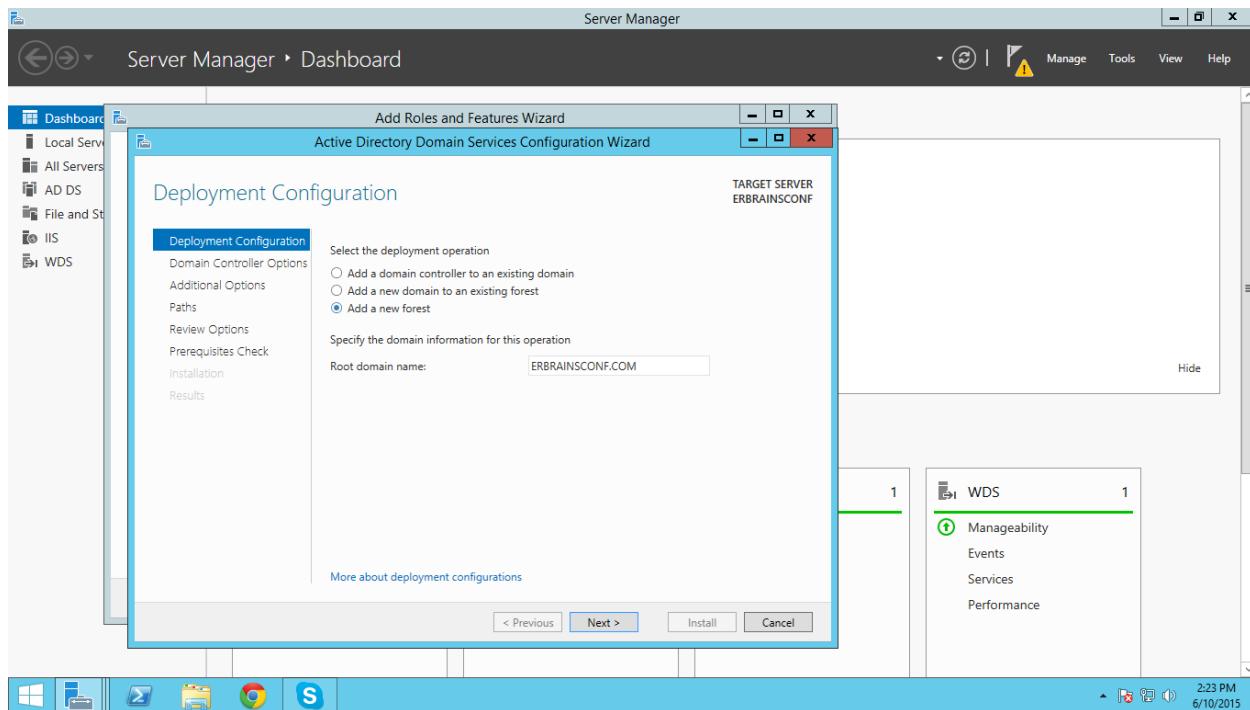
Click on Deployment Configuration select all the check boxes Reset Domain Name Click **Next**.

### **Step 2:**

Click on Promote this server to a domain controller Enter the password Click **Next**.

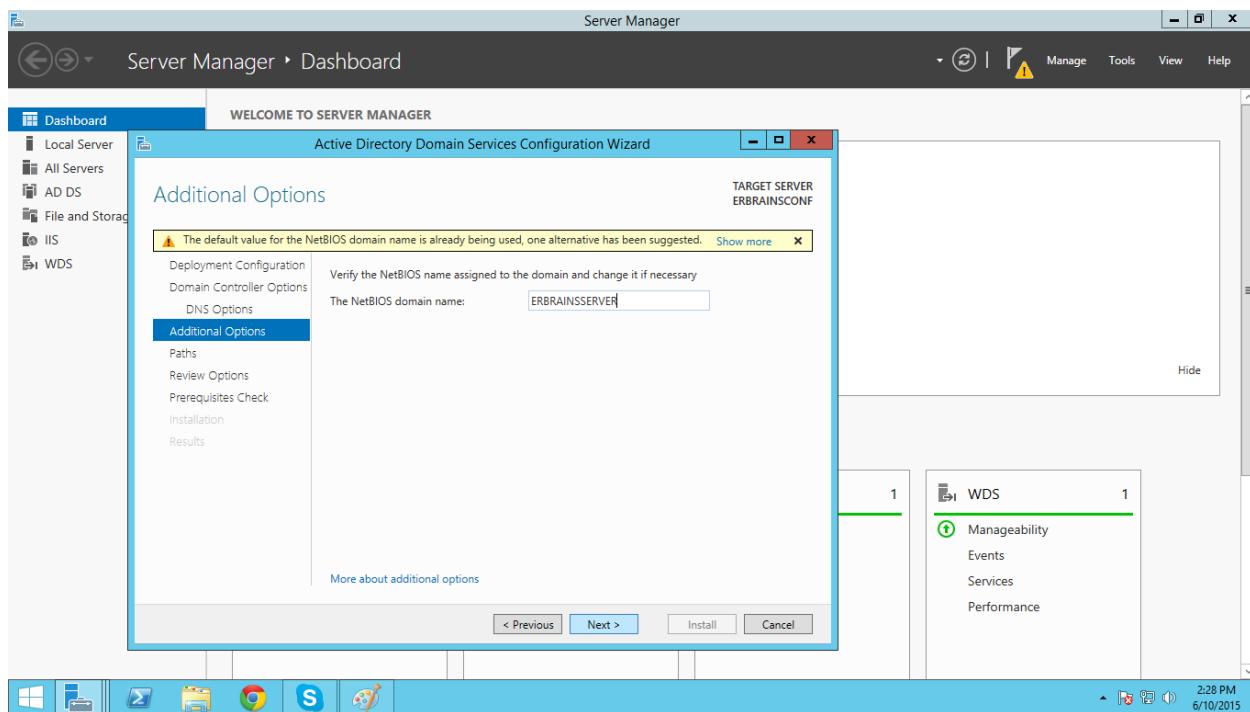
### **Step 3:**

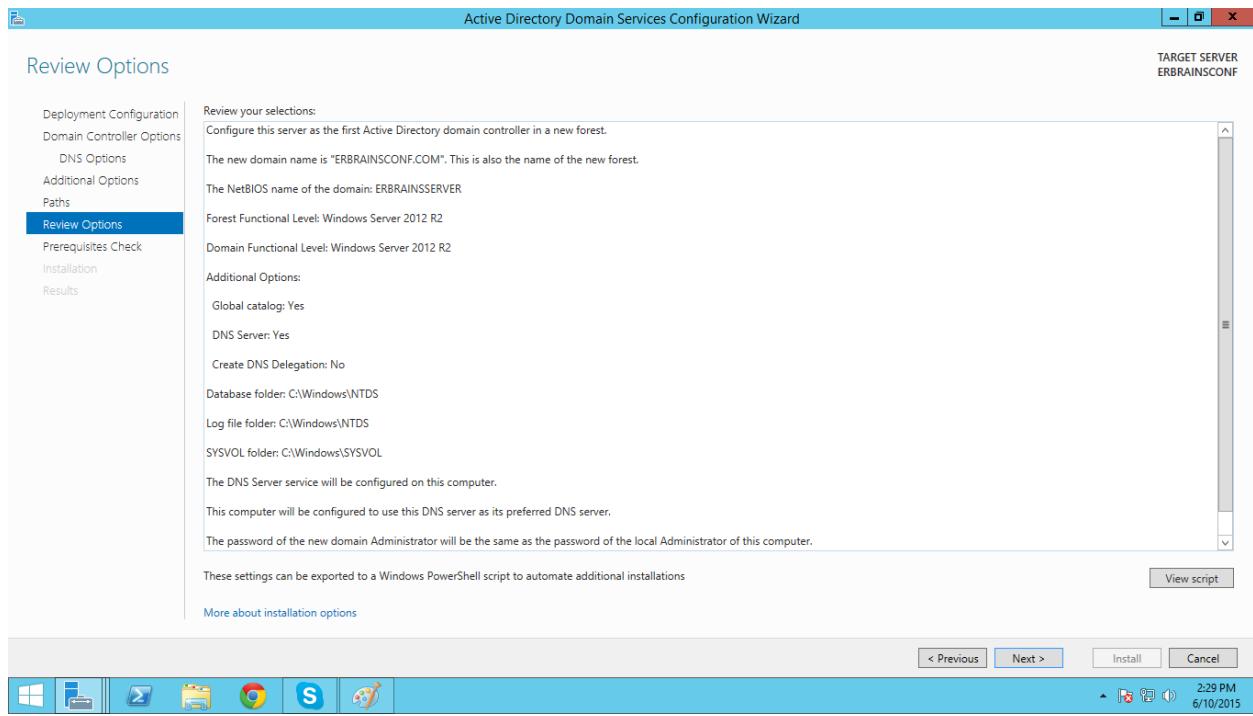
**Click** on Add New Forest and give the Root Domain Name.



#### Step 4:

In Additional Options Give the NetBios Domain Name Click Next.





## Step 5:

Select the path Click **Next** till the Installation completes.

### Role Services:

Again click on the Add Roles and Features and next in Server Role Window  
Click on Web Server (IIS)

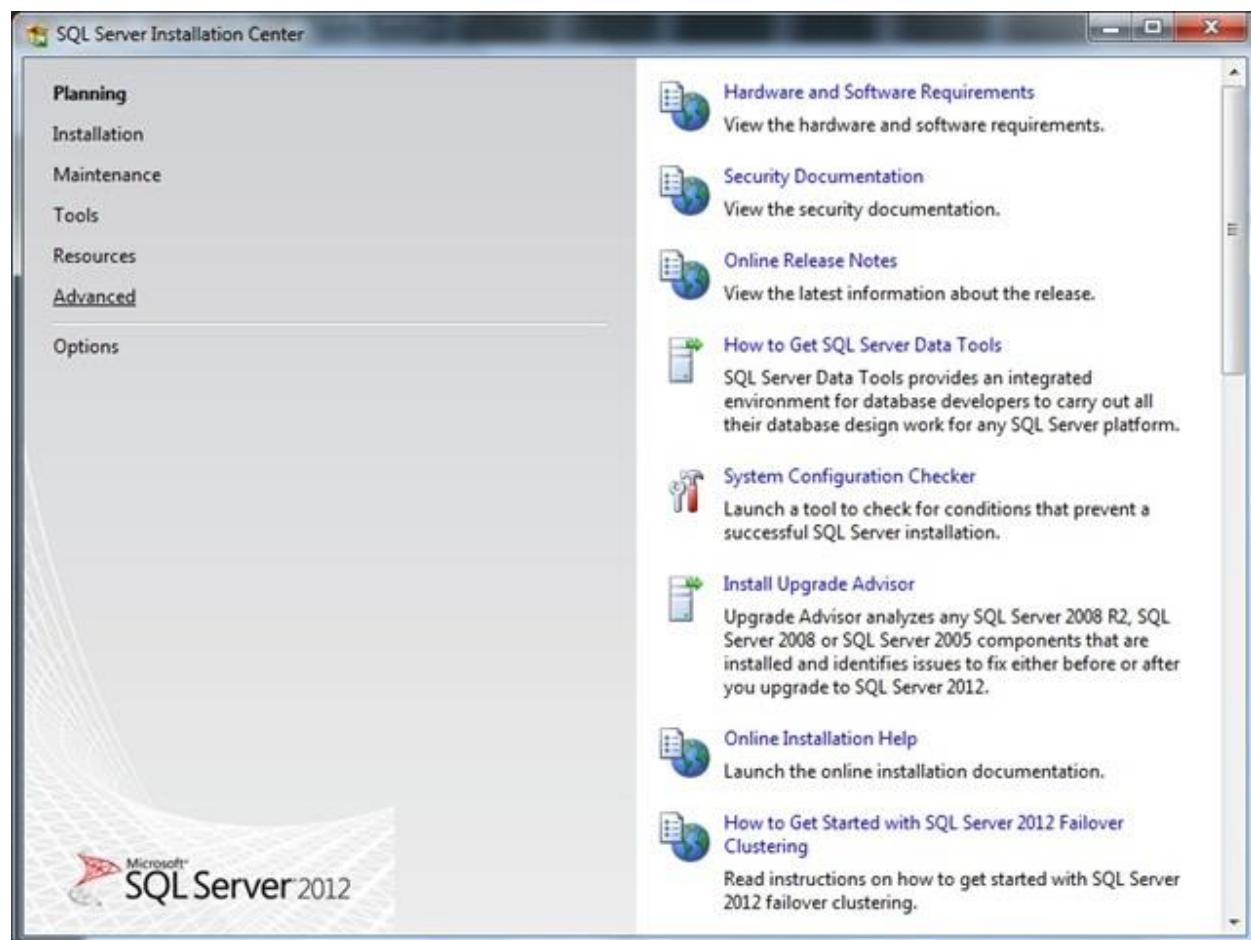
- Click on Windows Authentication and in IIS & Management Compatibility Check all Check Boxes and Click **Next**.
- Check the confirmation check box and Click **Next** to begin Installation.

# SQL Server 2012 Installation

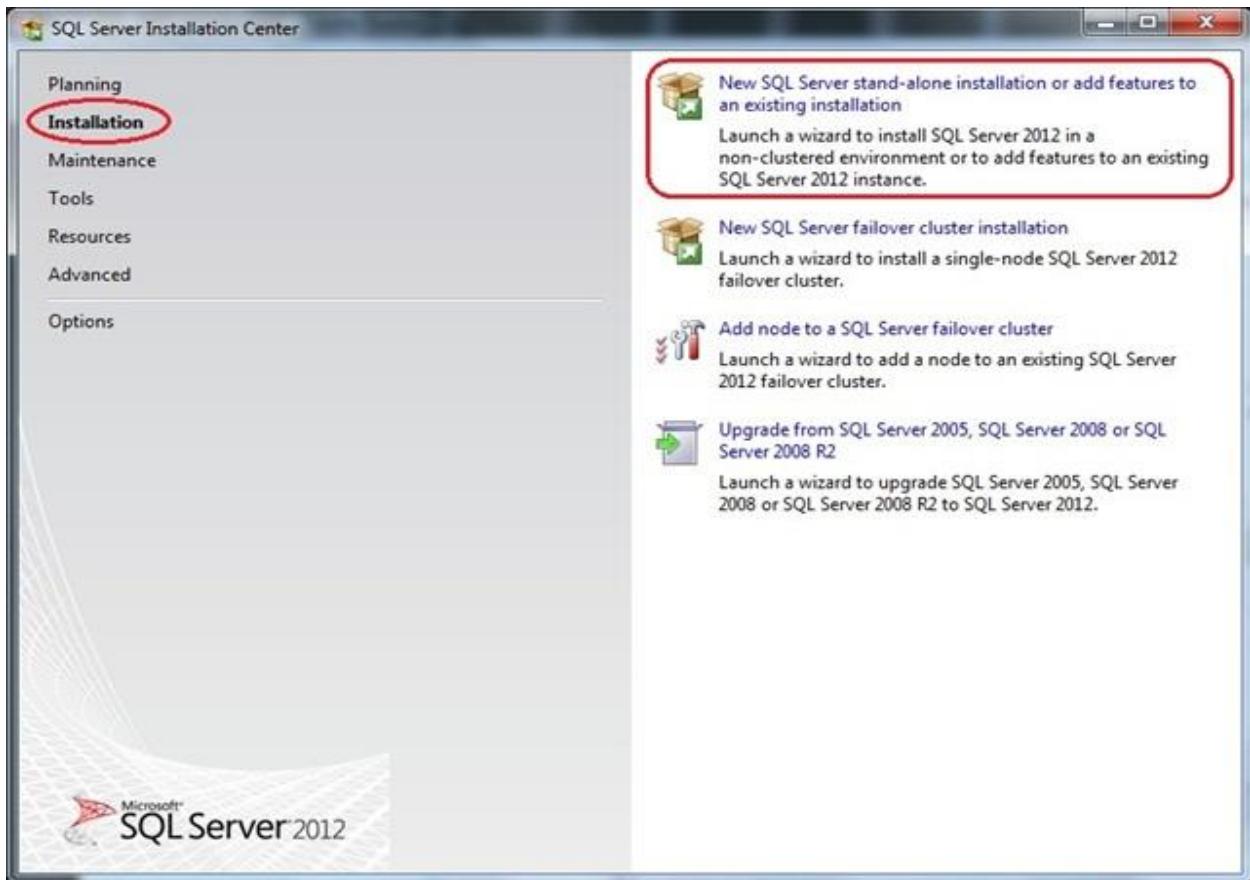
## Creating users for SQL Service:

- Search for Active Directory Users & Computers
  - To Active Directory Users and Computers window
- Expand domain (ERBRAINSSQL)
  - Right click on ERBRAINSSQL New select Organizational Unit
  - Enter Name (Service Account)
- Then the Service Account Folder will be created
  - Right Click on the Service Account Folder
  - Create New User (Enter the details)
  - Enter the New Password and uncheck User must change Password at next login
  - Select the option Password never expires.

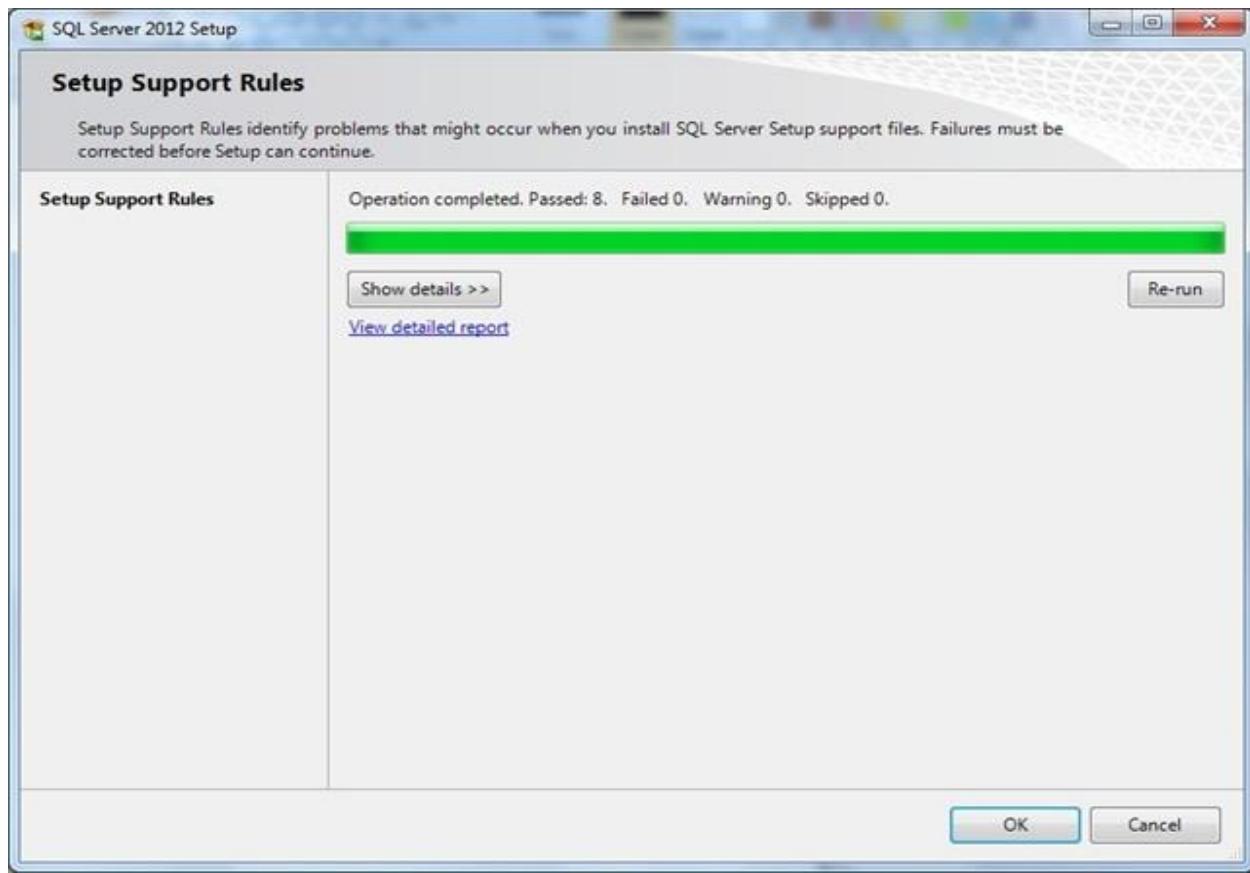
Insert the SQL Server installation media. From the root folder, double-click **Setup.exe**.



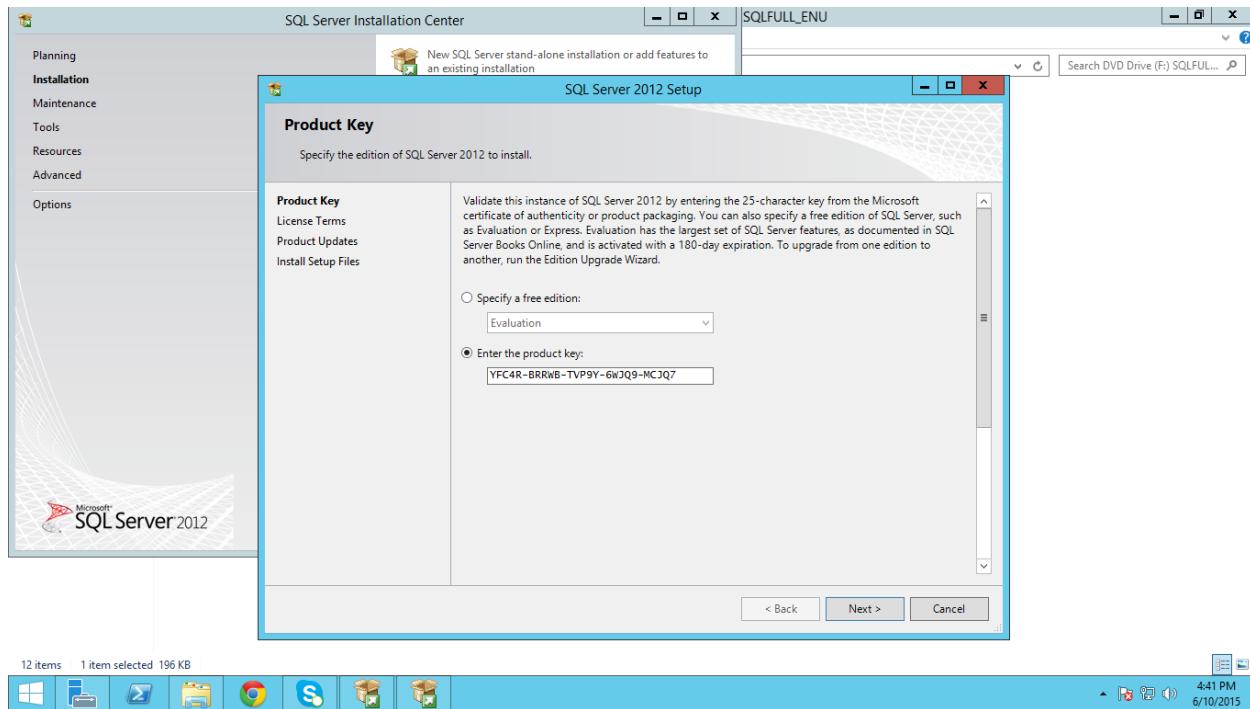
The Installation Wizard runs the SQL Server Installation Center. To create a new installation of SQL Server, select the Installation option on the left side, and then click **New SQL Server stand-alone installation or add features to an existing installation**.



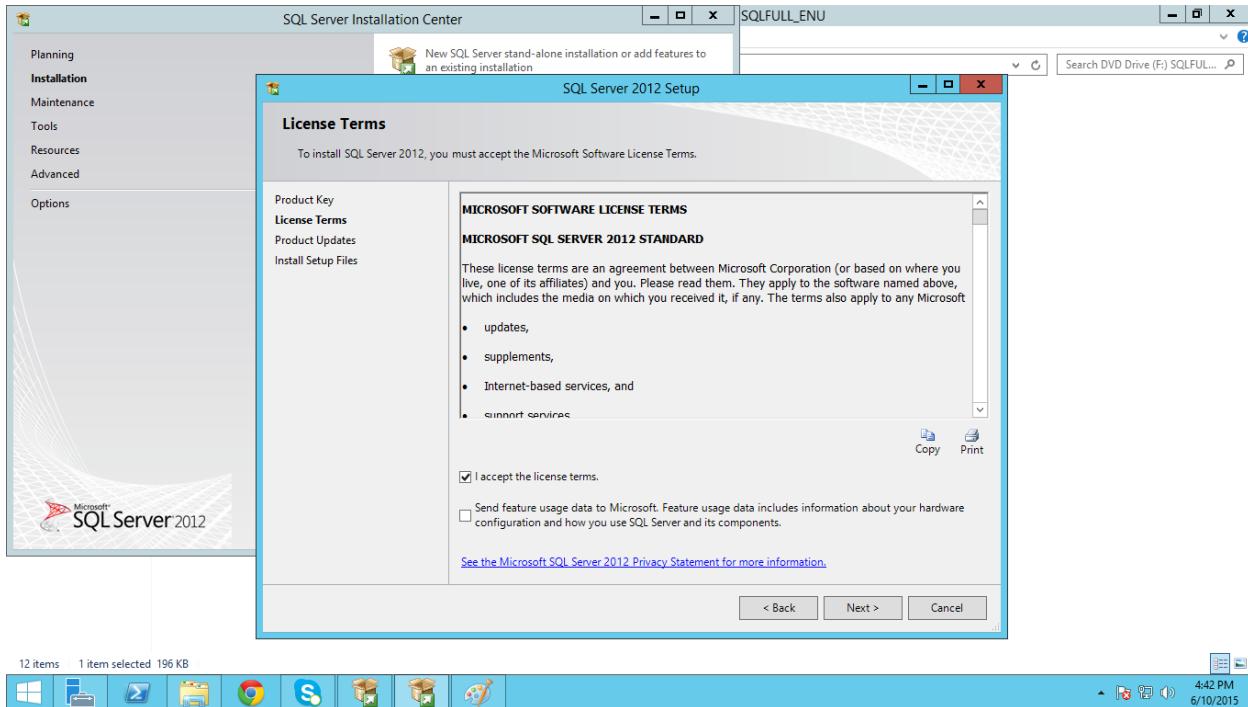
Now Setup Support Rules will run to identify problems that may occur during the Setup Support Files installation:



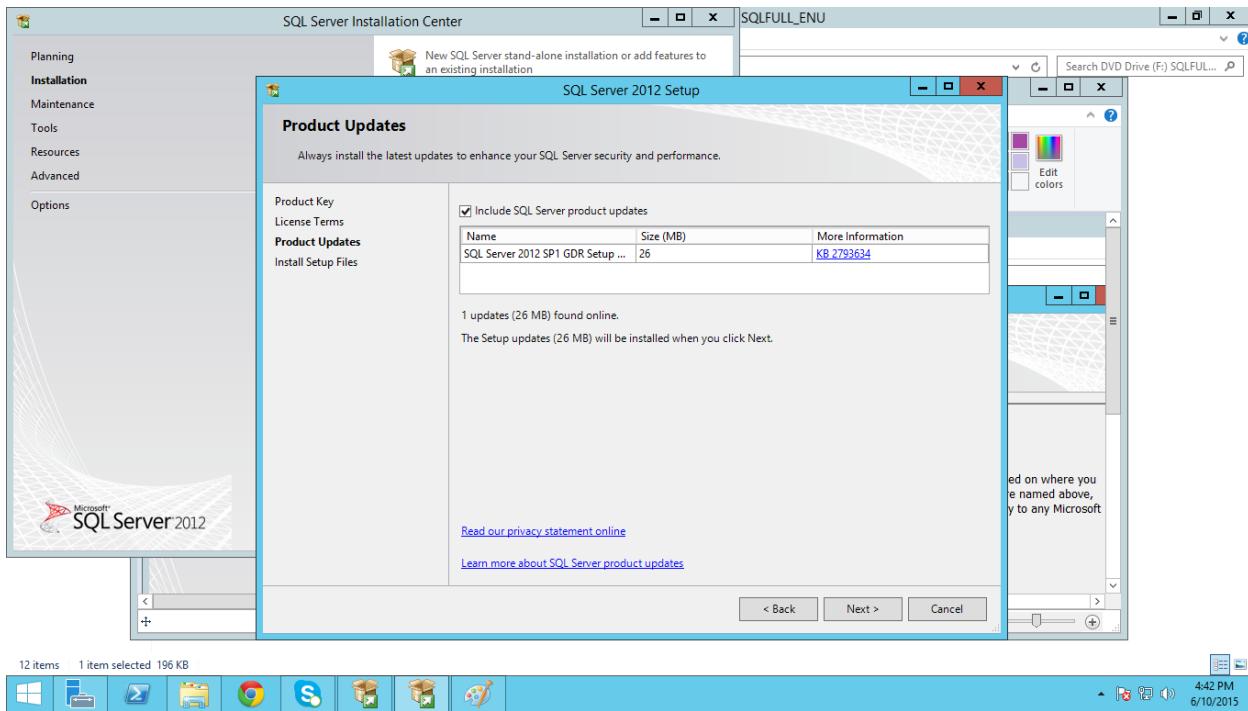
Once this step finishes click **OK** to proceed to Product Key window, In the Product Key window, enter the Product license key (if required), and click **Next** to continue:



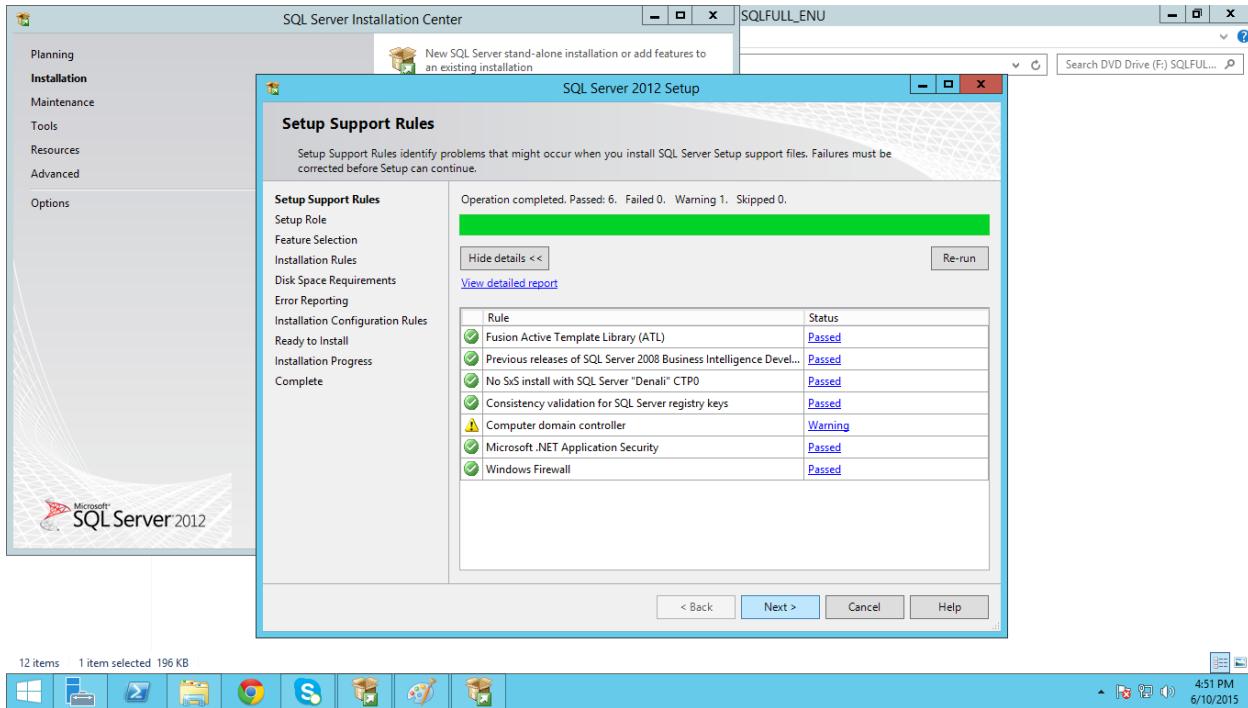
In the License Terms window, tick the box I accept the license terms and then click **Next** to continue:



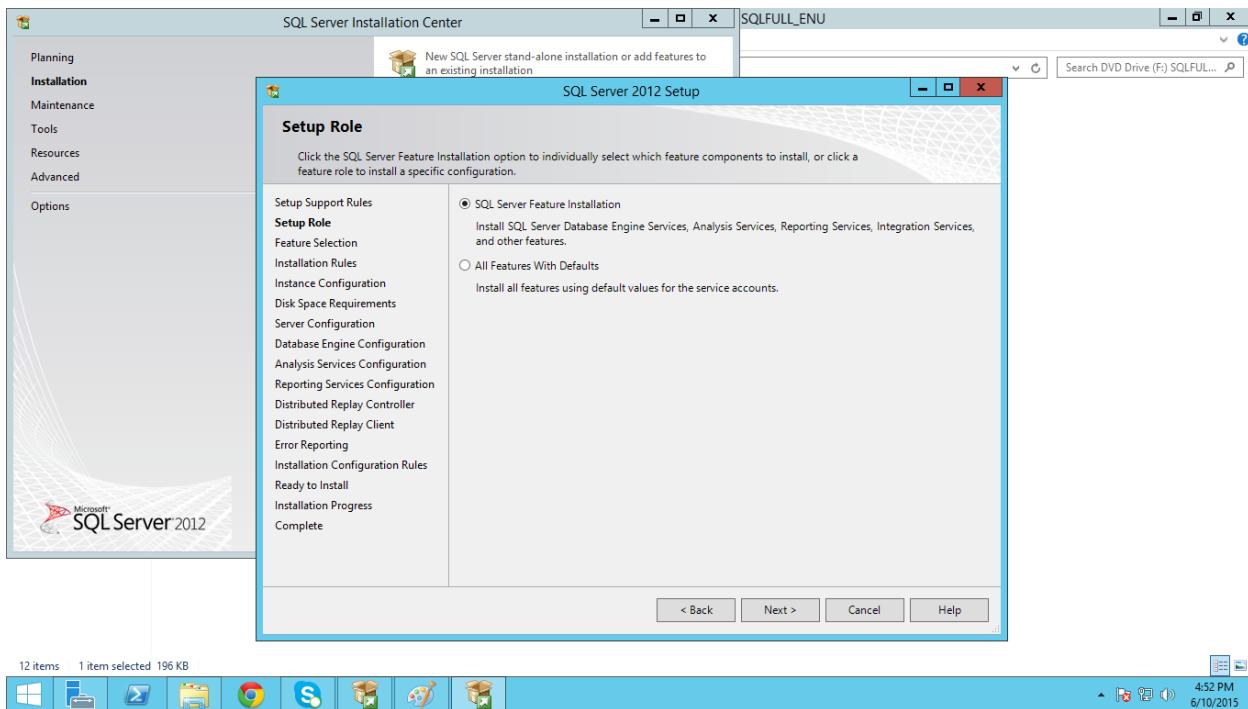
Click **Next** in Product updates



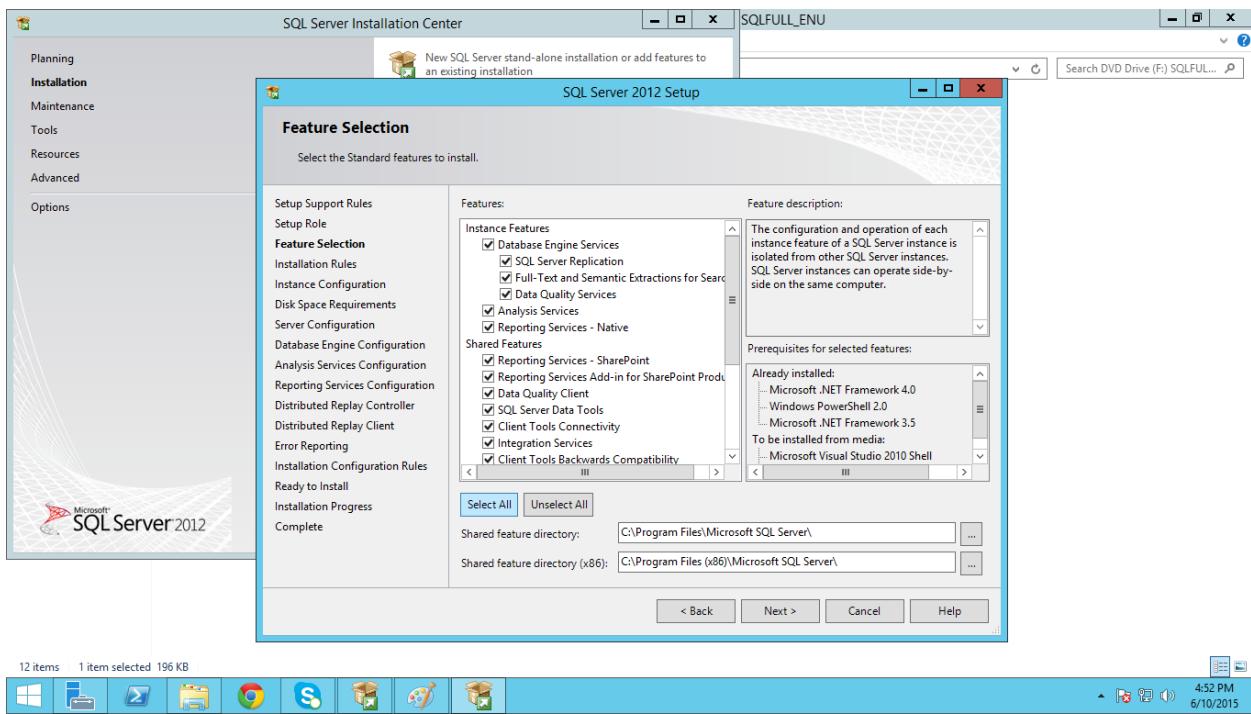
These files are necessary to perform the actual installation. Following the installation of the setup support files, you will be presented with another compatibility check. Following dialog appears once you successfully pass these checks. You can click the **Show Details** button under the green progress bar if you want to see the individual checks listed:



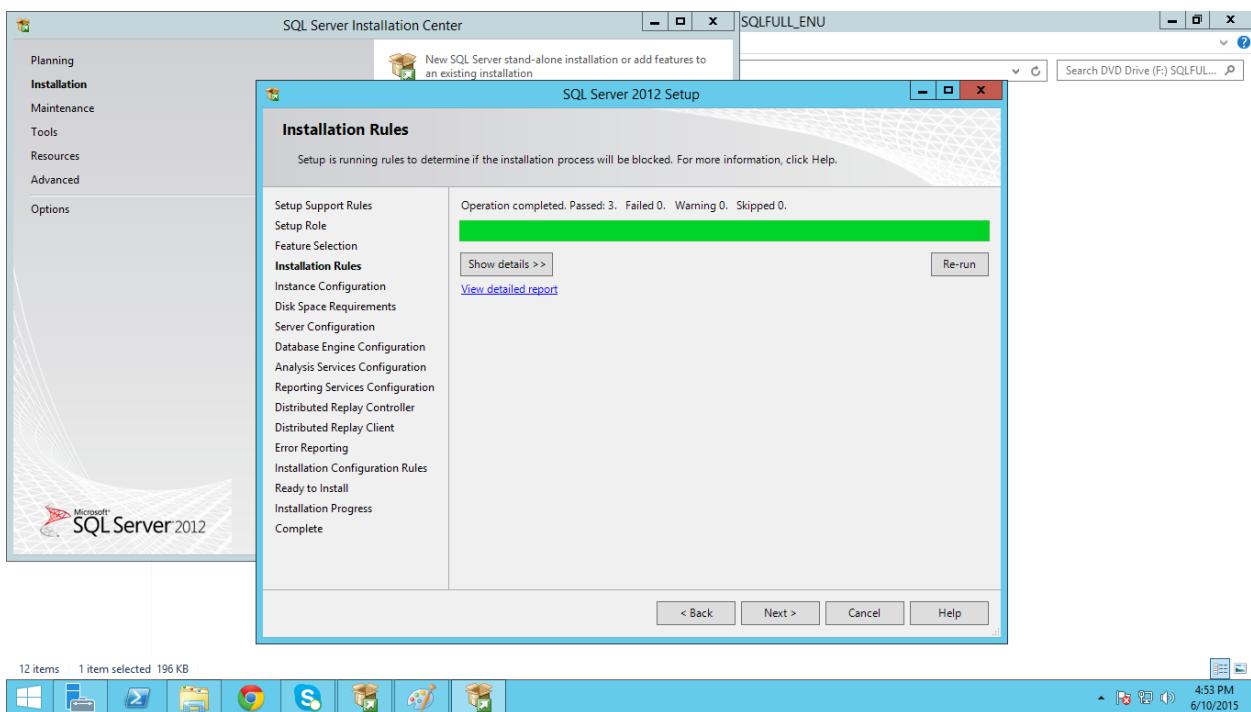
Click **Next >** to continue to the Setup Role page:



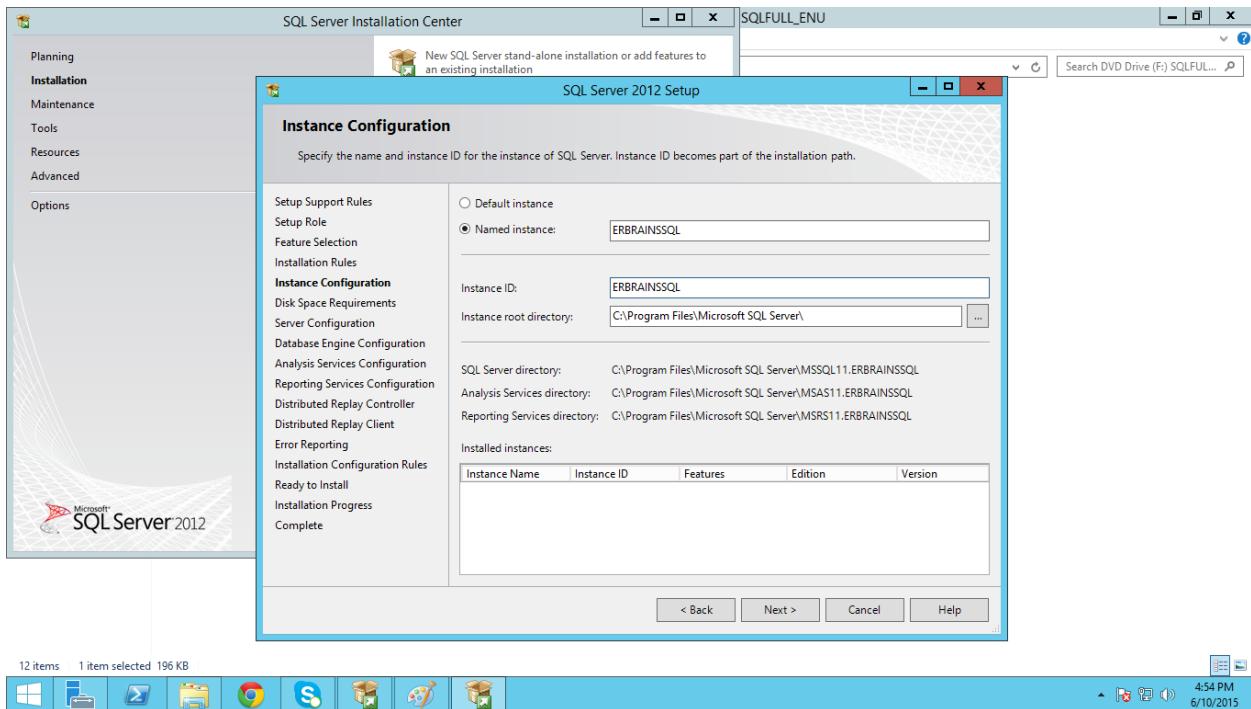
Select **SQL Server Feature Installation** option, Select all Features and then **Next** to continue to Feature Selection page. Click **Next** to continue to the Installation Rules page, Setup verifies the system state of your computer before Setup continues



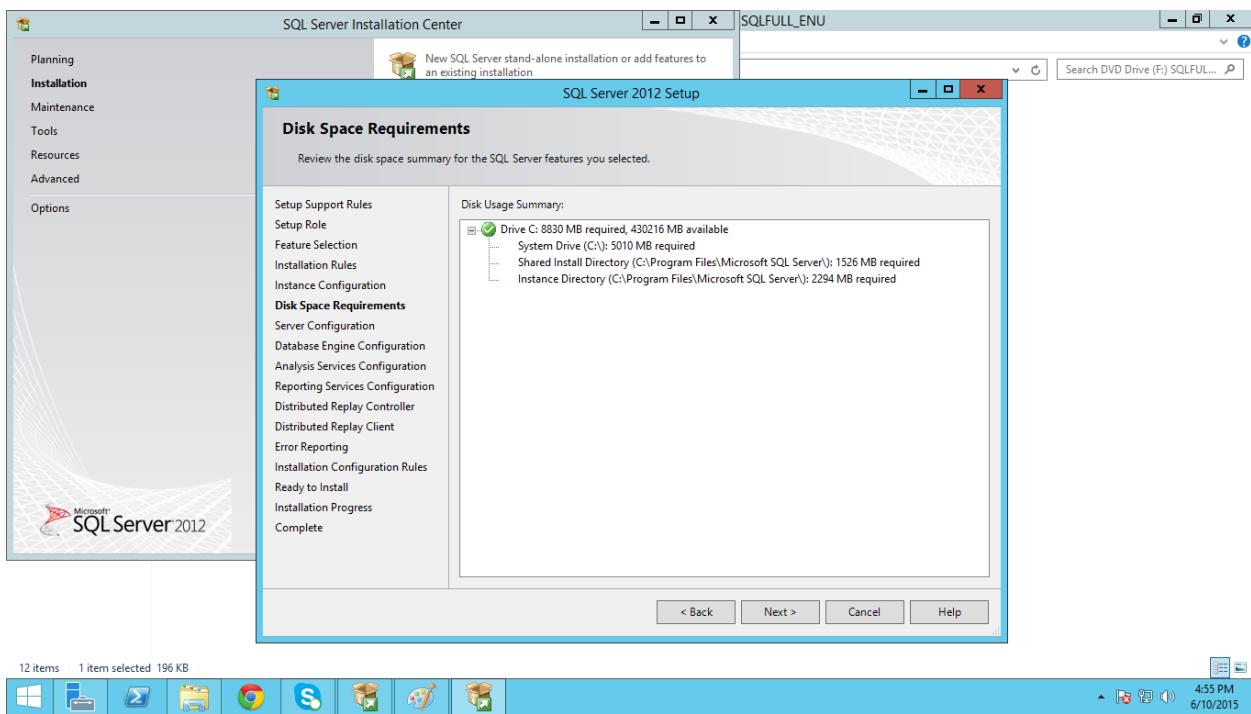
Click **Next** to Continue



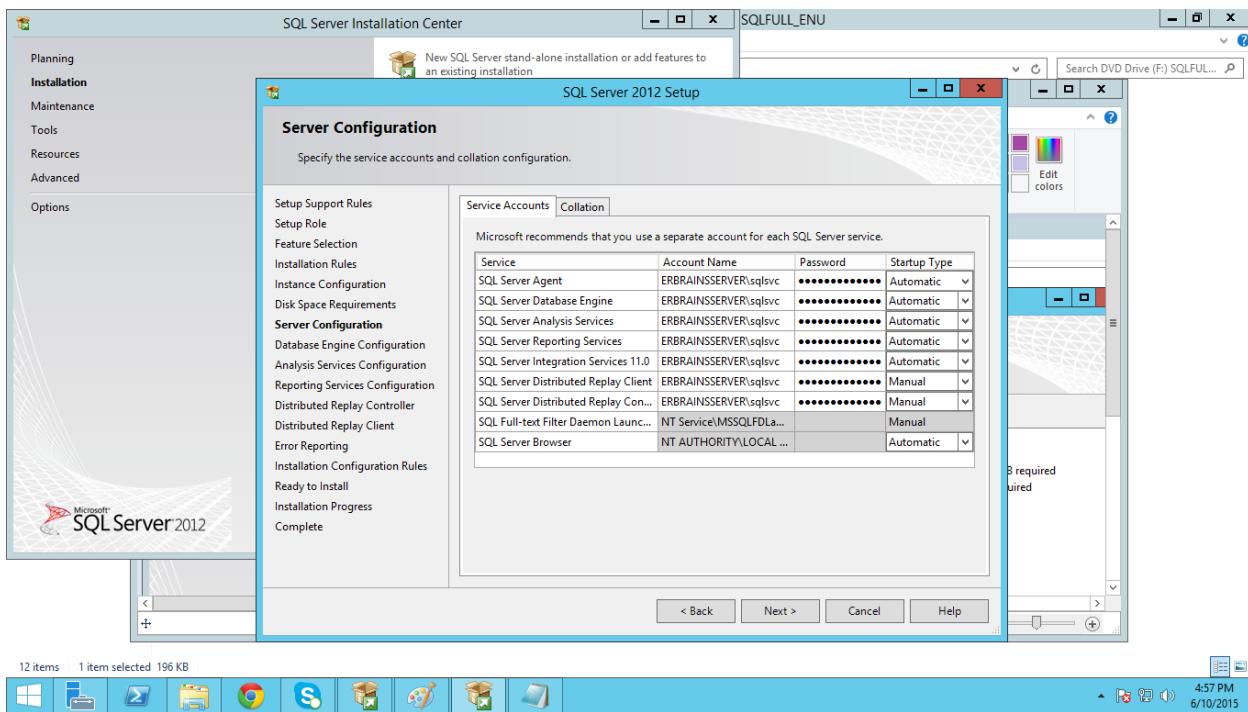
In this installation, I will install a named instance of SQL Server 2012 called ERBRAINSSQL.  
Click **Next** to continue



Click **Next** to proceed to the Disk Space Requirements page



Select the Account Name and Password along with Service type. Click **next** to continue

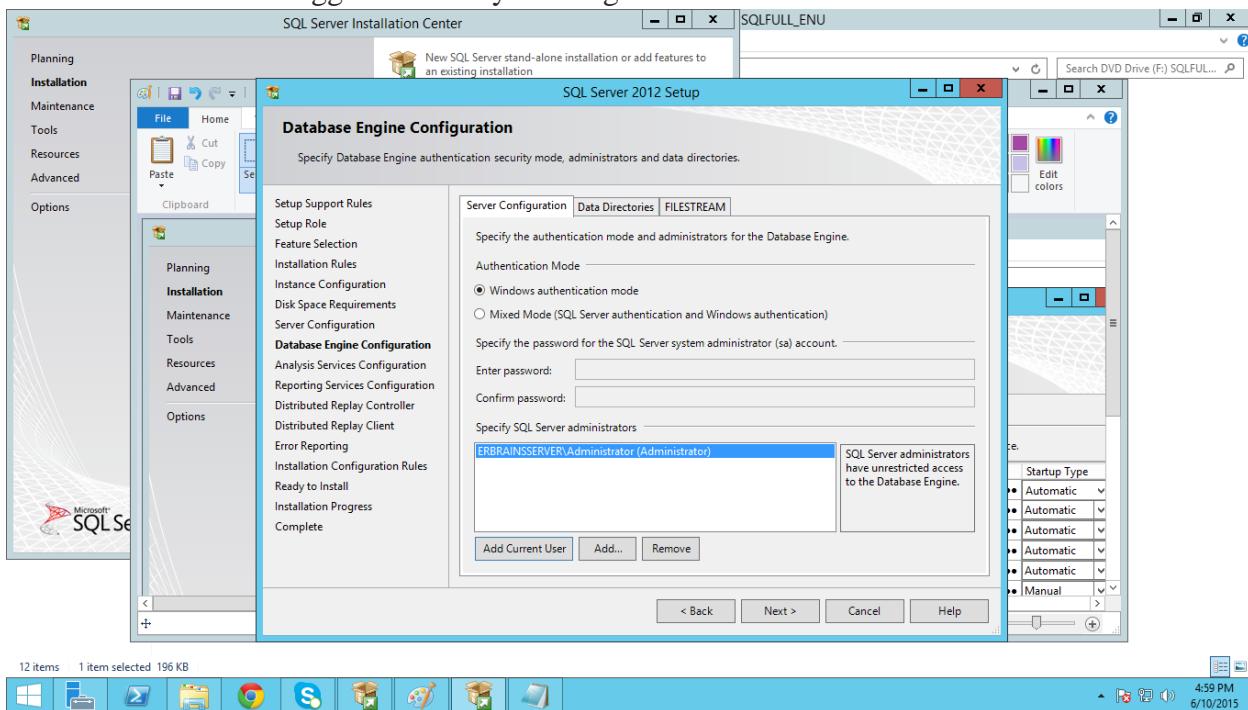


In Database Engine Configuration wizard

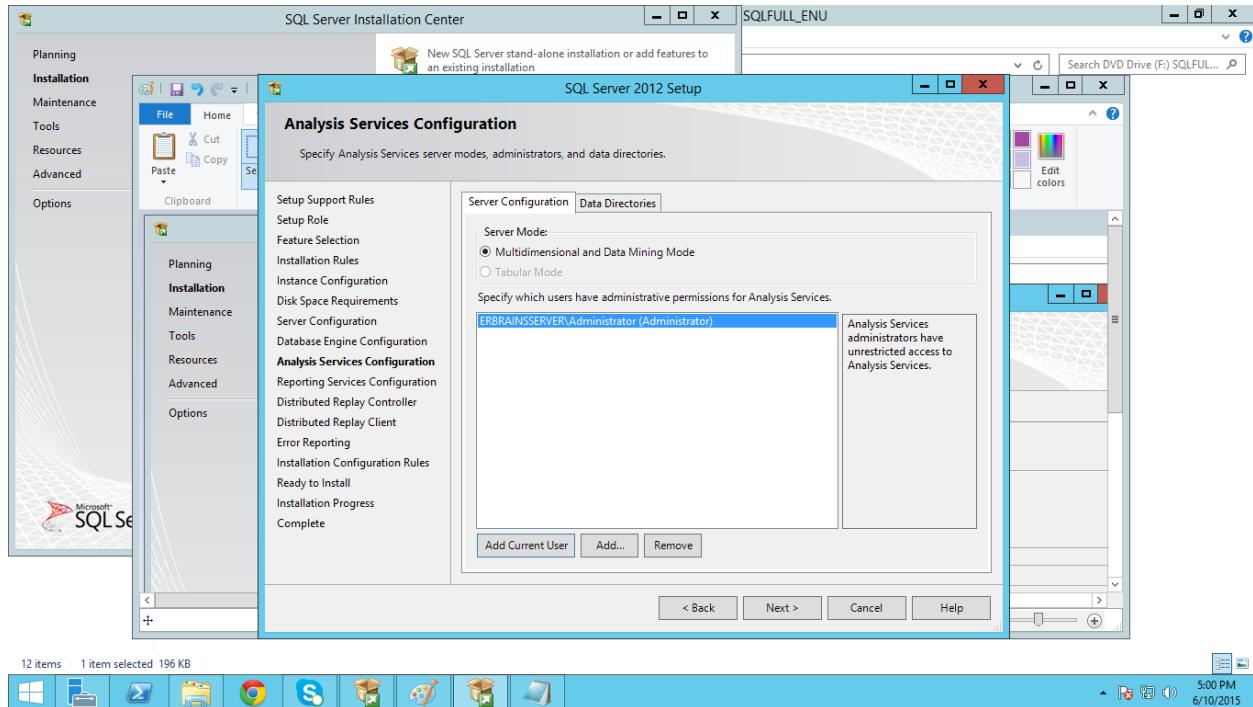
Check the Radio button Windows authentication mode

Click on add current User

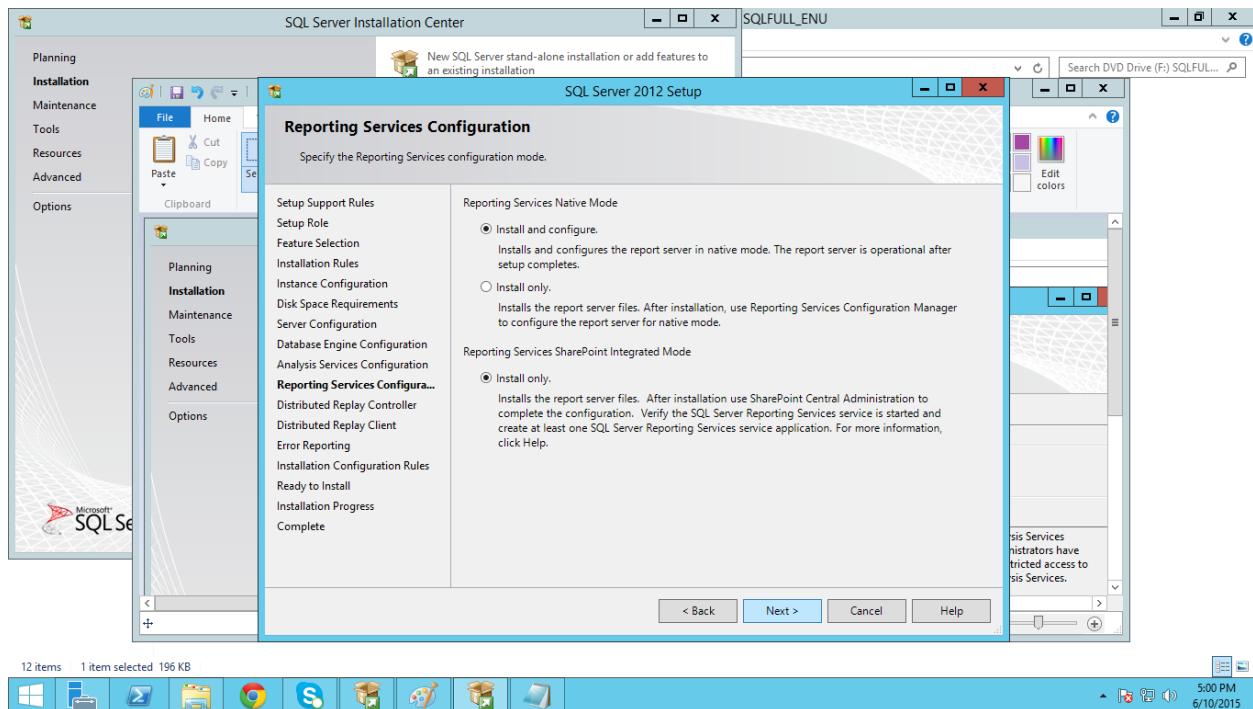
I will use the current logged in user by clicking **Add Current User** button



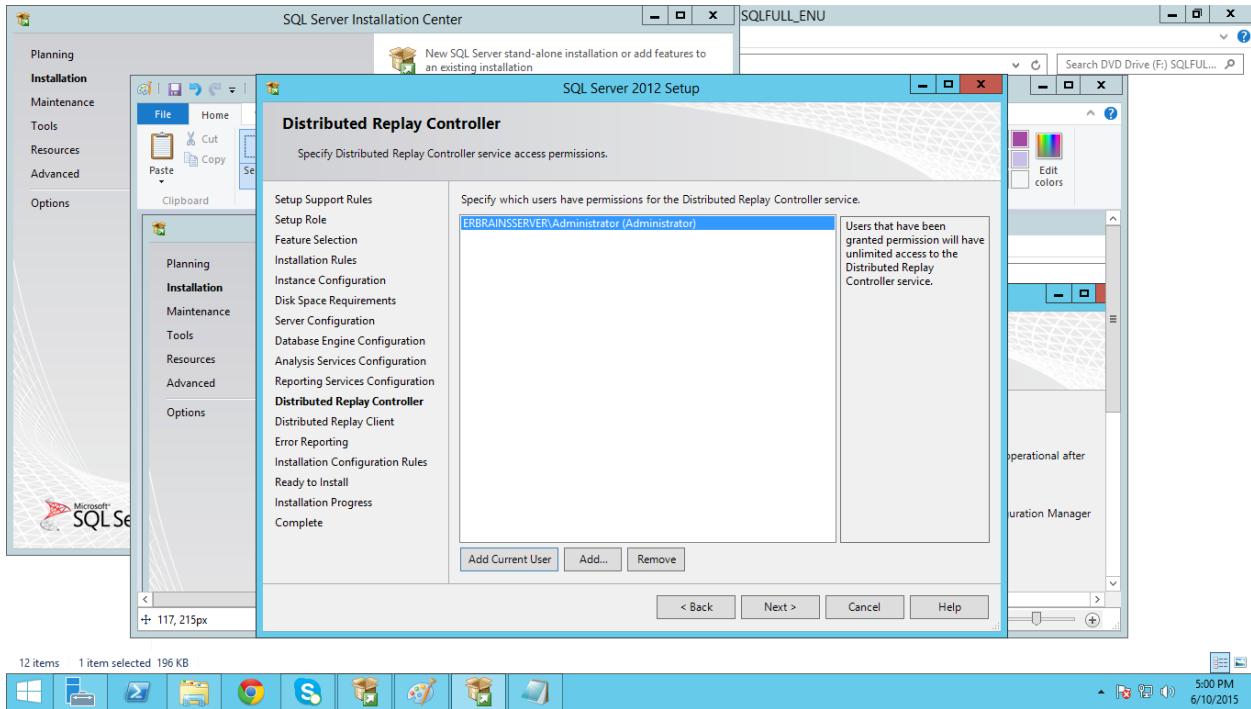
Click **next** to proceed to Analysis Services Configuration page, this is similar to Database Engine Configuration page. Here also add current logged in User



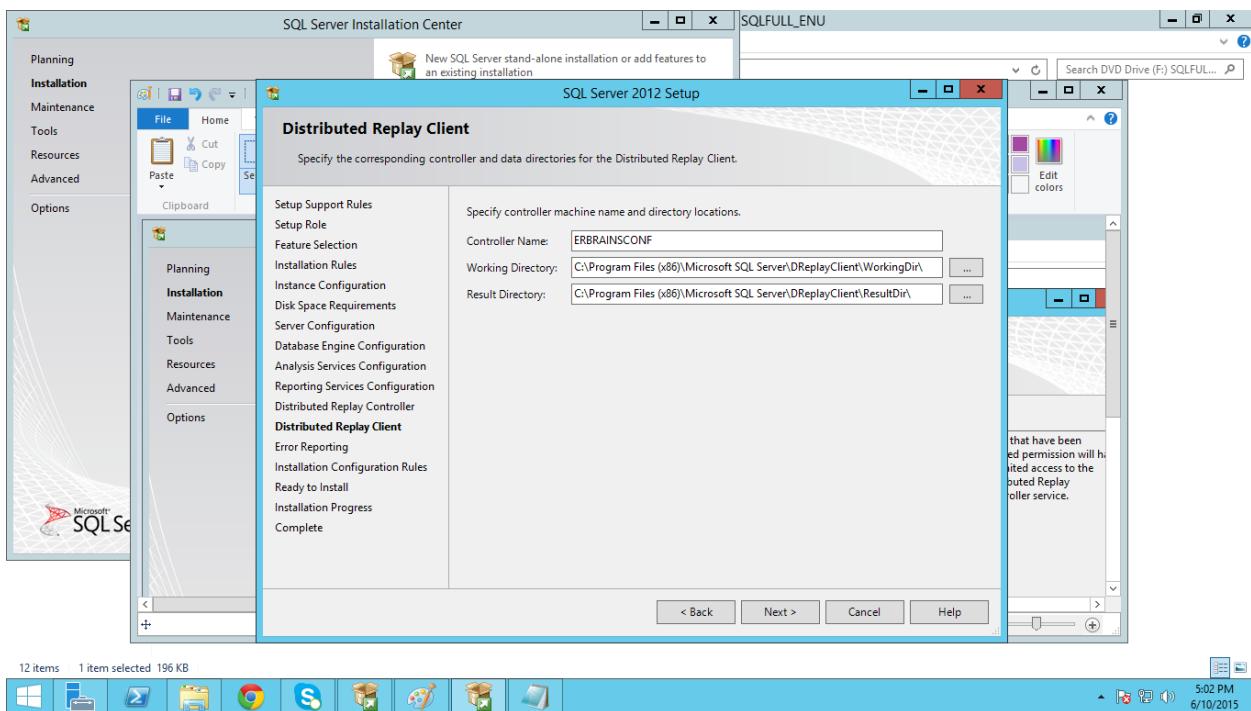
Click **Next** to continue to Reporting Services Configuration page, specify the kind of Reporting Services installation to create. For the purpose of this article, I will use Install and Configure option:

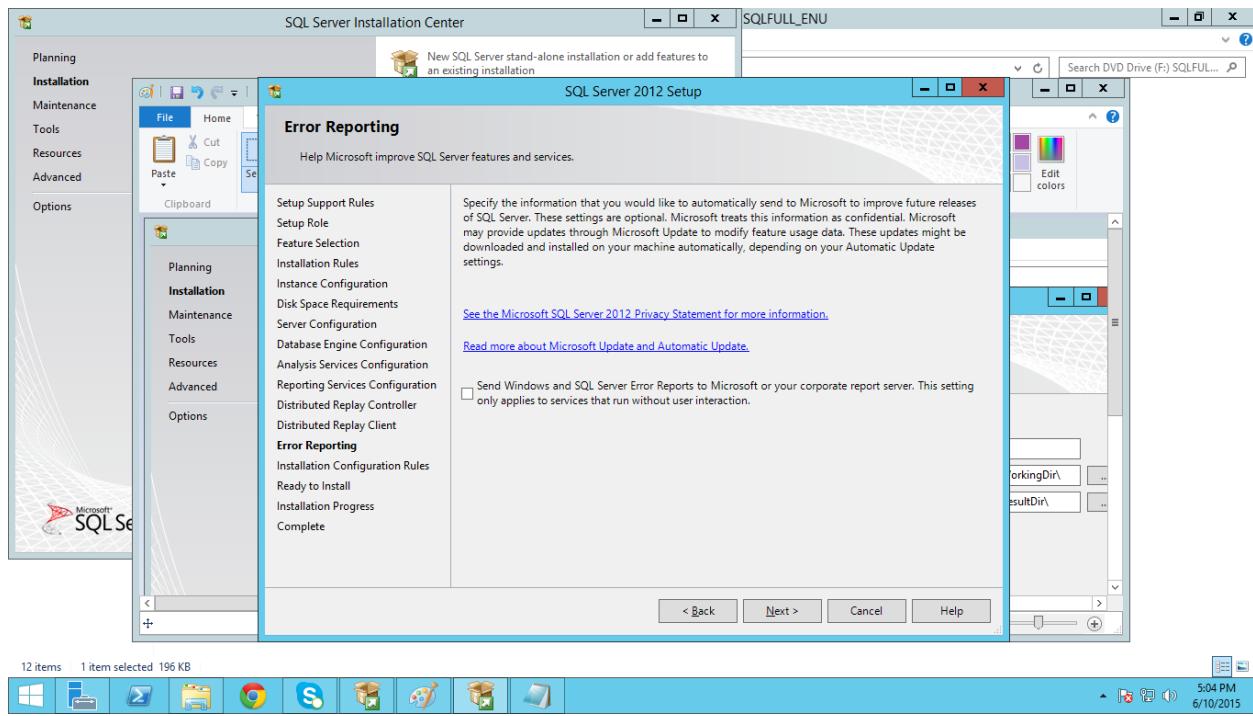


Click **Next** to proceed to Distributed Replay Controller page, specify the users you want to grant administrative permissions to for the Distributed Replay controller service and then click **Next** to continue

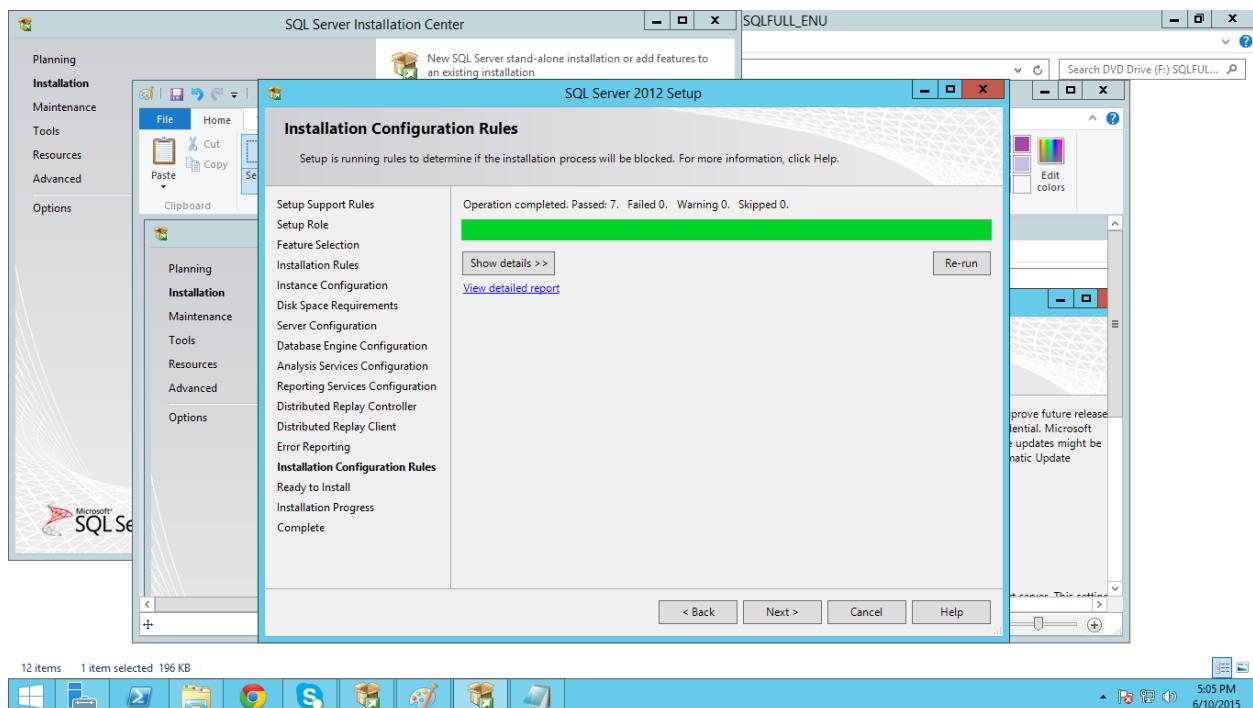


Distributed Replay Client Configuration page appears, here specify setting as shown in next figure:



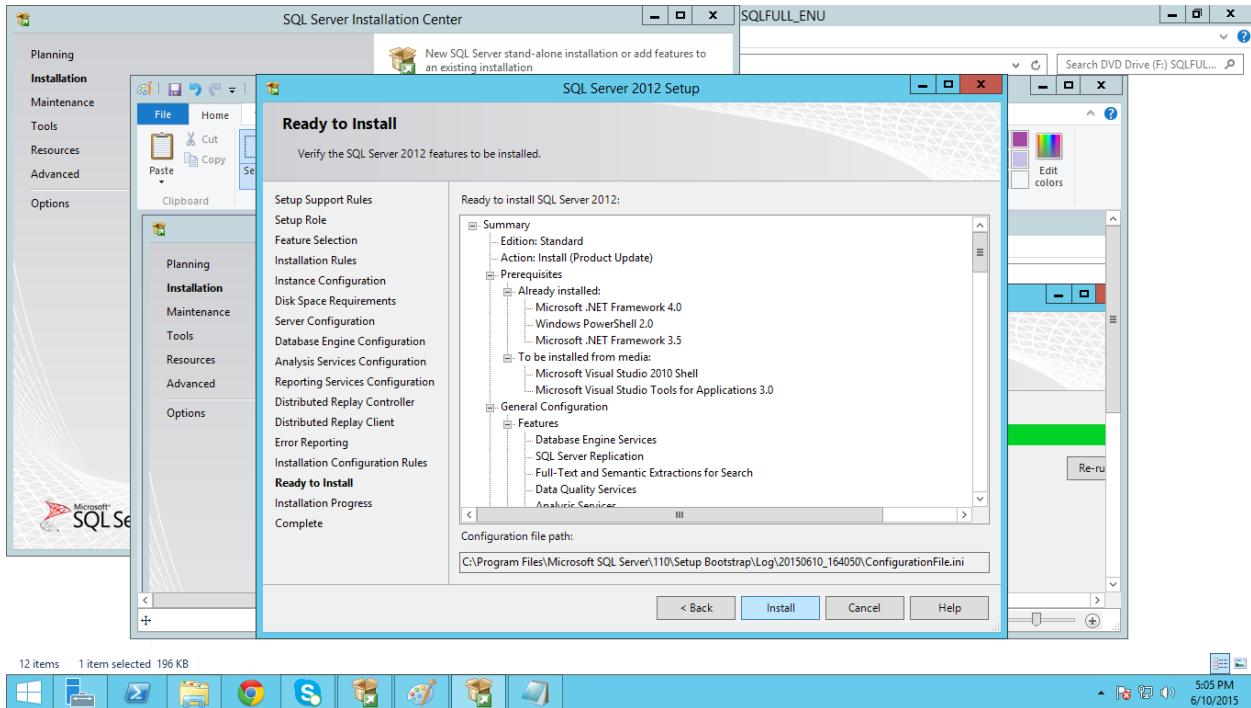


Click **next** now System Configuration Checker will run some more rules that will validate your computer configuration with the SQL Server features you have specified:

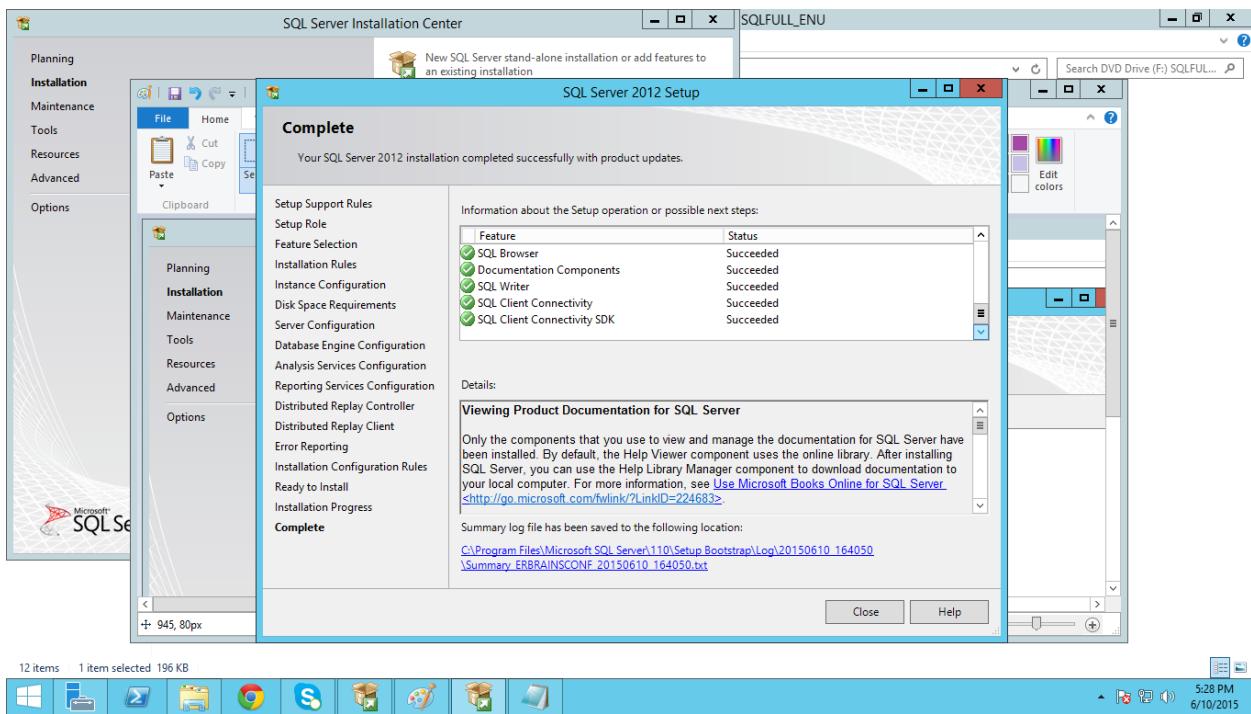


Correct any errors reported in the Installation Rules screen and click on **Next** to advance to Ready to install page.

Click **Install** button to start SQL Server 2012 installation.



When the installation is complete, click on **Next** to Complete page



This finalizes the installation process for SQL Server 2012.

# **CRM 2013 Installation**

To specify the service accounts window we need to create accounts.

So search for Active Directory Users & Computers, Right Click on Service Accounts.

Create New User, create accounts for all Services

Add Deployment web service to admin

- i. In Service Account right click on CRMDeploy (account name)
- ii. Click properties → member → and then add.

Then Search for installed SQL Server

In Object Explorer Select Security → Logins, Right click for New Login

Enter CRMDeploy, Select Server Roles, and Give permission as System Admin

Check for system admin and close SQL

- Then to Active Directory User and Computers, Add App User and Sync User to the group.
  - Select CRM APP and CRM ASYNC Select both and add to a group
- Select Group Performance log user and Click Ok.

After the successful completion Search for Local Security Policy

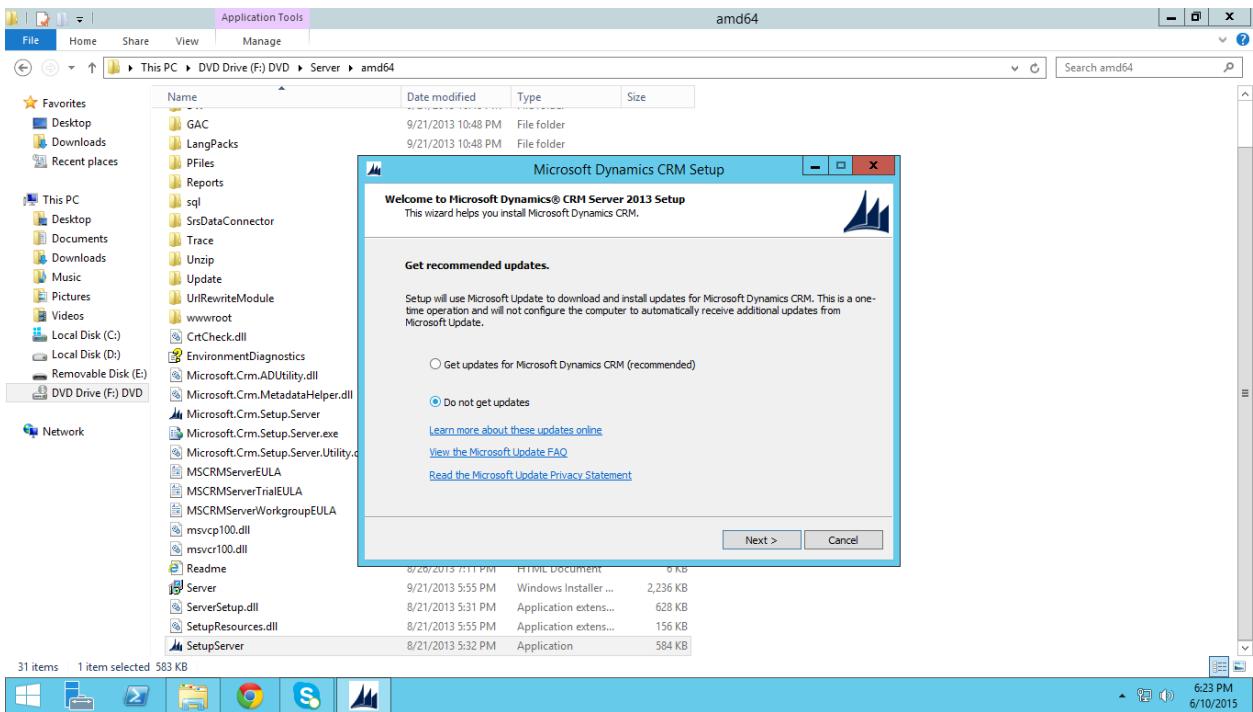
- Select Local Policy
  - Double Click on User Rights Assignment
    - Search for log on asservice Select five users no need of adding (CRMAPP) Click ok and then Click Apply.

## **Installing CRM 2013 STEPS:**

First we need to go to the CRM setup folder, go to server select AMD64

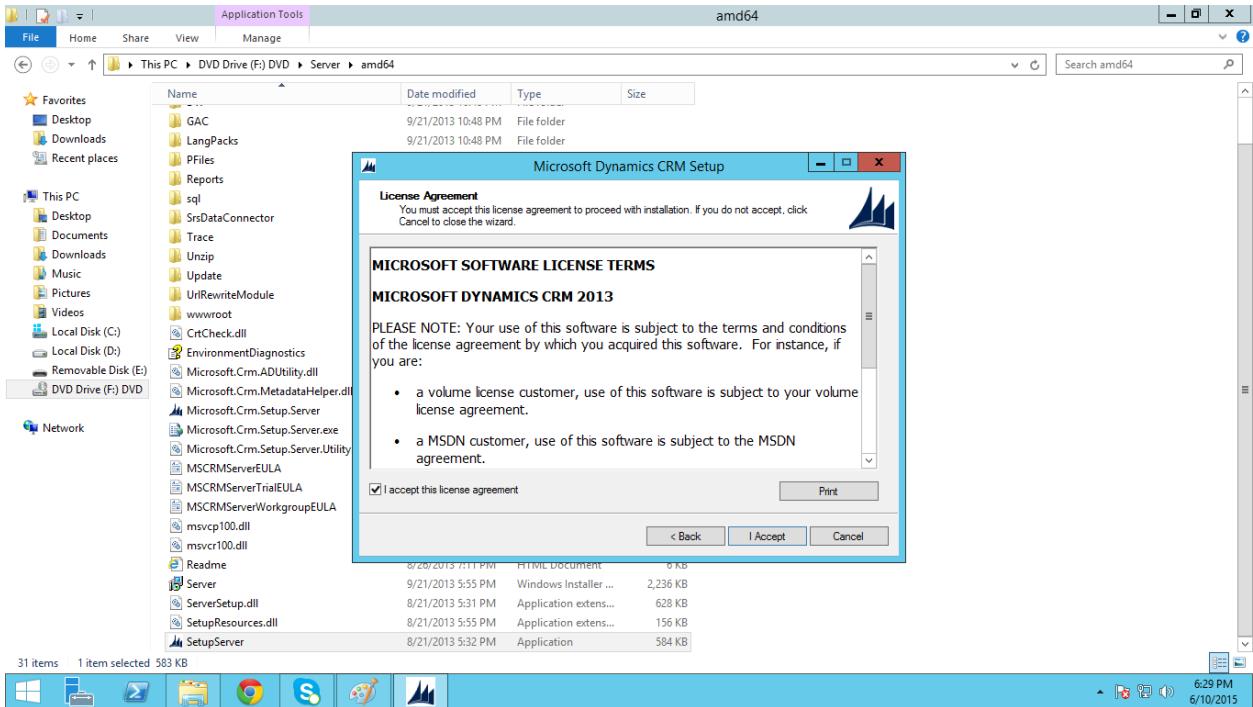
Where the SETUP File is Present.

Double Click on the CRM SETUP File, We will get the MS Dynamics SRM Updation wizard check for do not update Click on Next.



## License Agreement page

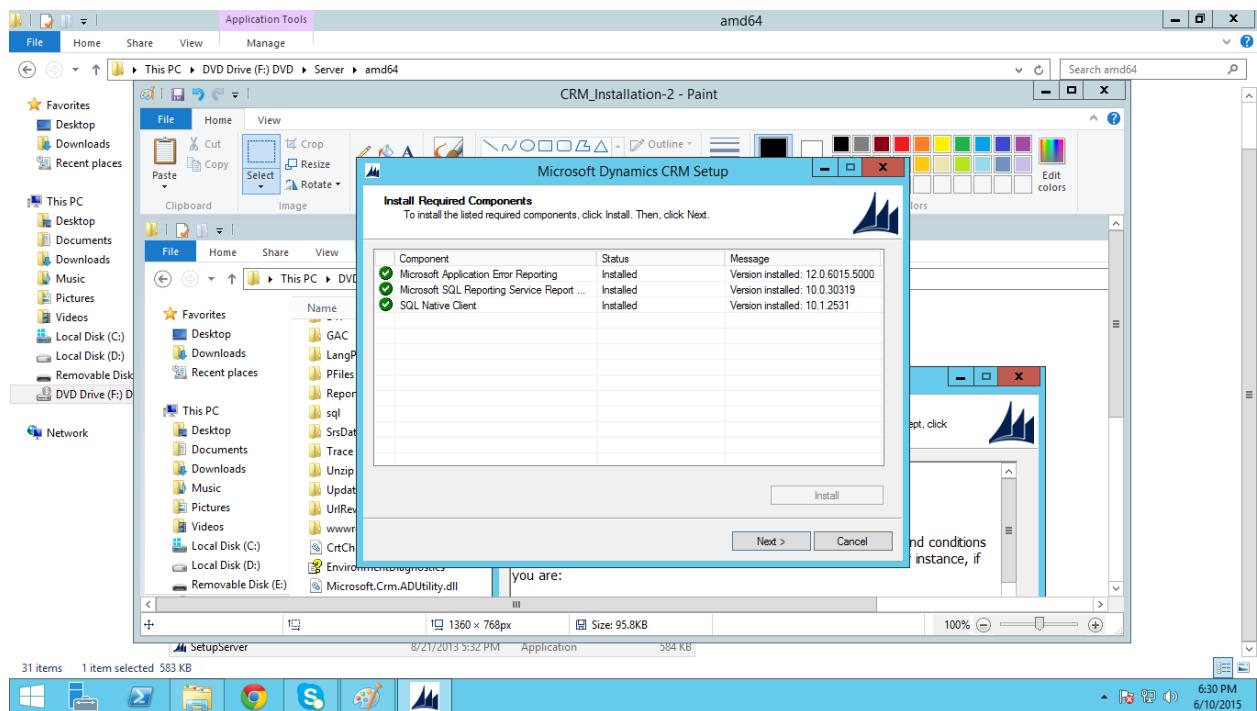
On the License Agreement page, review the information and, if you accept the license agreement, click **I accept this license agreement**, and then click **I Accept**.



## Install Required Component

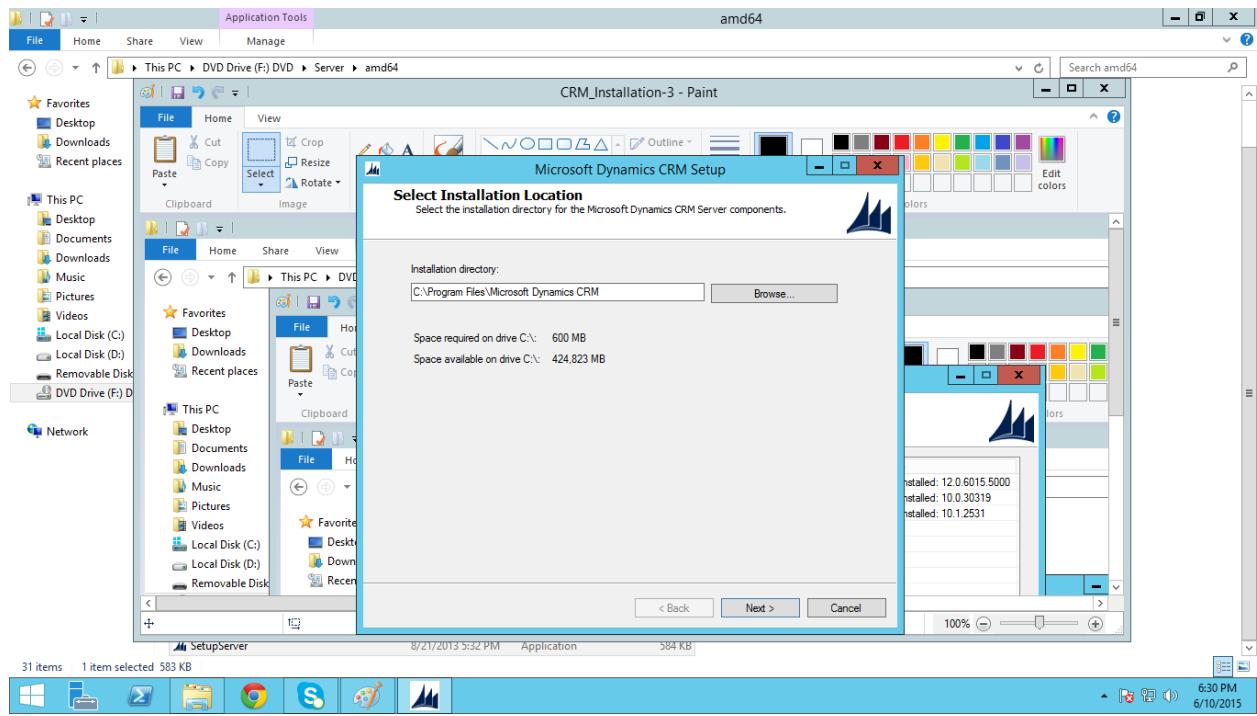
If Setup detects that components are missing, the Install Required Components page appears.

- If you have already installed the required components, this page will not appear.
- If you have not installed the required components listed, you can install them now. Click **Install**. When the components are installed, the status column will change from Not Installed to Installed, and you can click **Next** to continue.



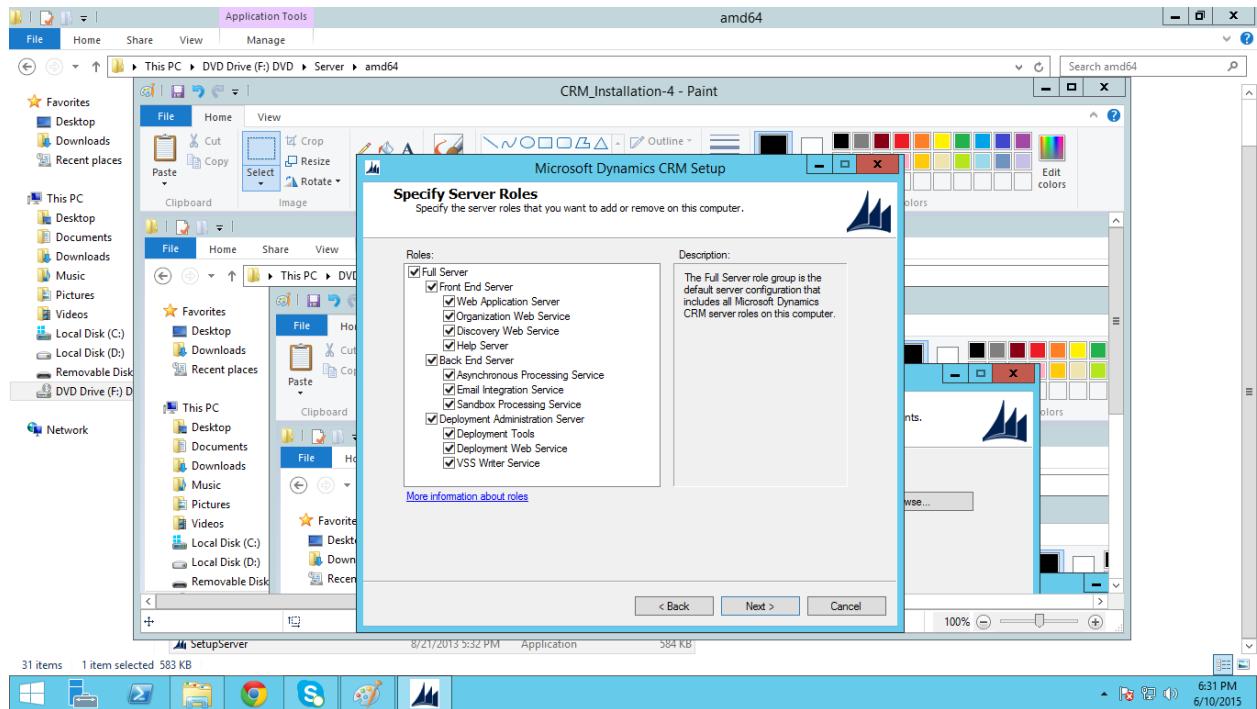
## Select Installation Location

On the Select Installation Location page, accept the default location or enter a different file installation location, and then click **Next**.



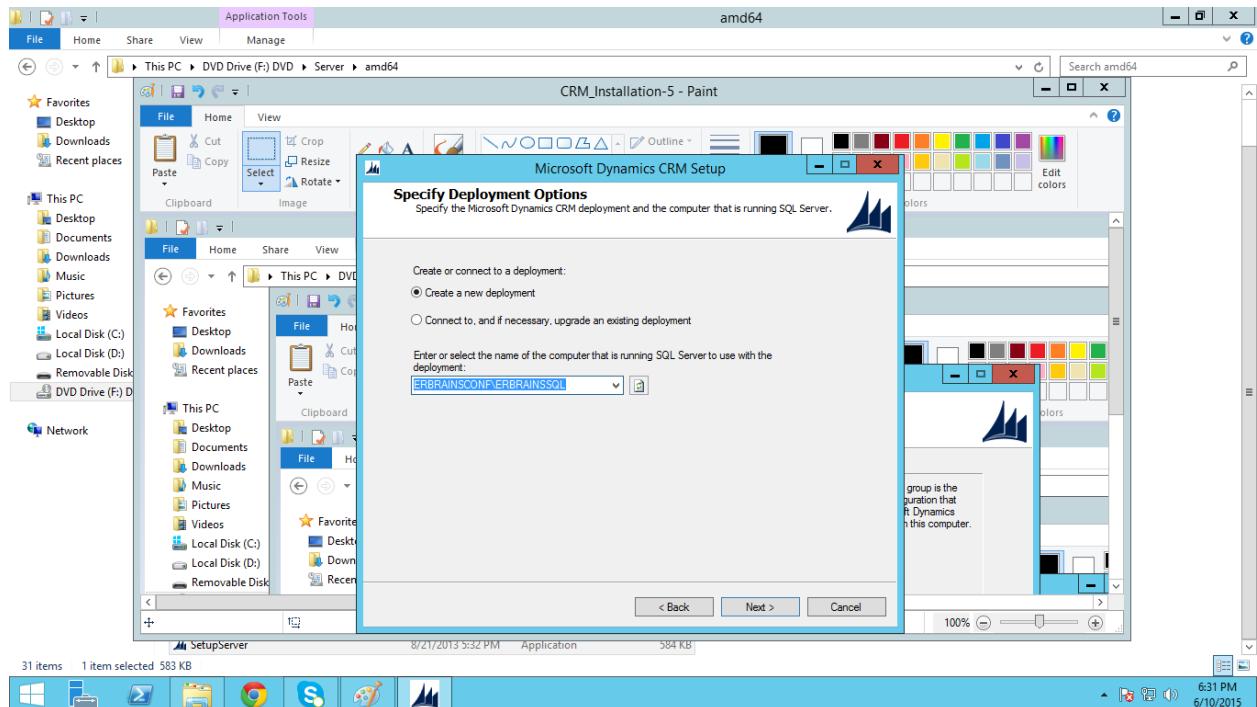
## Specify Server roles

Check all the roles present and click Next.



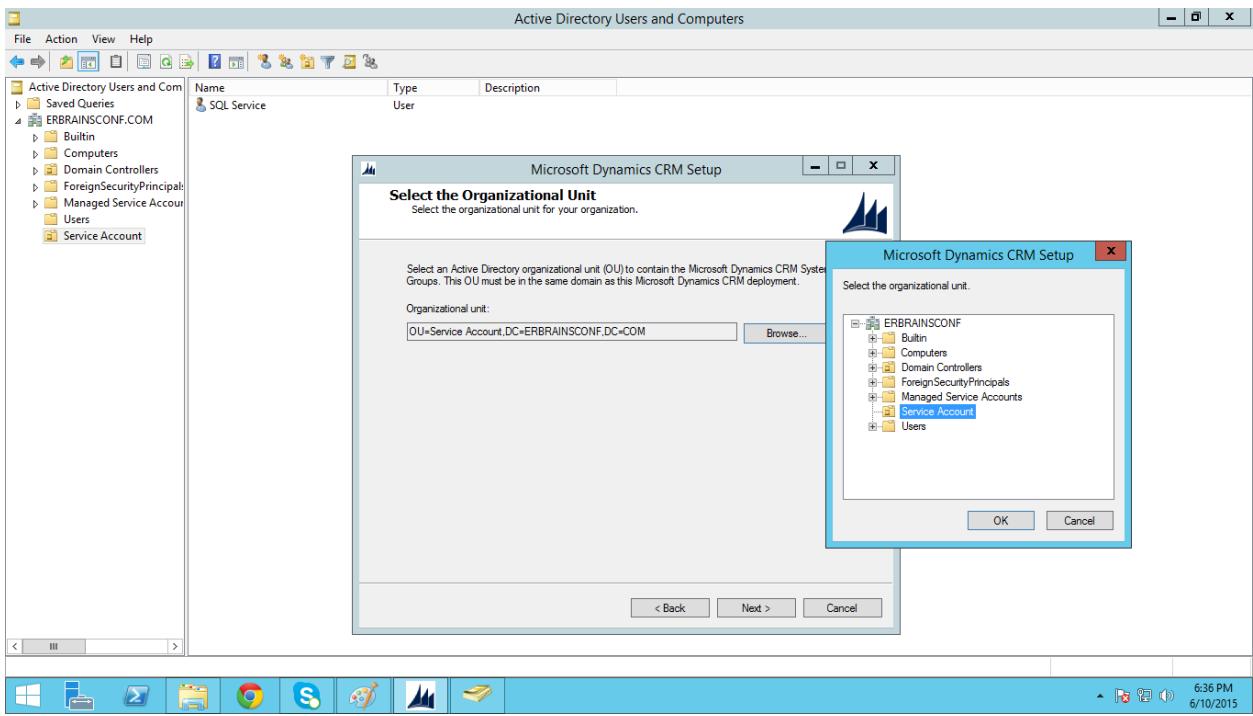
## Specify Deployment Options

On the Specify Deployment Options page, select the name of the computer that is running **SQL Server** to use the deployment box, type or select the **instance of Microsoft SQL Server** that will be used to store the Dynamics CRM database (MSCRM\_CONFIG)For a new installation of Dynamics CRM, we select the option Create a new deployment



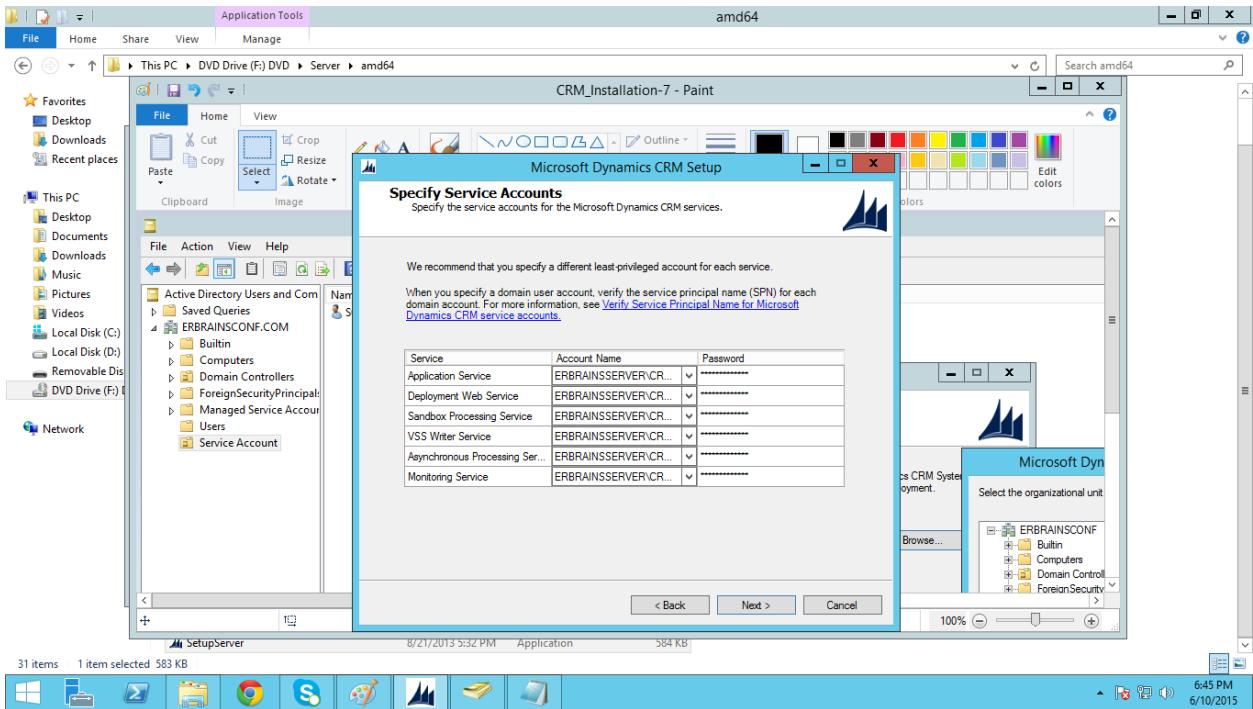
## Select the Organizational Unit

On the Select the Organizational Unit page, click Browse to display your Active Directory structure. Select the location where you want the Microsoft Dynamics CRM organizational unit to be installed into, click OK, and then click Next.



## Specify Service Accounts

Set Account name and Password

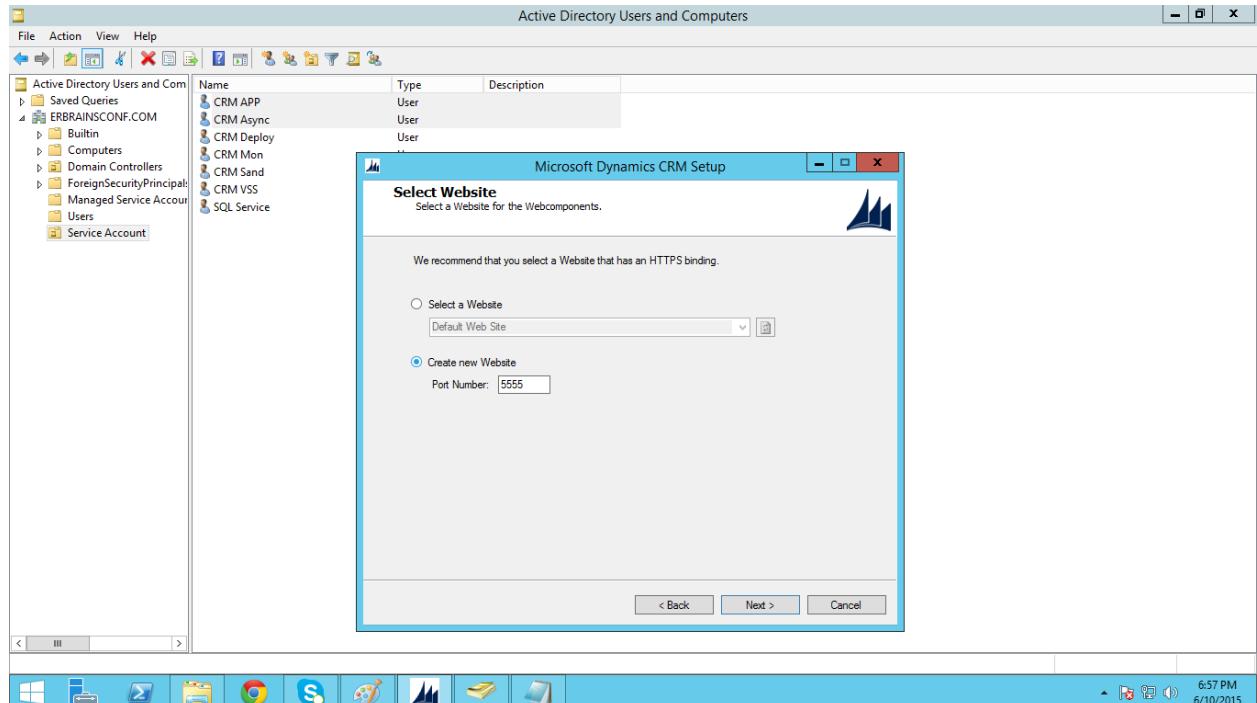


## Select a Web Site

On the Select a Web Site page, click Create a new Web site or click Select a Web Site and select a website from the list. By default, Setup will use the default website. Here Create a new Website with port no 5555 and click next.

**Port Number:** Type the TCP port number that Microsoft Dynamics CRM clients will use to connect to the Microsoft Dynamics CRM Server 2013. The default port number is 5555.

Click Next



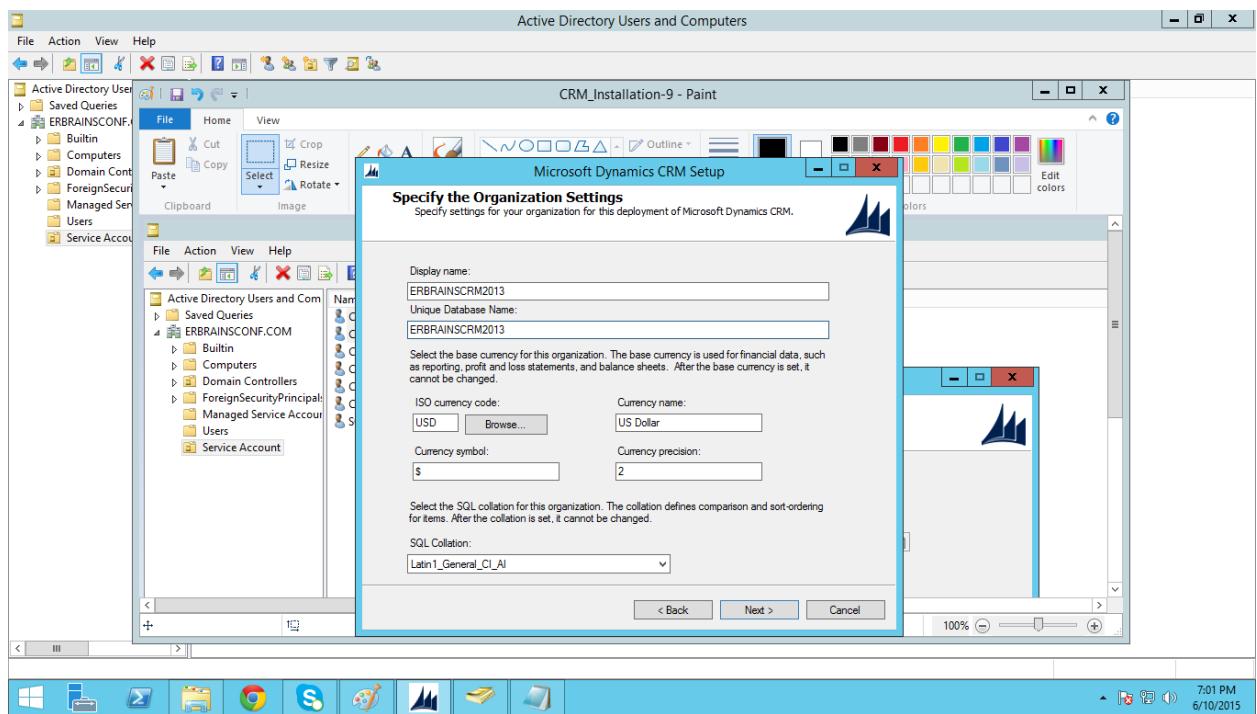
## Specify E-mail Router Settings

On the **Specify E-mail Router Settings** page, in the **E-mail Router server name** box, type the name of the computer where the Email Router will be installed.

This computer will route Microsoft Dynamics CRM email messages. If you will not install the Email Router you can leave this box blank

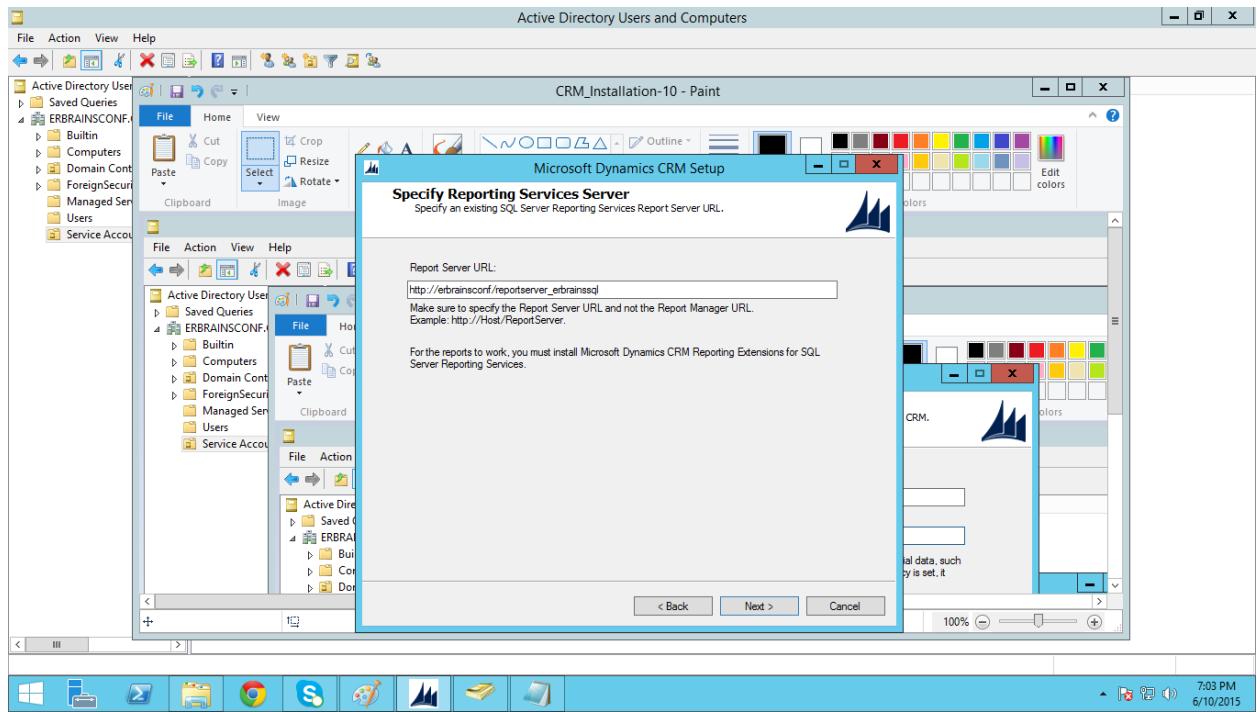
## Specify the Organization Settings

- In the **Display Name** box, type the name of your organization.
- Change the Currency code as you can see in the picture below.



## Specify Reporting Services Server

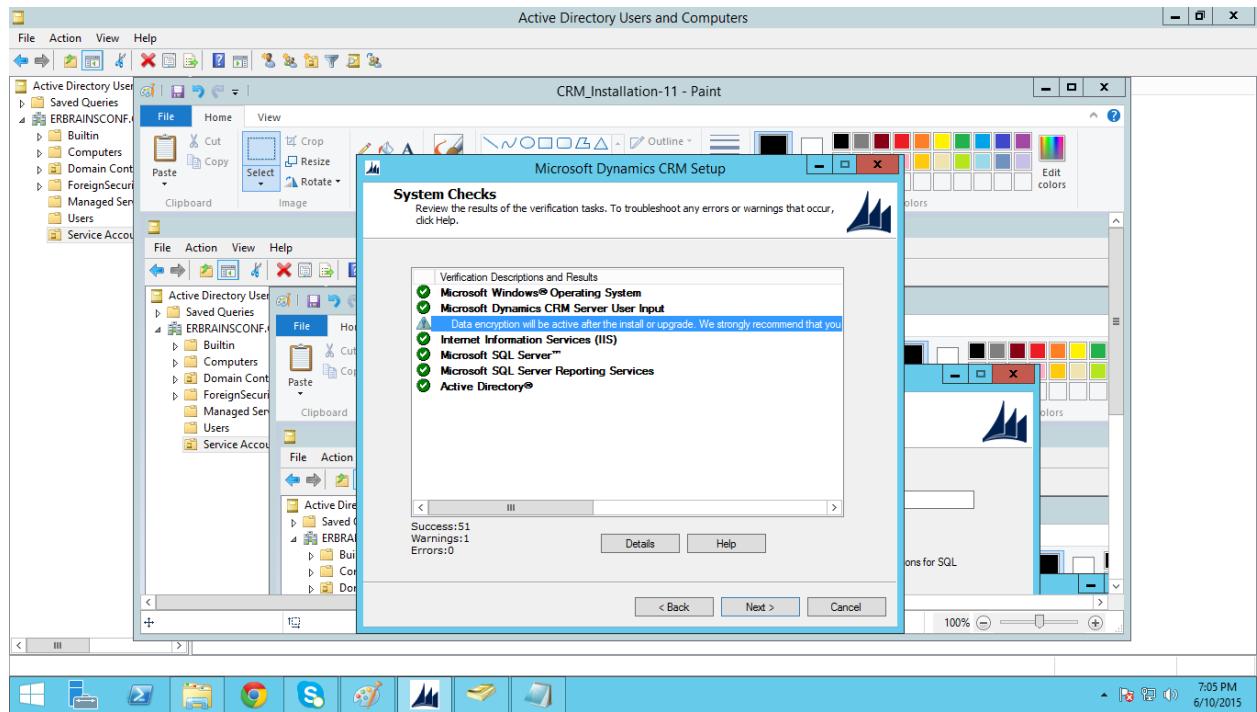
To verify that you are using the correct URL, in a browser, type the Report Server URL as the address Click Next.



In Microsoft update preference select Don't want to use Microsoft update and click Next.

## System Checks

This page is a summary of all requirements and recommendations for a successful installation. Check for error and resolve it.



## Ready to Install Microsoft Dynamics CRM

Once the installation is successful you can launch the Reporting Extensions setup.

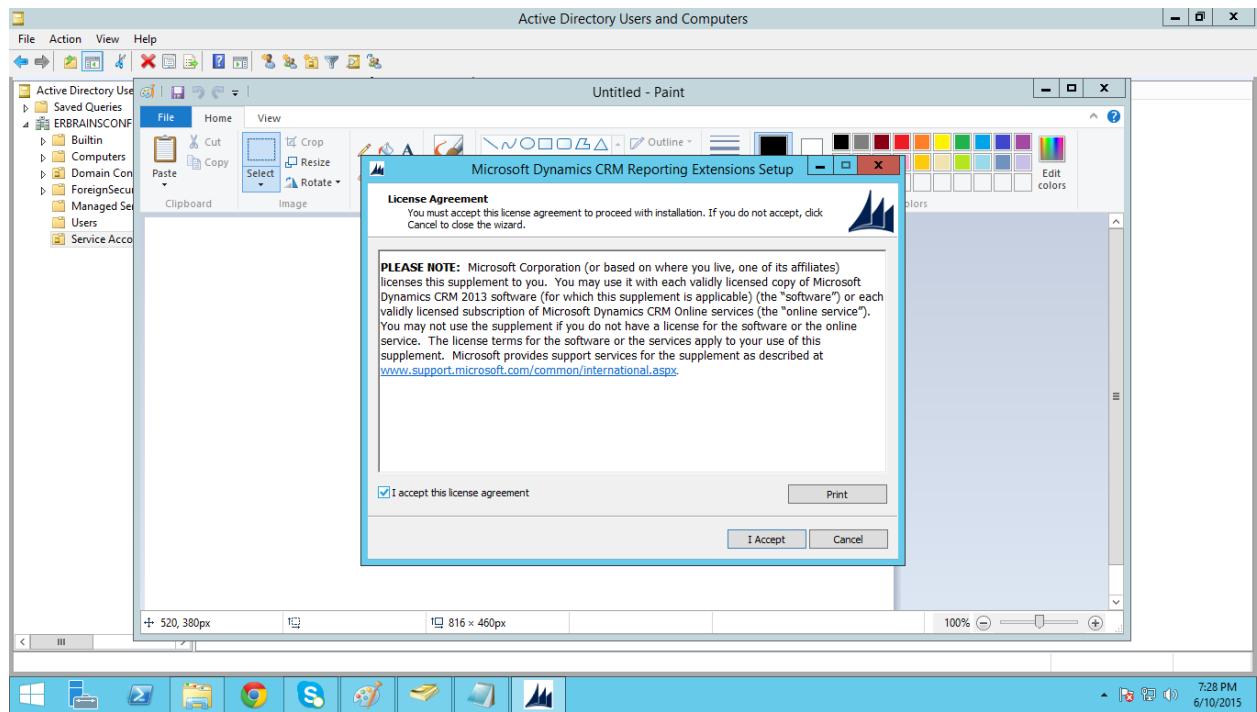
# Install Microsoft Dynamics CRM 2013 Reporting Extensions

You must complete Microsoft Dynamics CRM Server Setup before you run CRM Reporting Extensions Setup.

You must run Microsoft Dynamics CRM Reporting Extensions Setup on a computer that has a supported version of Microsoft SQL Server Reporting Services installed<sup>1</sup>

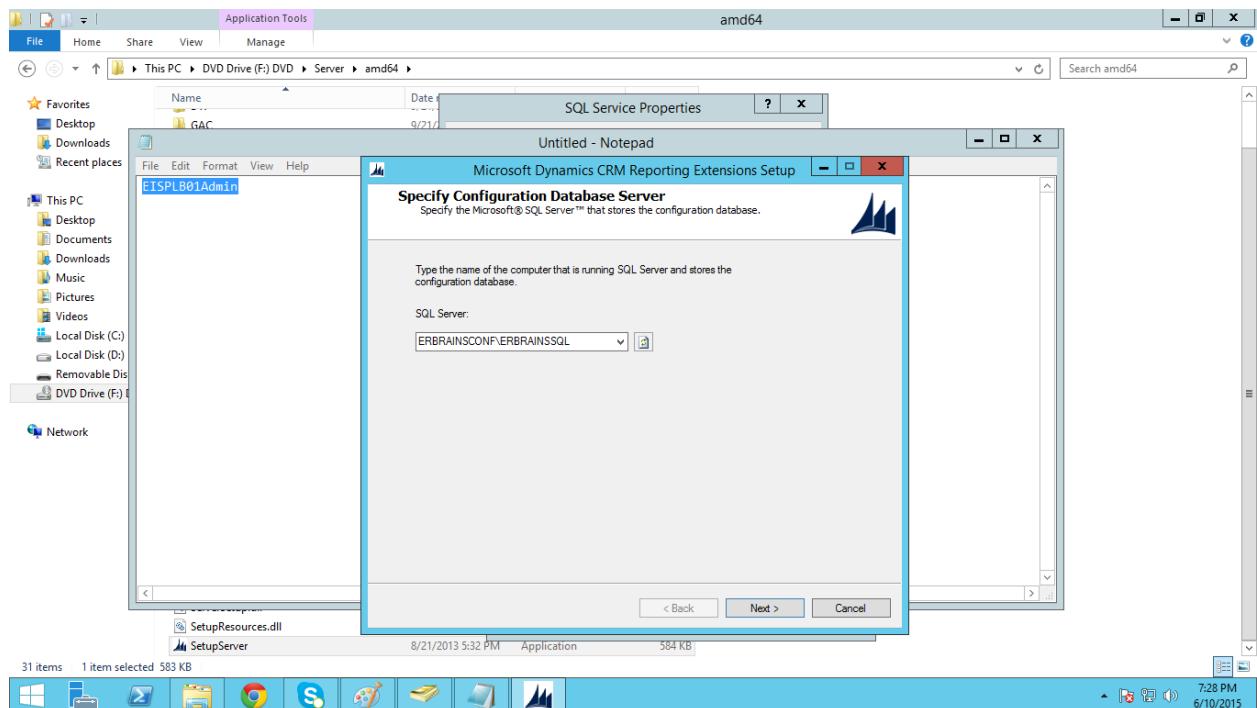
## License Agreement

Review the information and, if you accept the license agreement, click **I accept this license agreement**, and then click **I Accept**.



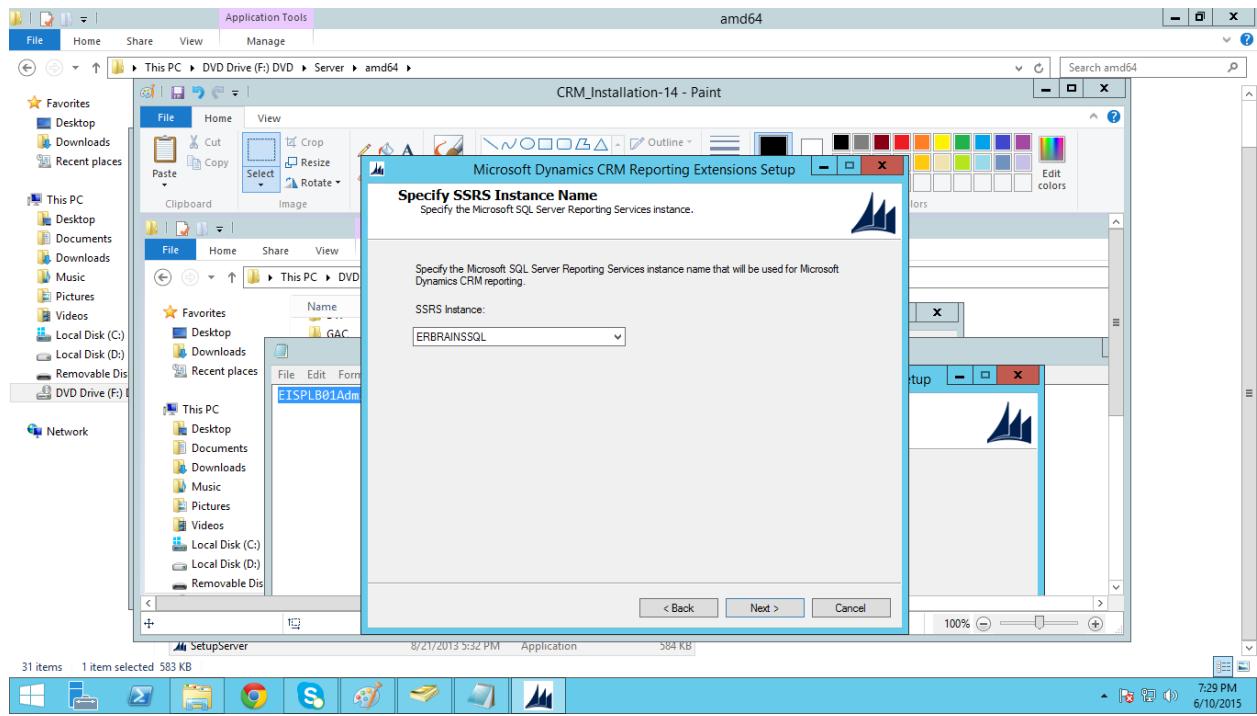
## Specify Configuration Database Server

If you are using the default instance of the SQL Server, enter the name of the computer that is running SQL Server and contains the Microsoft Dynamics CRM configuration database that is named MSCRM\_CONFIG, and then click **Next**.



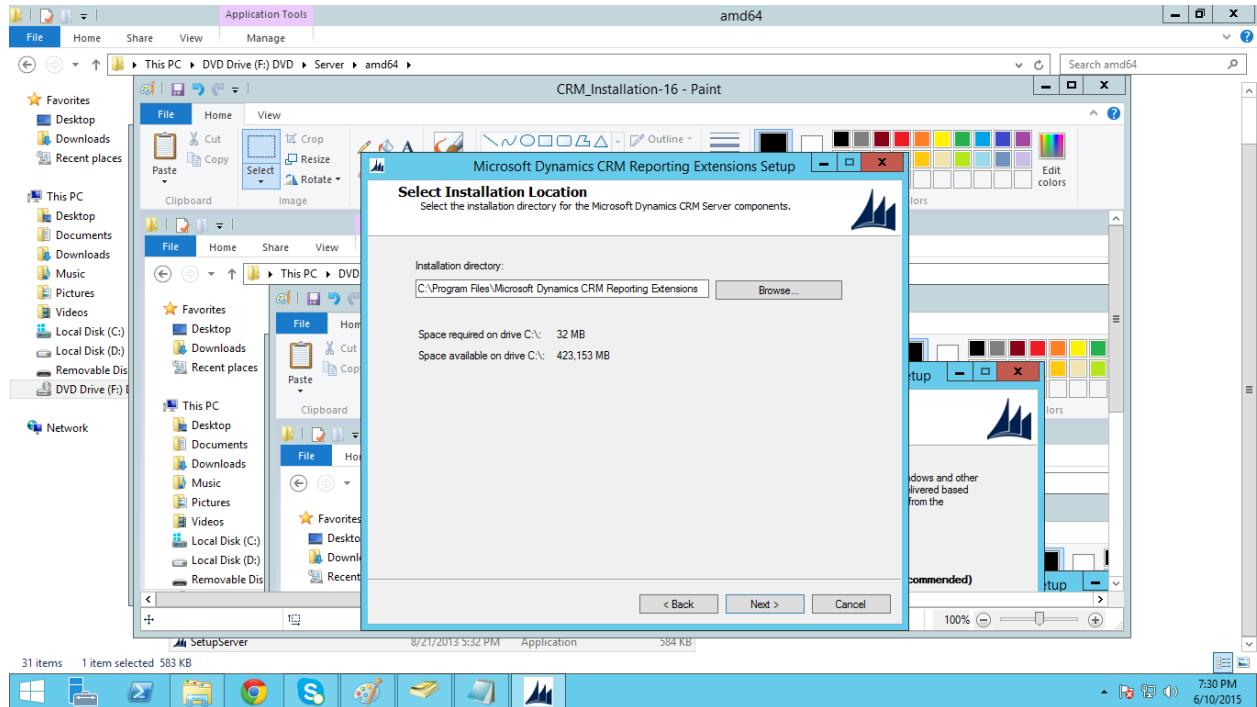
## Specify SSRS Instance Name

Select a Microsoft SQL Server Reporting Services instance that will be used for Microsoft Dynamics CRM reporting, and then click **Next**.



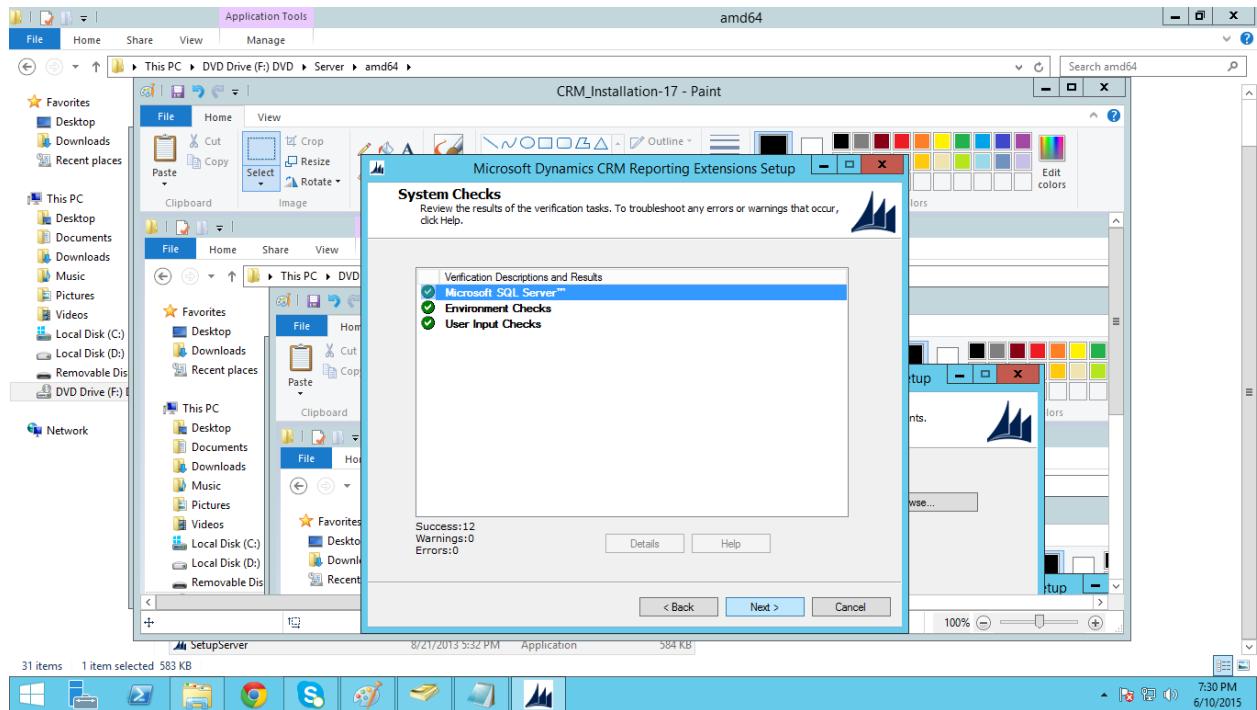
## Select Installation Location

Click **Browse**, and select a path where you want to install CRM Reporting Extensions, and then click **Next**.



## System Checks

This page is a summary of the requirements for a successful CRM Reporting Extensions installation.



## Ready to install Microsoft Dynamics CRM Reporting Extensions

Review this page, and then click **Back** to correct any errors. When you are ready to continue, click **Install**.

## Microsoft Dynamics CRM Reporting Extensions Setup Completed



