

MICROSOFT SQL 2016 INSTALLATION

Created by Harvansh Singh

Website: - <https://social.technet.microsoft.com/Profile/harvansh%20singh>

# Installing Microsoft SQL Server 2016

*By Harvansh Singh*

Thanks,  
Harvansh Singh  
Technical Lead at Happiest Minds  
Date Created: - 6<sup>th</sup> September 2016

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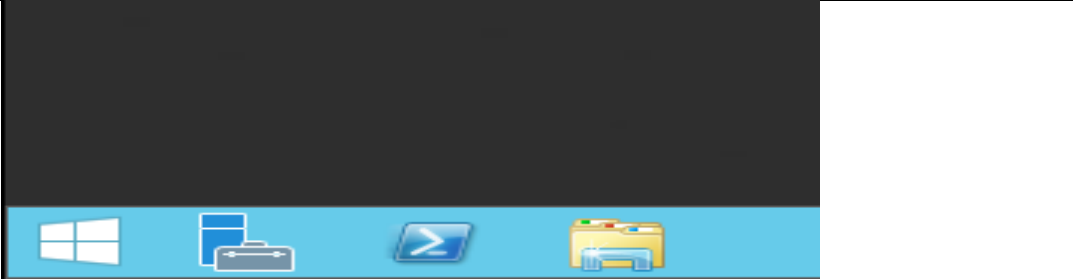
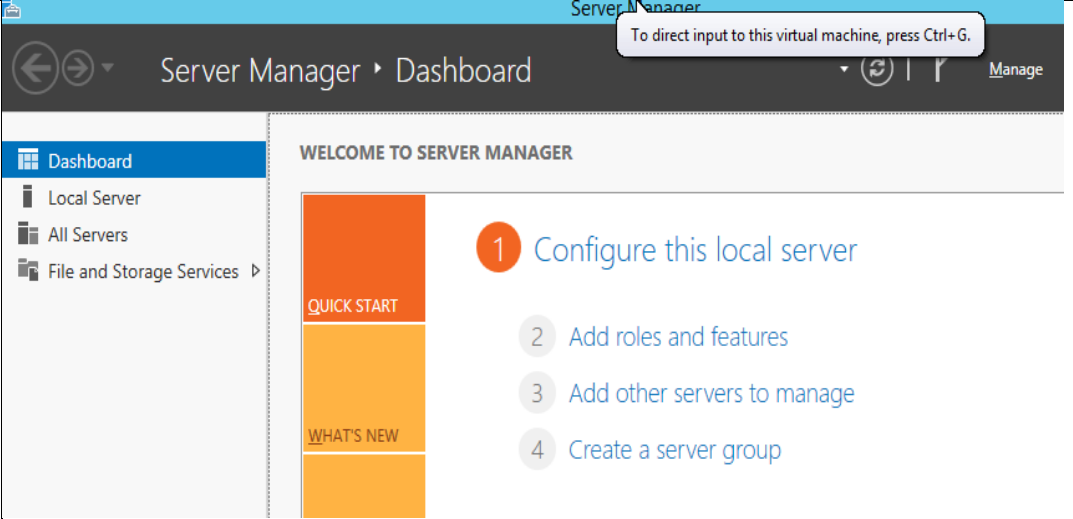
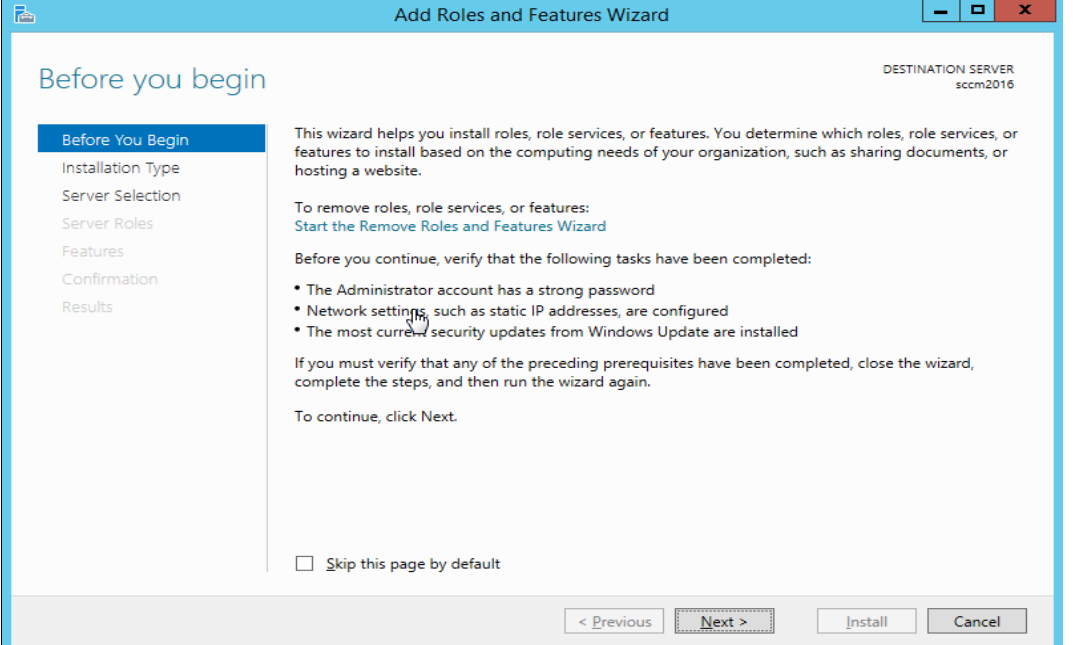
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## Install Pre-requisites

1. Launch Server Manager	
2. Click on Add Roles and features.	
3. Click <b>Next</b> .	

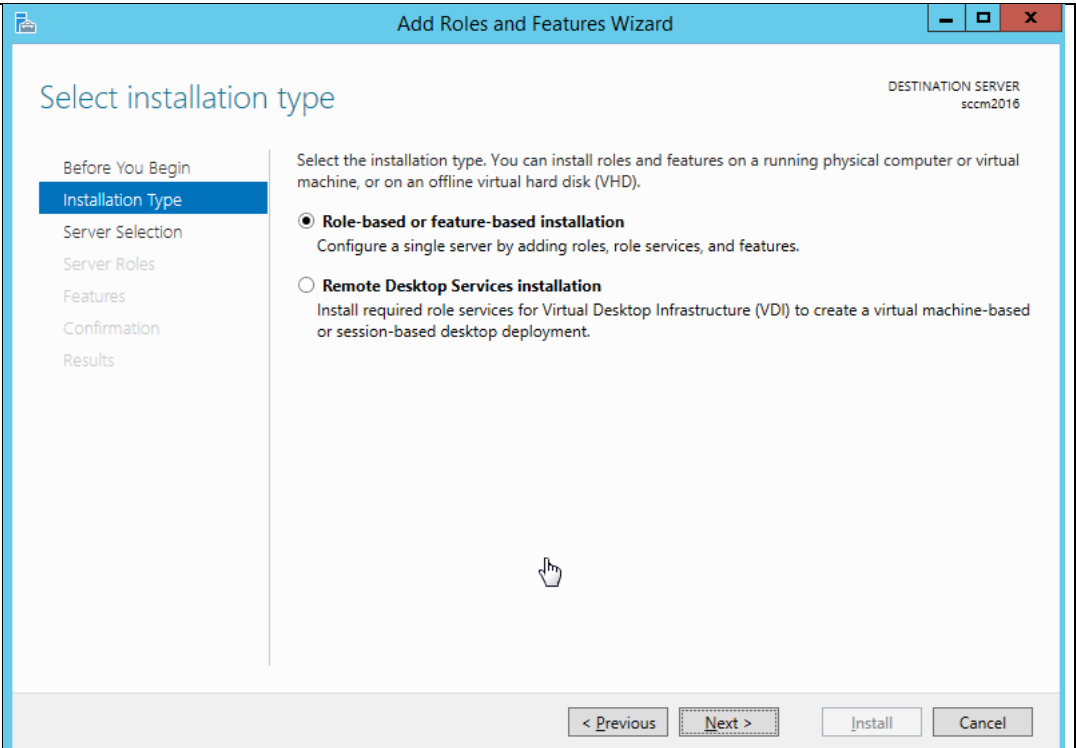
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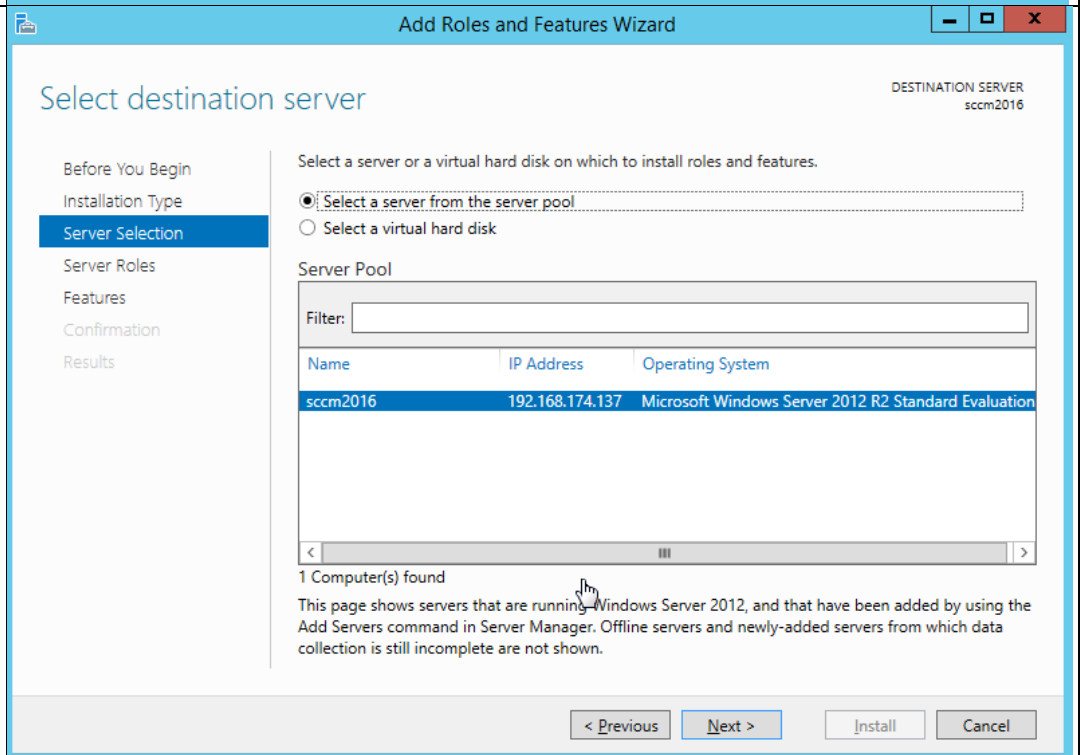
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4. Ensure Role-based selected and click Next



5. Ensure that the central admin site server is selected and click Next



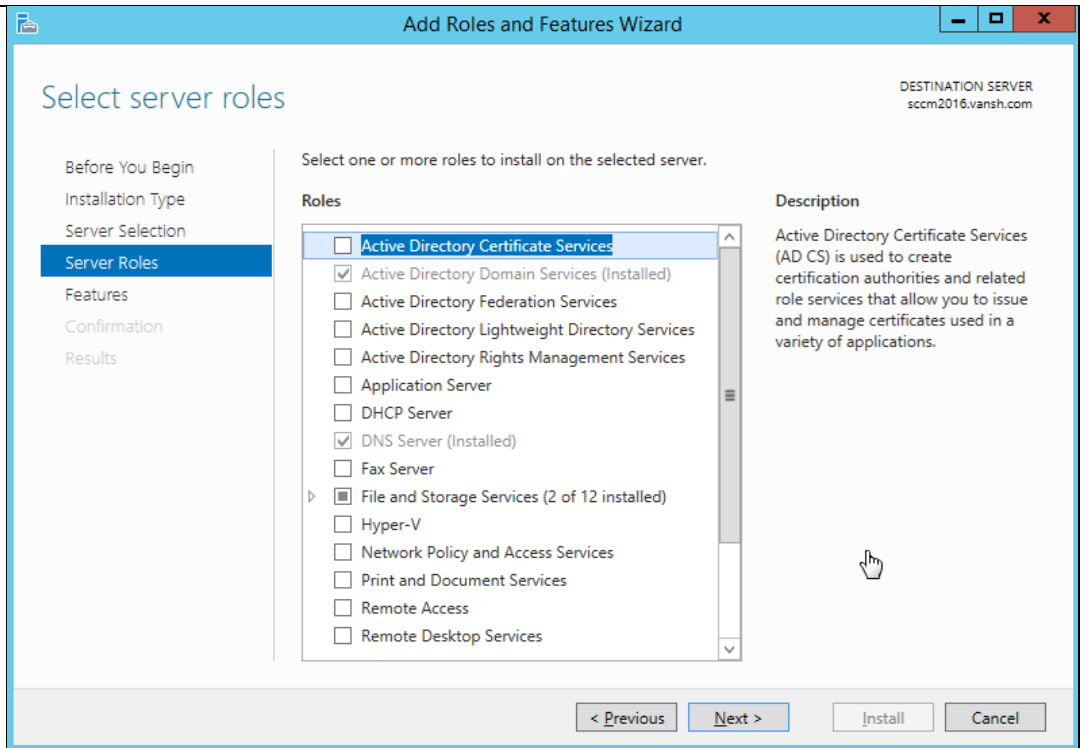
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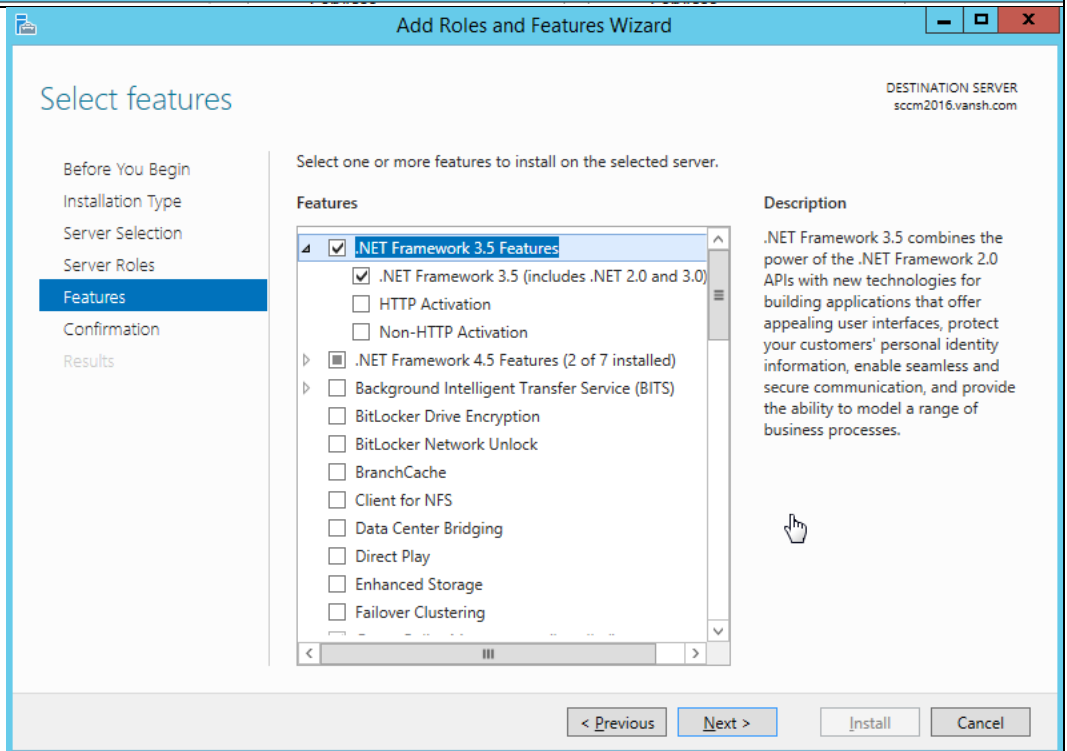
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6. On Server roles, click Next



7. On features check .NET framework 3.5 and Remote Differential Compression and click Next/Install –

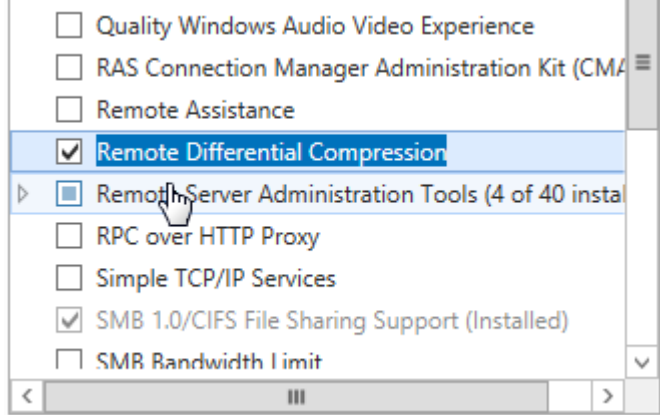
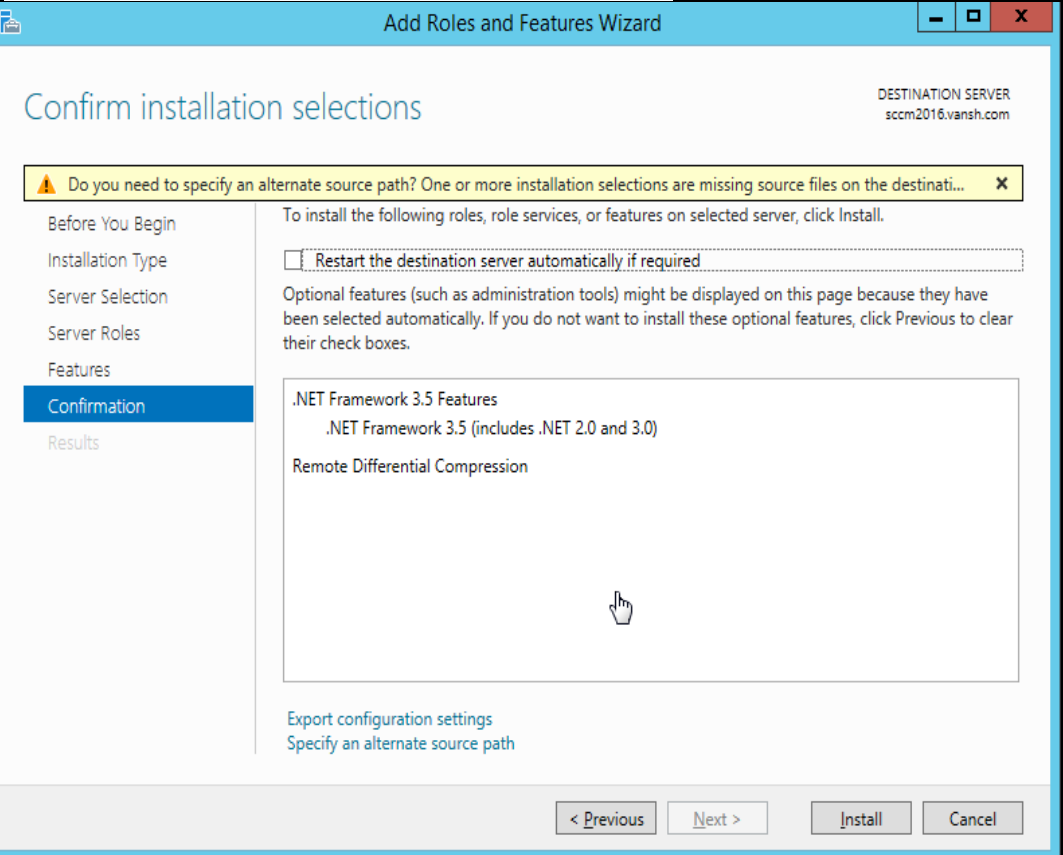


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8. Click Install	

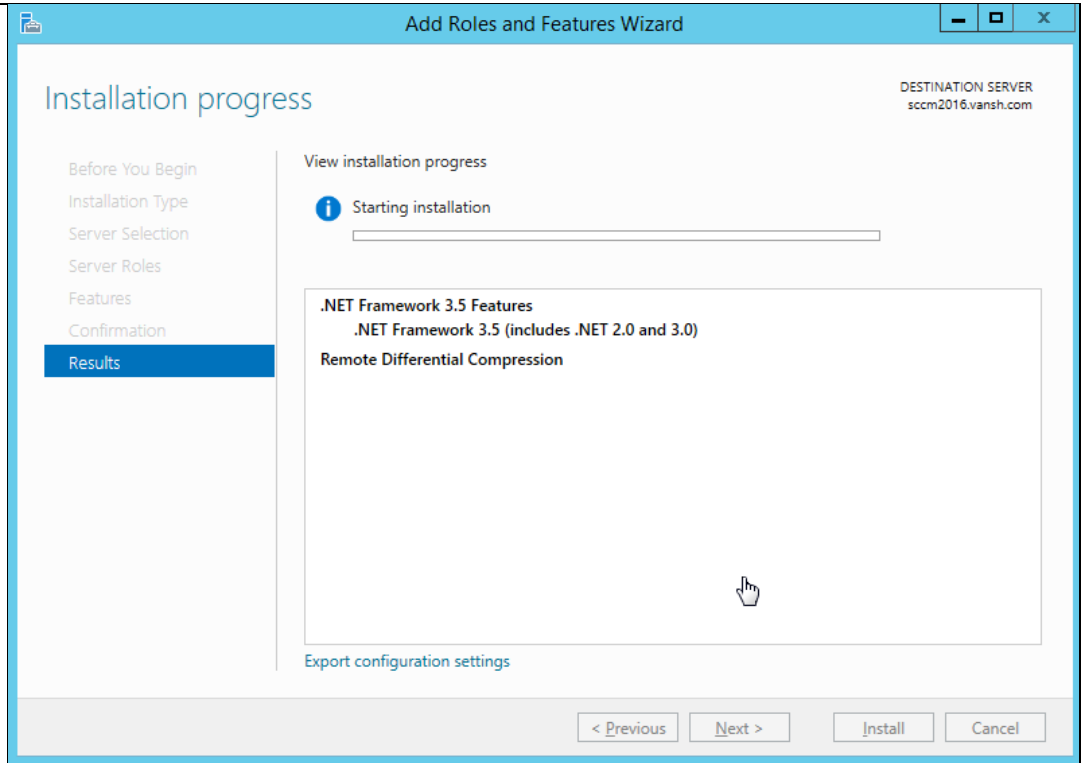
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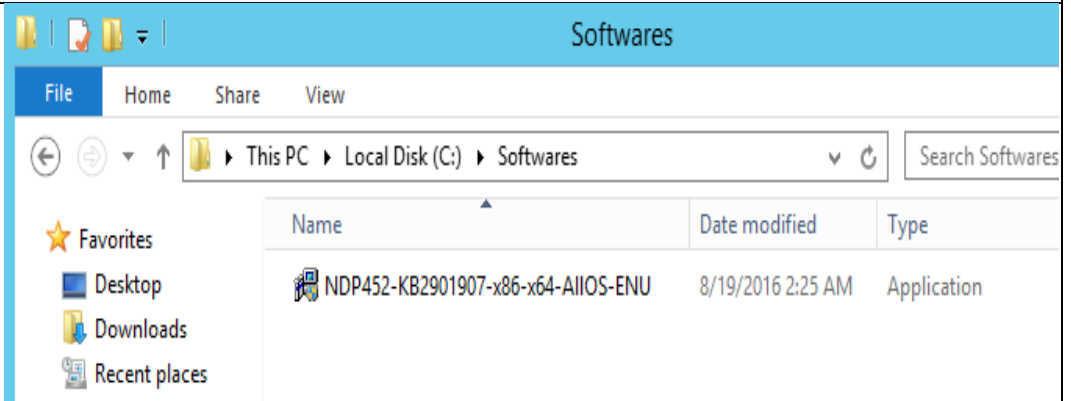
9. Ensure the installation was successful.



### Install .Net 4.5.2

10. Find NDP452-KB2901907-x86-x64-AILOS-ENU.exe and open it.

11. Double click on NDP452-KB2901907-x86-x64-AILOS-ENU.exe to launch the console.



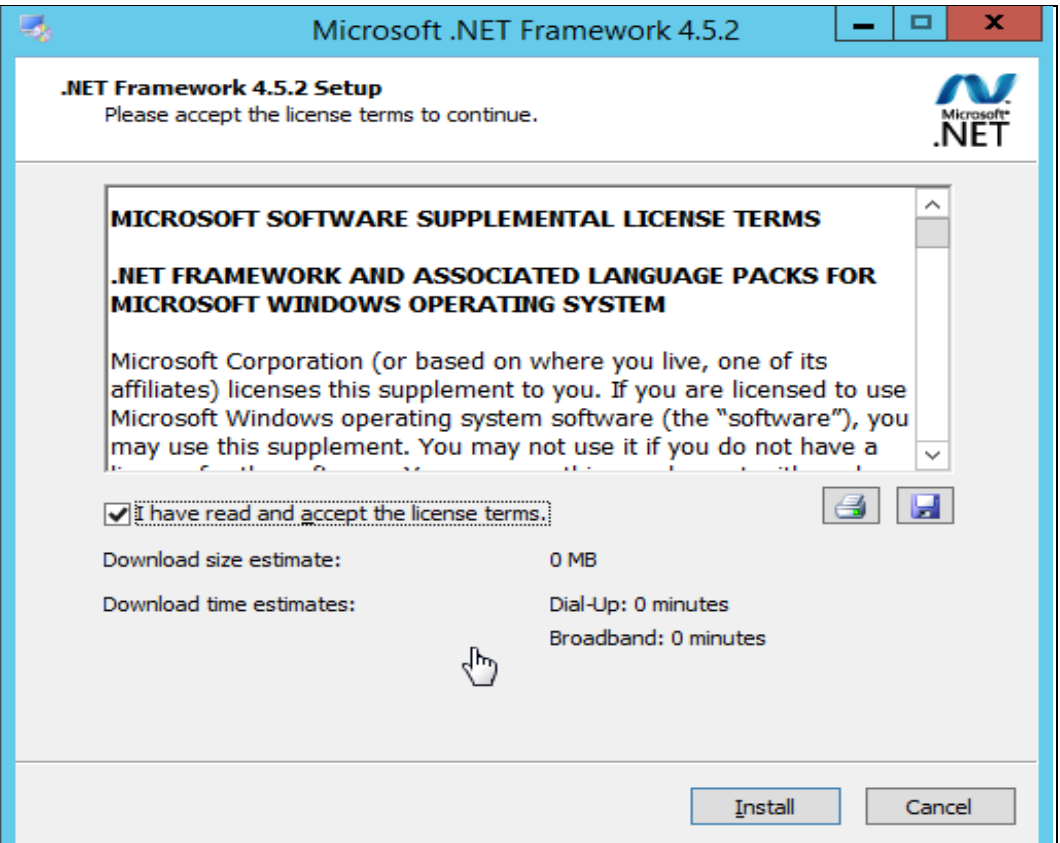
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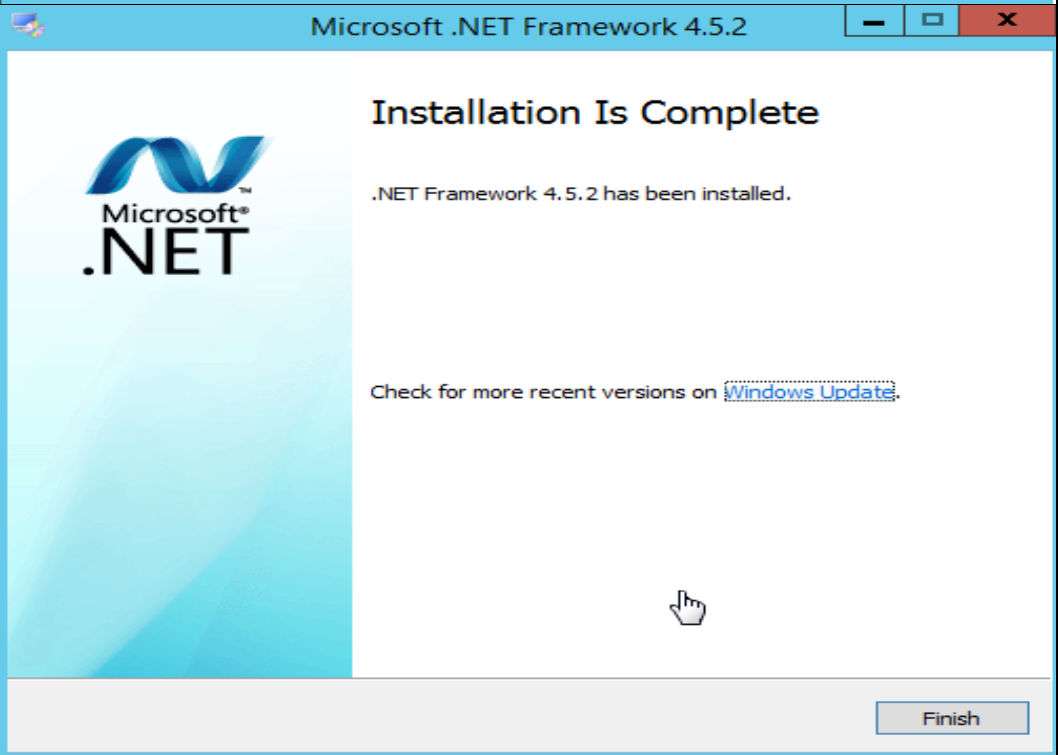
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12. Mark the checkbox and click Install.



13. Click Finish.



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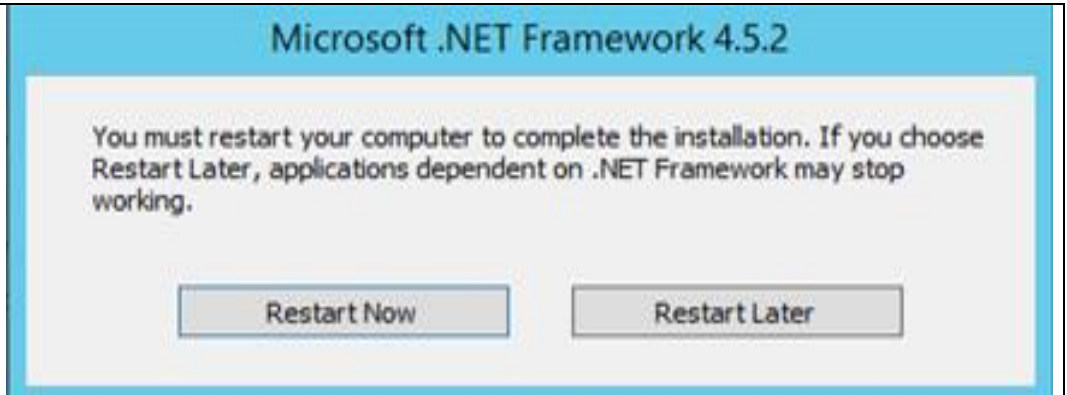


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14. Restart the Server.

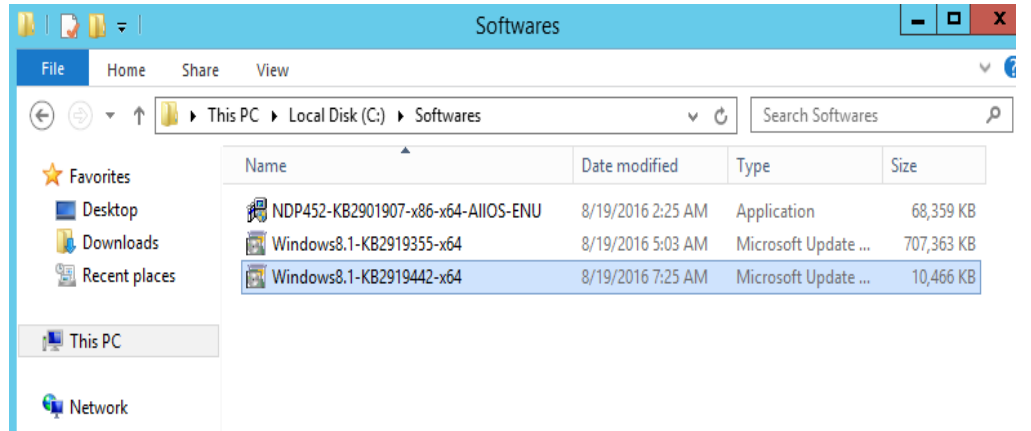


### Installing KB2919442-x64

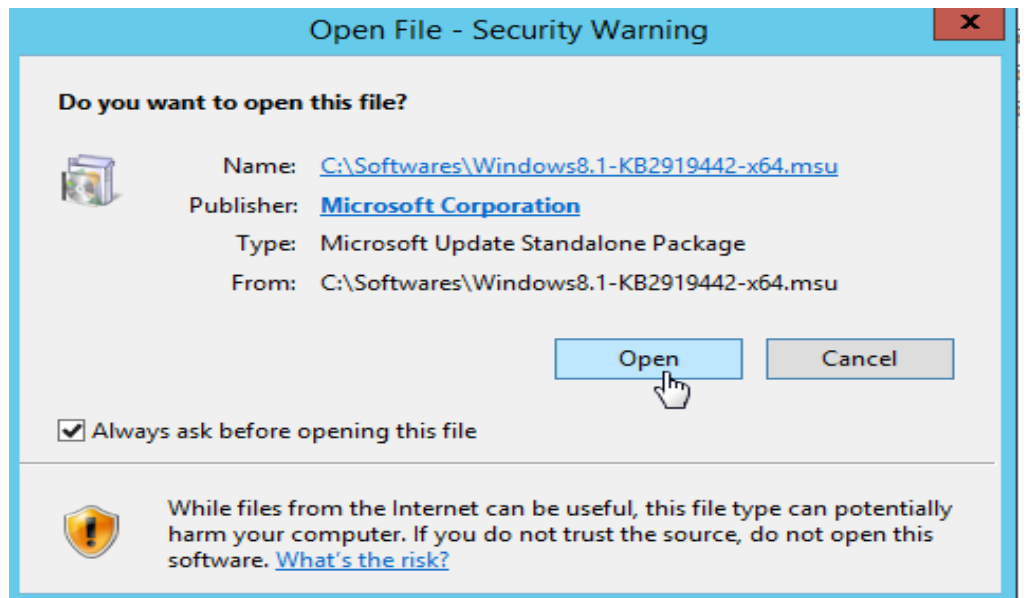
Double click on KB2919442-x64 to launch the console.

Bellow download link.

<https://www.microsoft.com/en-in/download/details.aspx?id=42153>



Click on Open.



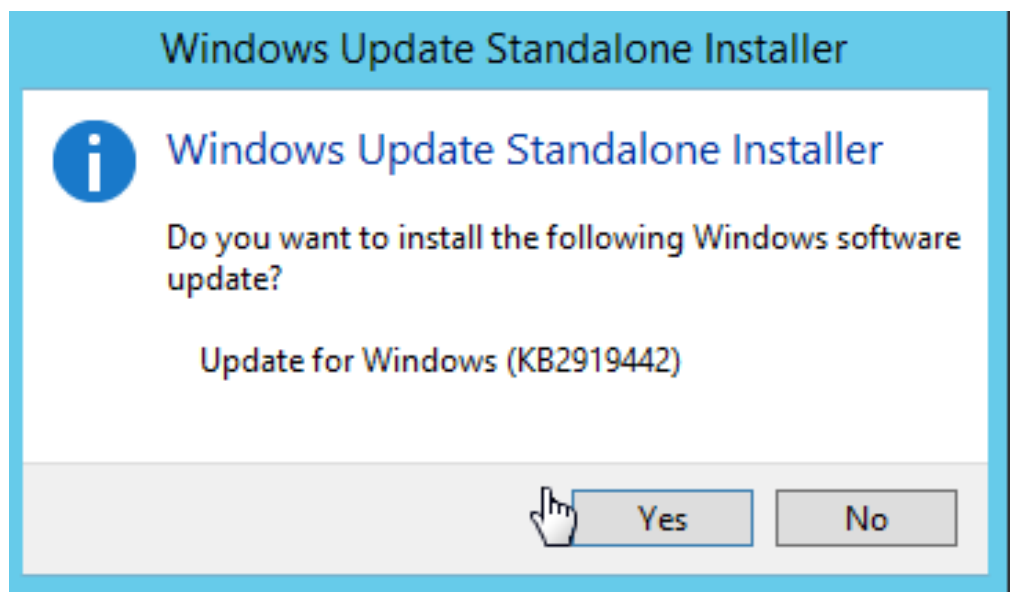
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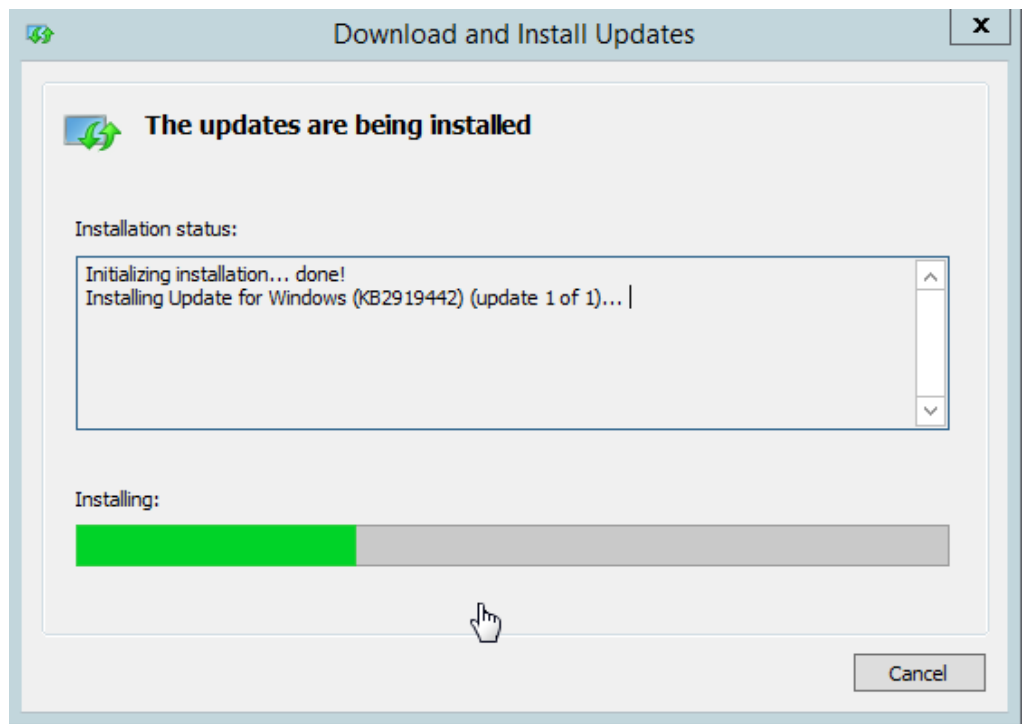
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Click on yes.



Wait few minutes to complete process.



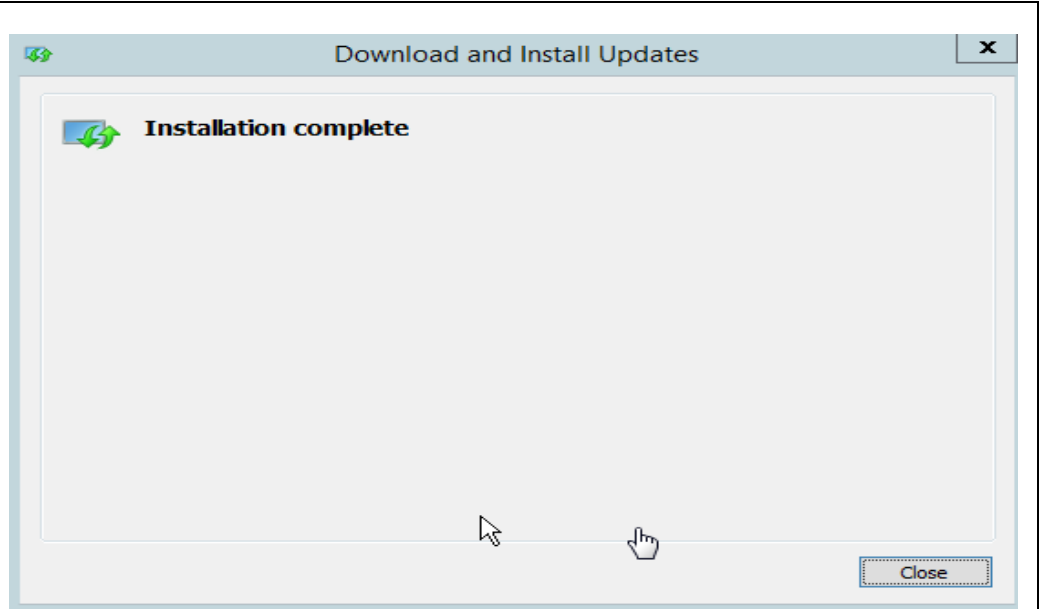
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Click on Close.

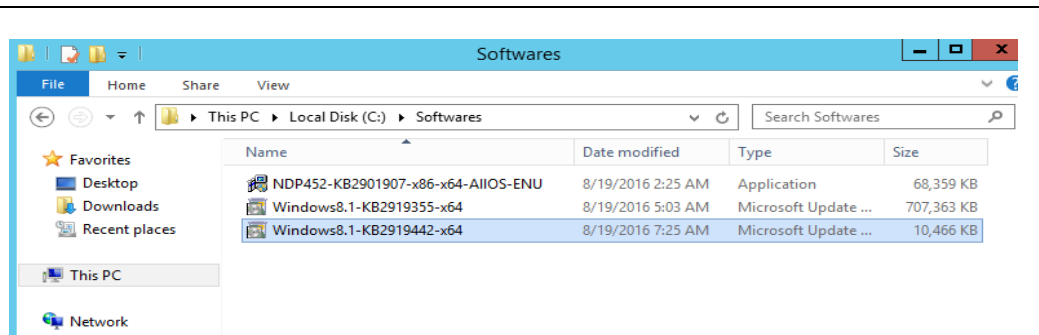


## Installing KB219355-x64

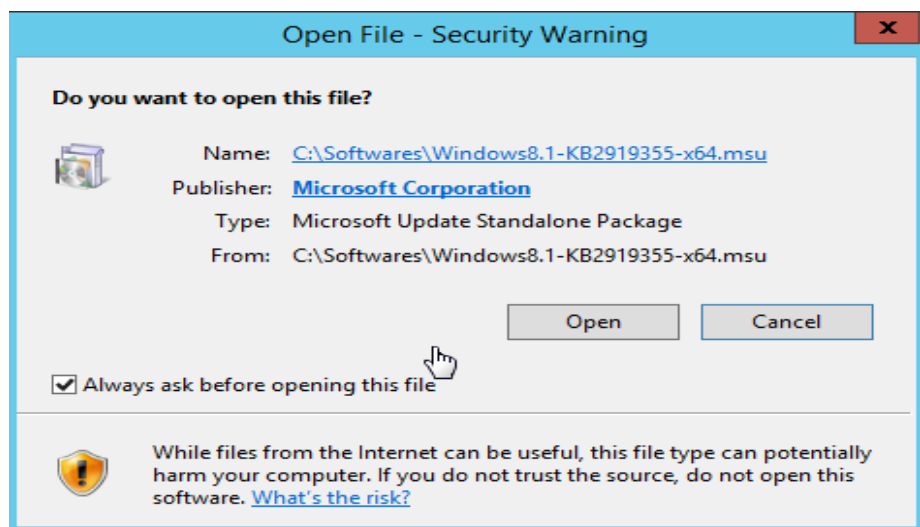
Double click on KB219355-x64 to launch the console.

Below is download link.

<https://www.microsoft.com/en-in/download/details.aspx?id=42334>



Click on open.



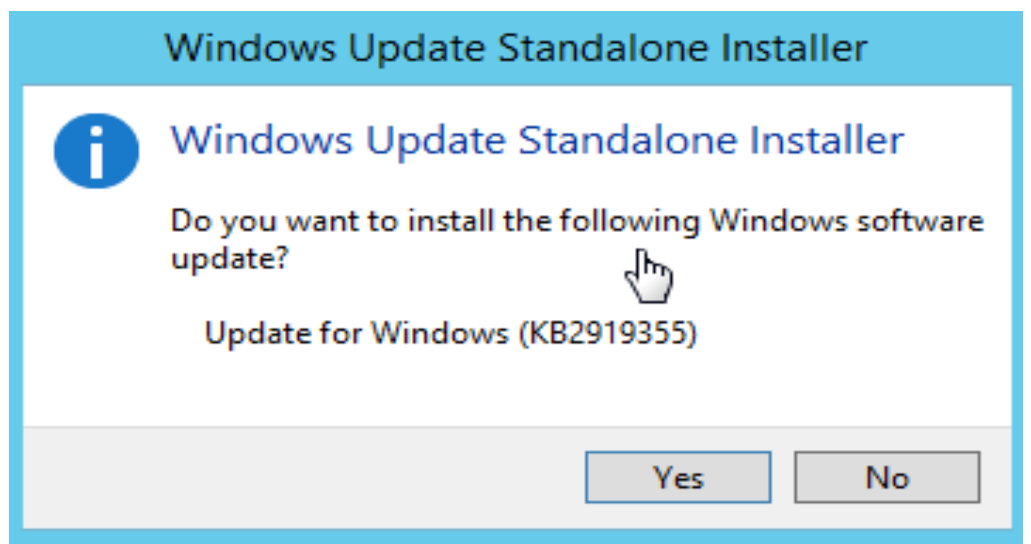
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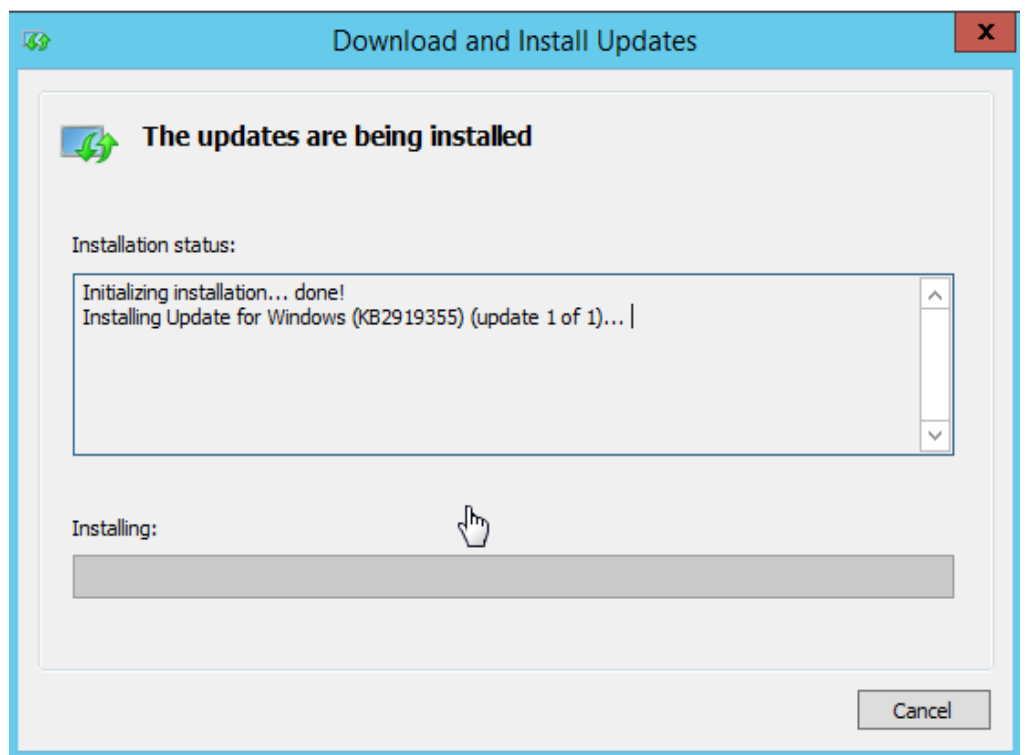
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Click on Yes.



Wait few minutes to complete process.



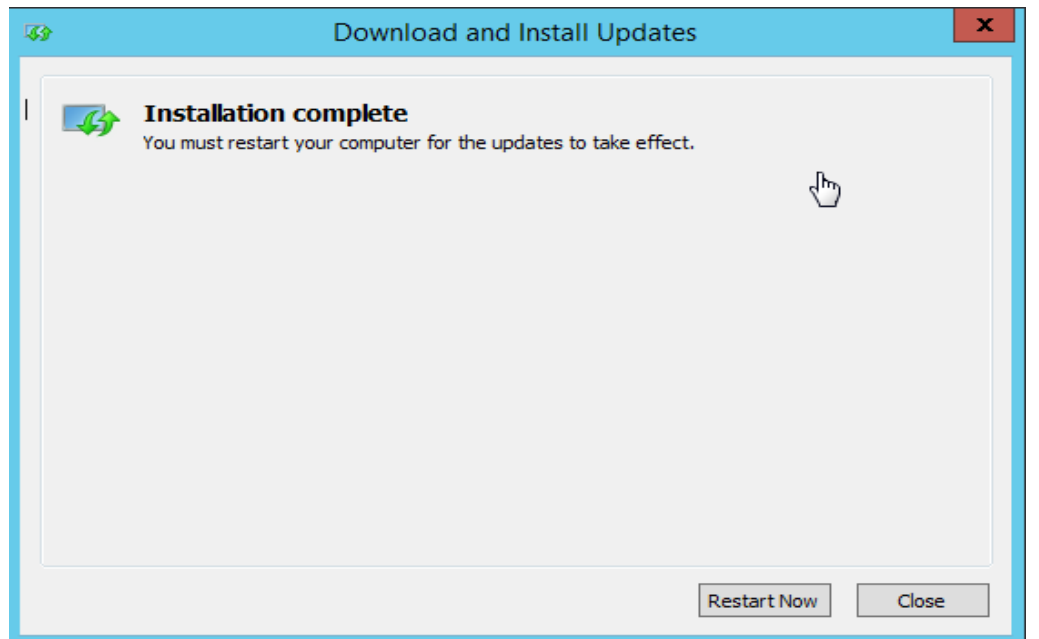
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Click on Restart Now to restart Server.

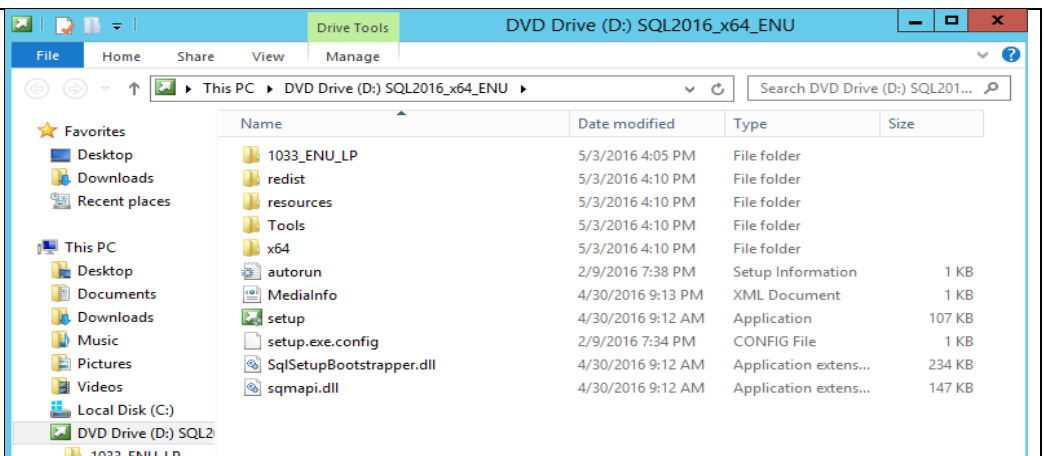


## Installation SQL Server 2016

Open the SQL 2012 Setup Folder.

Below is download link.

<https://download.microsoft.com/download/E/1/2/E12B3655-D817-49BA-B934-CEB9DAC0BAF3/SQLServer2016-x64-ENU.iso>



1. Copy the SQL server 2012 setup to any Drive then run it.

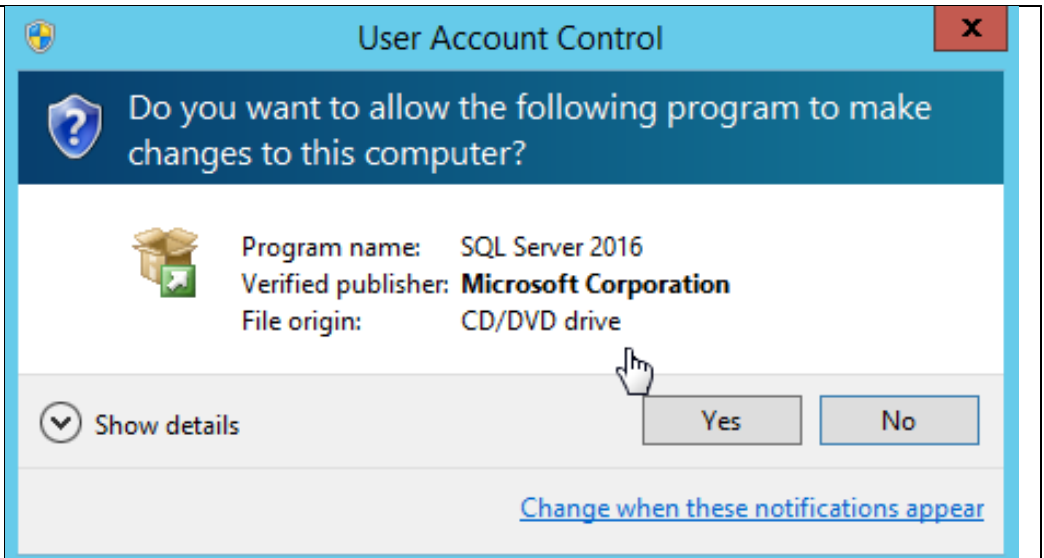
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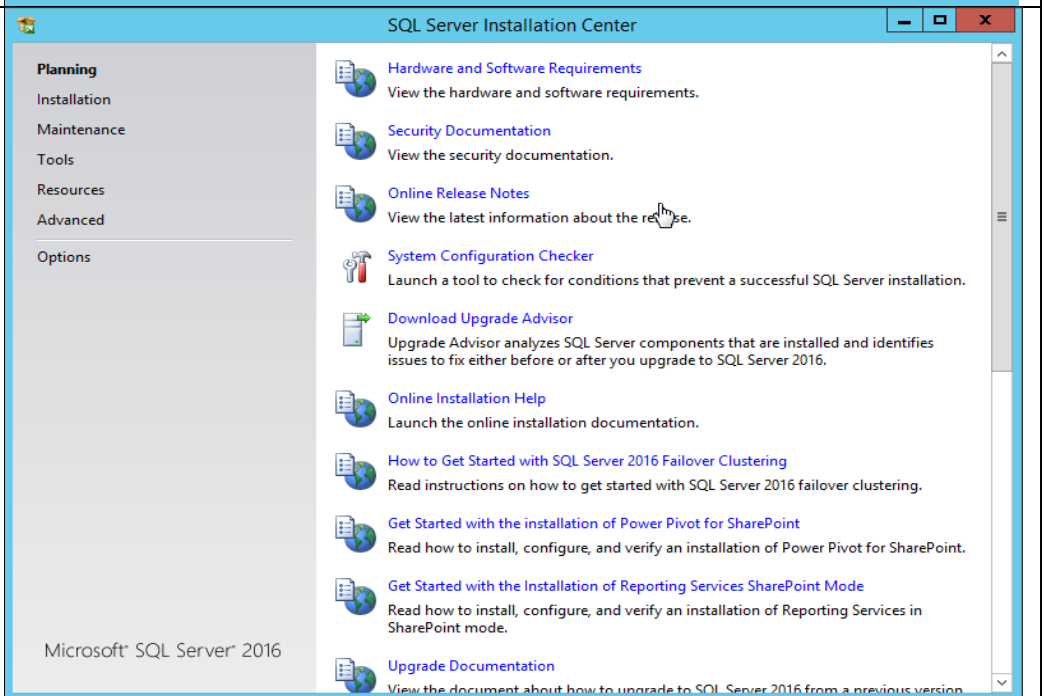
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2. Click on Yes.



3. Within SQL Server Installation Center, select Installation on the left.

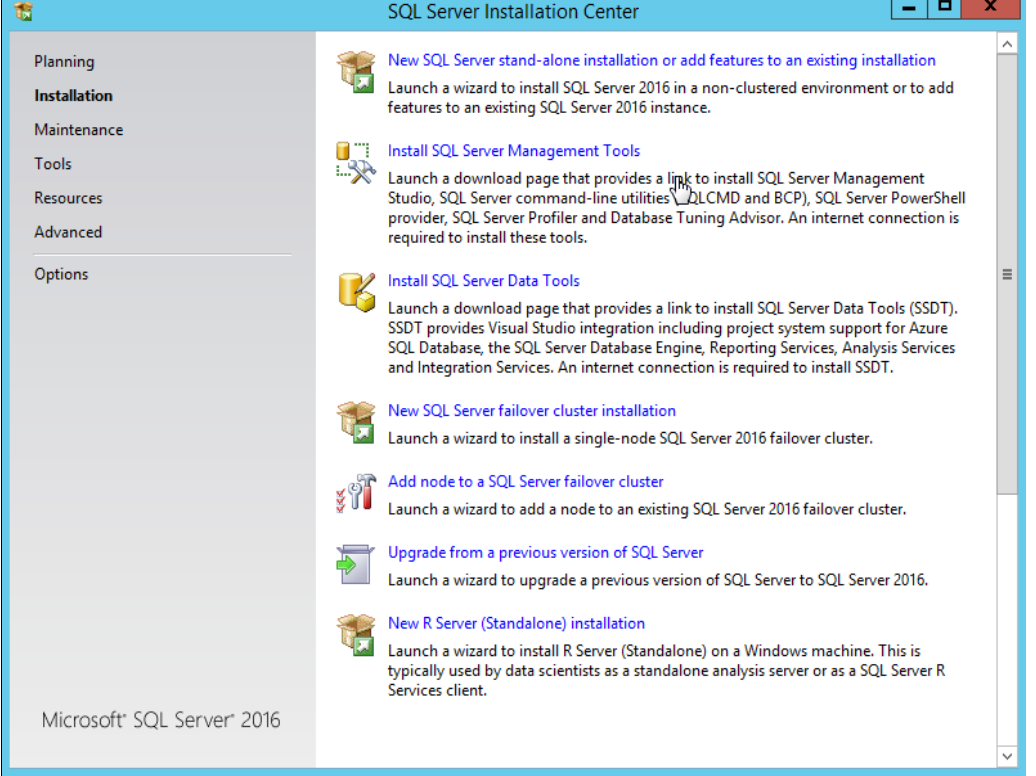
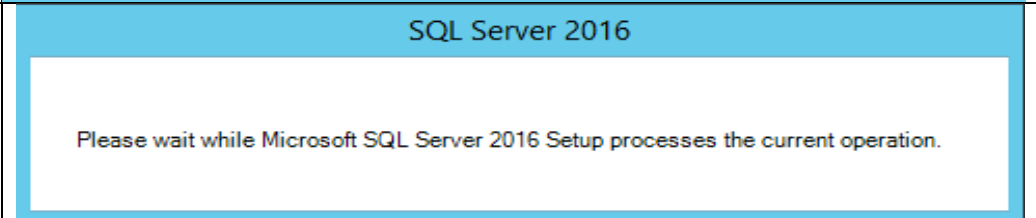
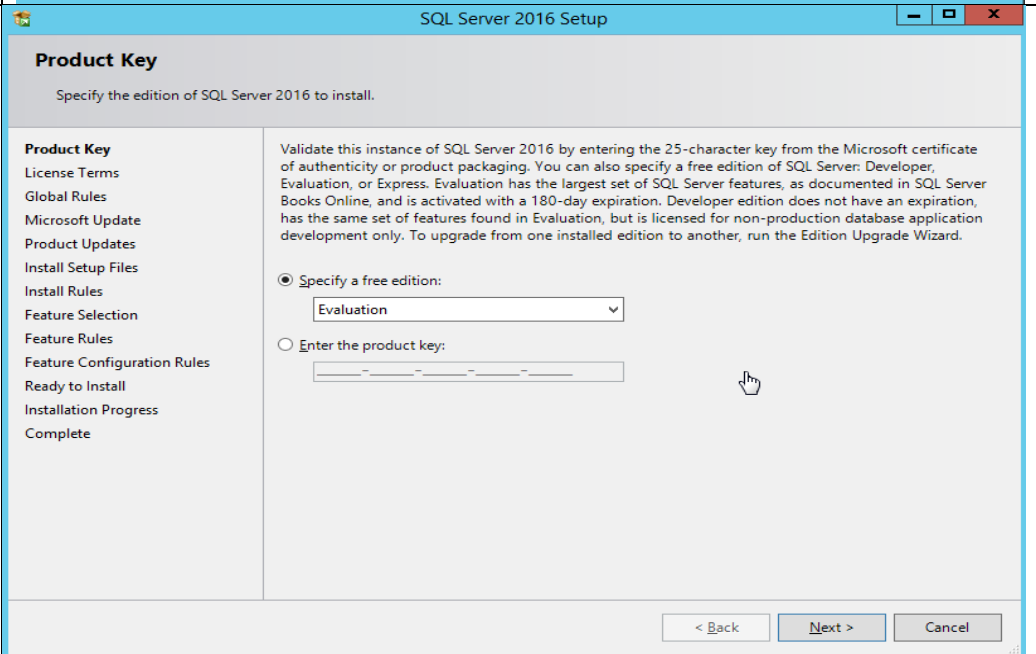


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<p>4. Select New SQL Server stand-alone installation</p>	 <p>The screenshot shows the SQL Server Installation Center window. On the left is a navigation pane with categories: Planning, Installation (selected), Maintenance, Tools, Resources, Advanced, and Options. The main area lists several installation options with icons and descriptions:</p> <ul style="list-style-type: none"><li><b>New SQL Server stand-alone installation or add features to an existing installation</b>: Launch a wizard to install SQL Server 2016 in a non-clustered environment or to add features to an existing SQL Server 2016 instance.</li><li><b>Install SQL Server Management Tools</b>: Launch a download page that provides a link to install SQL Server Management Studio, SQL Server command-line utilities (SQLCMD and BCP), SQL Server PowerShell provider, SQL Server Profiler and Database Tuning Advisor. An internet connection is required to install these tools.</li><li><b>Install SQL Server Data Tools</b>: Launch a download page that provides a link to install SQL Server Data Tools (SSDT). SSDT provides Visual Studio integration including project system support for Azure SQL Database, the SQL Server Database Engine, Reporting Services, Analysis Services and Integration Services. An internet connection is required to install SSDT.</li><li><b>New SQL Server failover cluster installation</b>: Launch a wizard to install a single-node SQL Server 2016 failover cluster.</li><li><b>Add node to a SQL Server failover cluster</b>: Launch a wizard to add a node to an existing SQL Server 2016 failover cluster.</li><li><b>Upgrade from a previous version of SQL Server</b>: Launch a wizard to upgrade a previous version of SQL Server to SQL Server 2016.</li><li><b>New R Server (Standalone) installation</b>: Launch a wizard to install R Server (Standalone) on a Windows machine. This is typically used by data scientists as a standalone analysis server or as a SQL Server R Services client.</li></ul> <p>Microsoft SQL Server 2016</p>
<p>5. Wait for complete the process.</p>	 <p>The screenshot shows a progress dialog box titled "SQL Server 2016". The main text reads: "Please wait while Microsoft SQL Server 2016 Setup processes the current operation."</p>
<p>6. Provide the product key if you are in production environment if not select Evaluation.</p>	 <p>The screenshot shows the "Product Key" screen of the SQL Server 2016 Setup. It instructs the user to "Specify the edition of SQL Server 2016 to install." On the left is a list of installation steps: Product Key (selected), License Terms, Global Rules, Microsoft Update, Product Updates, Install Setup Files, Install Rules, Feature Selection, Feature Rules, Feature Configuration Rules, Ready to Install, Installation Progress, and Complete. The main area contains a text box for the product key and two radio buttons:</p> <ul style="list-style-type: none"><li><input checked="" type="radio"/> Specify a free edition: Evaluation (selected in a dropdown menu)</li><li><input type="radio"/> Enter the product key: (with an empty text input field)</li></ul> <p>Buttons at the bottom: &lt; Back, Next &gt;, Cancel</p>

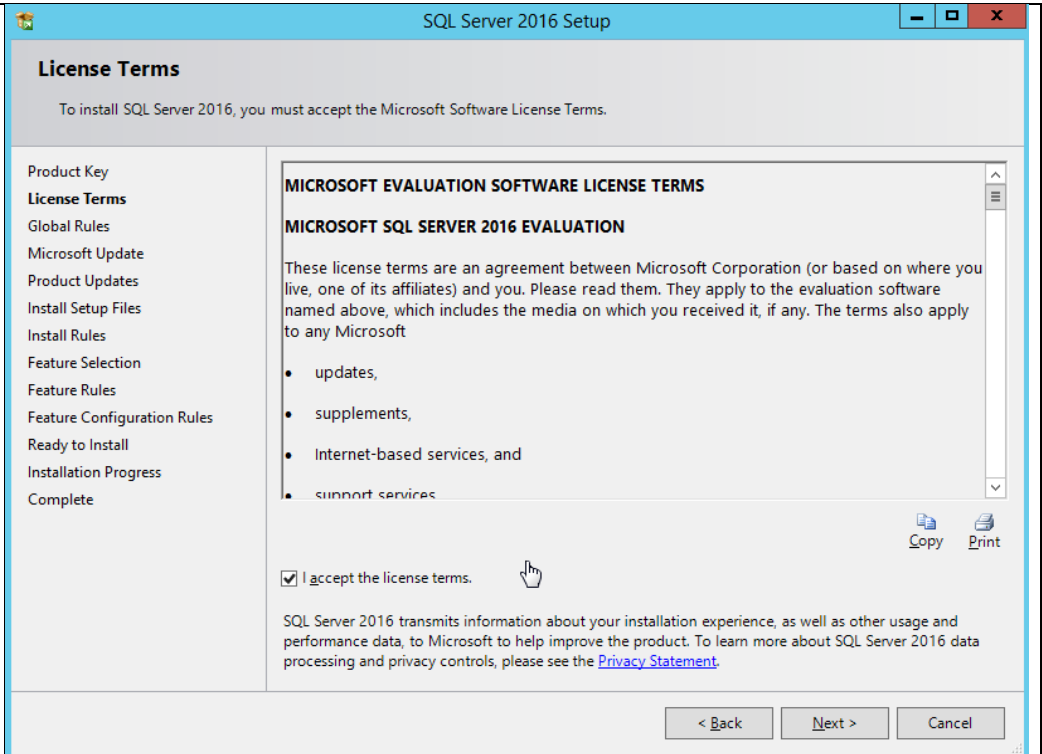
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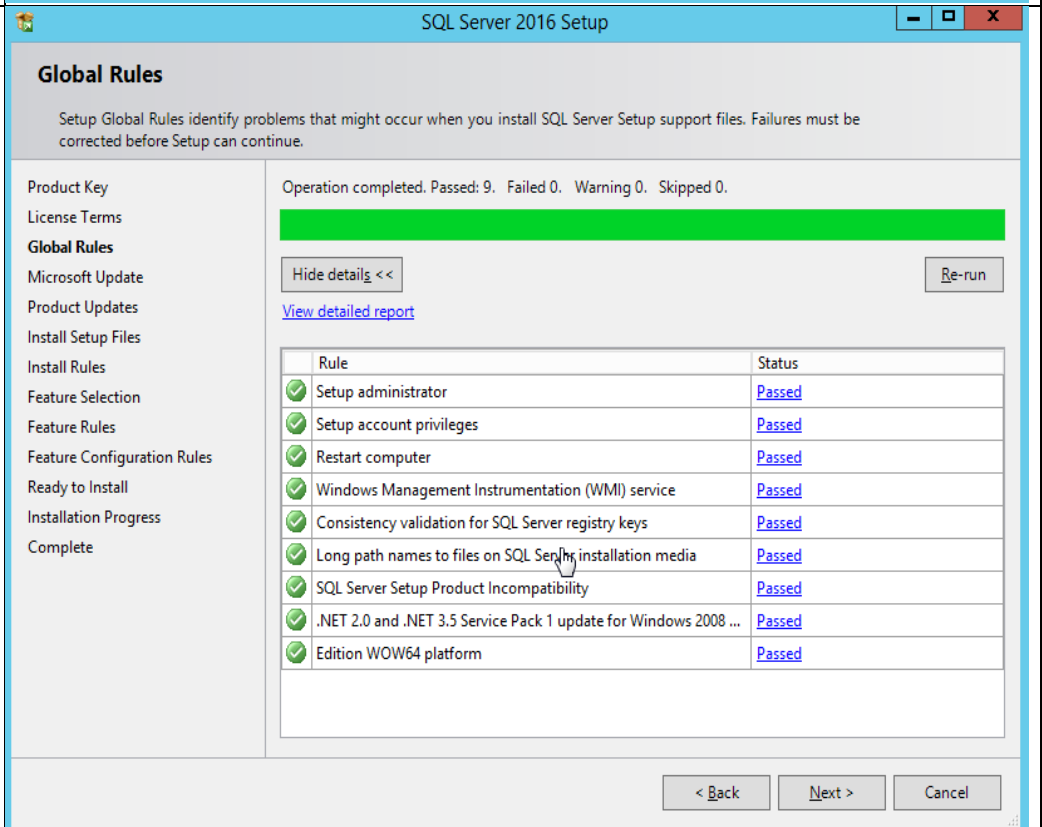
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7. Accept the license terms and click on Next.



Click on Next after verify the pre-requisites.



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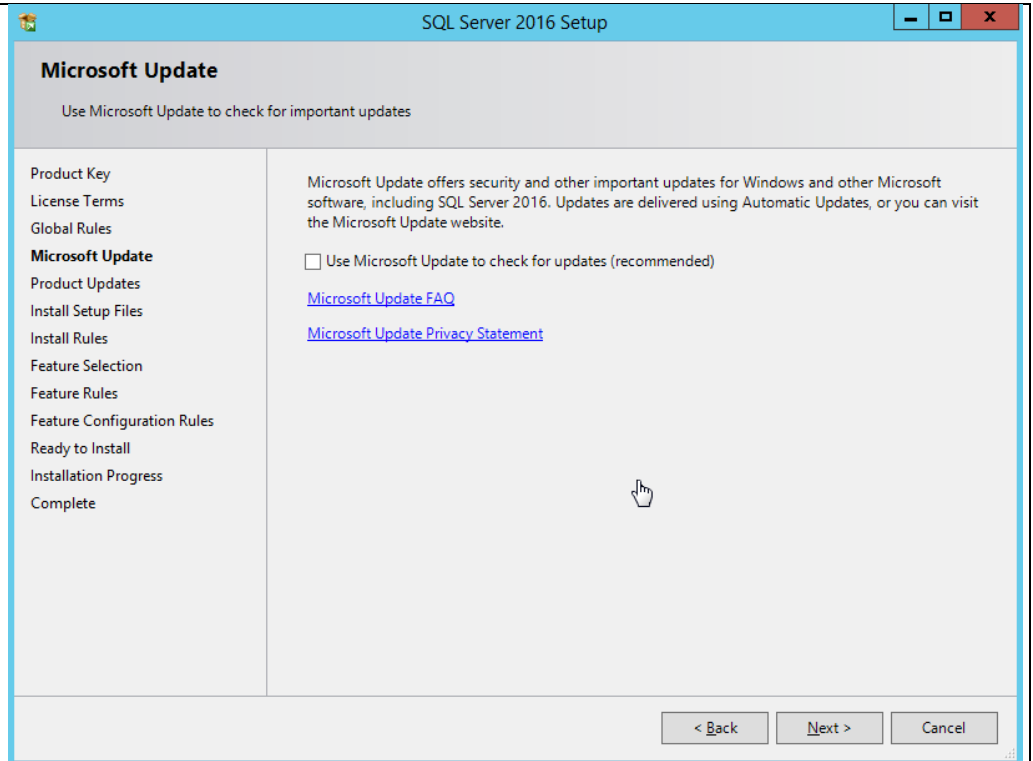


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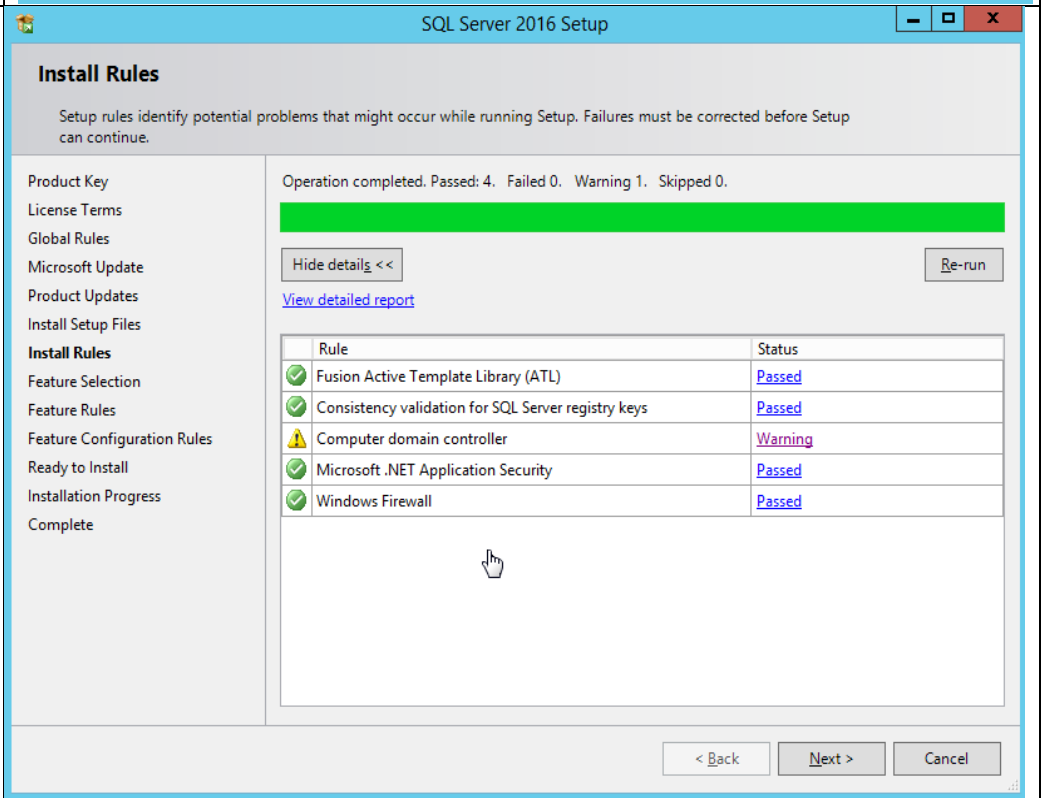
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Click on Next.



8. Click Next. After Verify the pre-requisites.



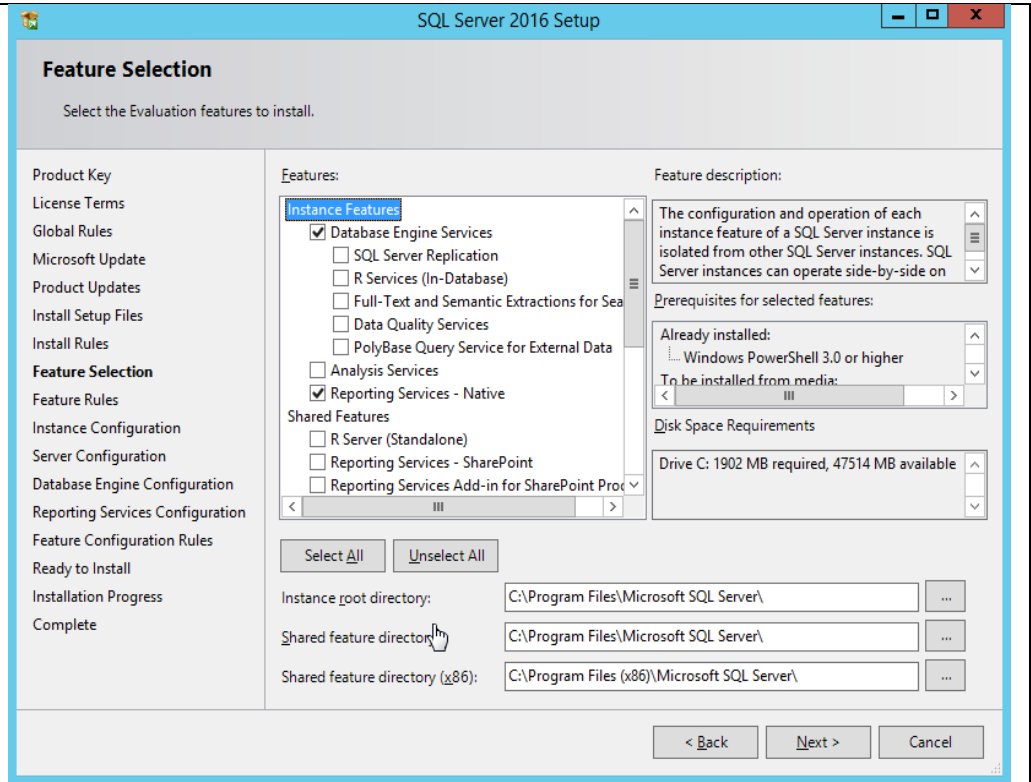
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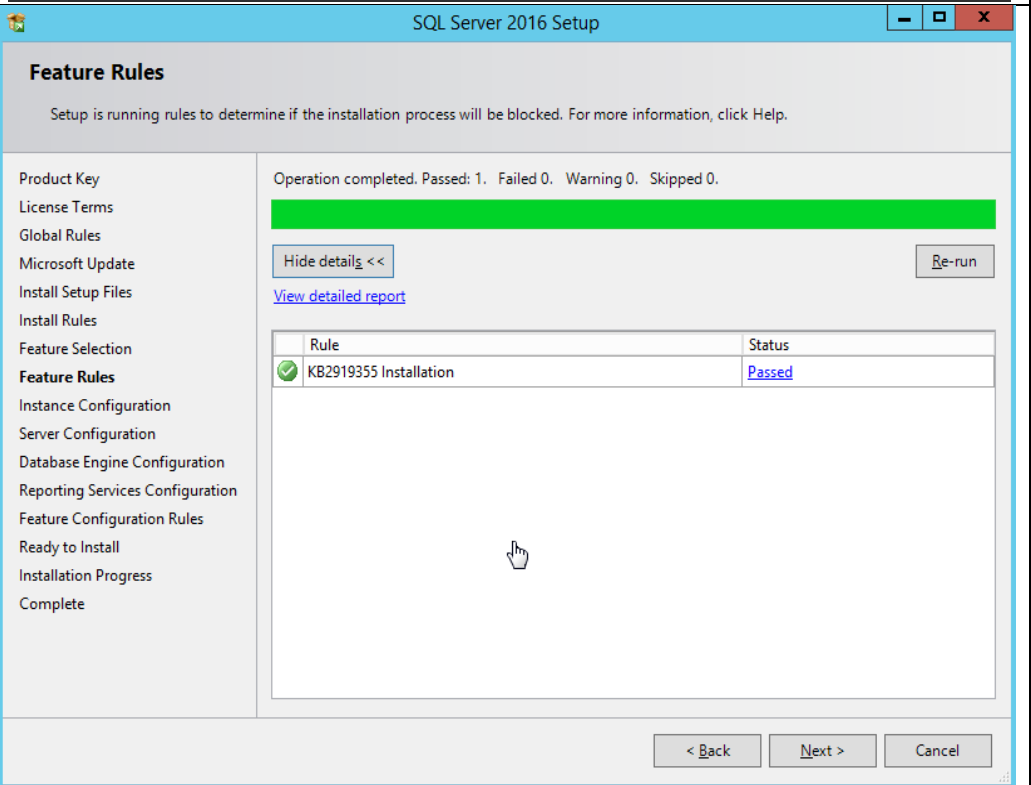
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Select the Database Engine services and Reporting Services - Native



Verify the pre-requisites then click on Next.



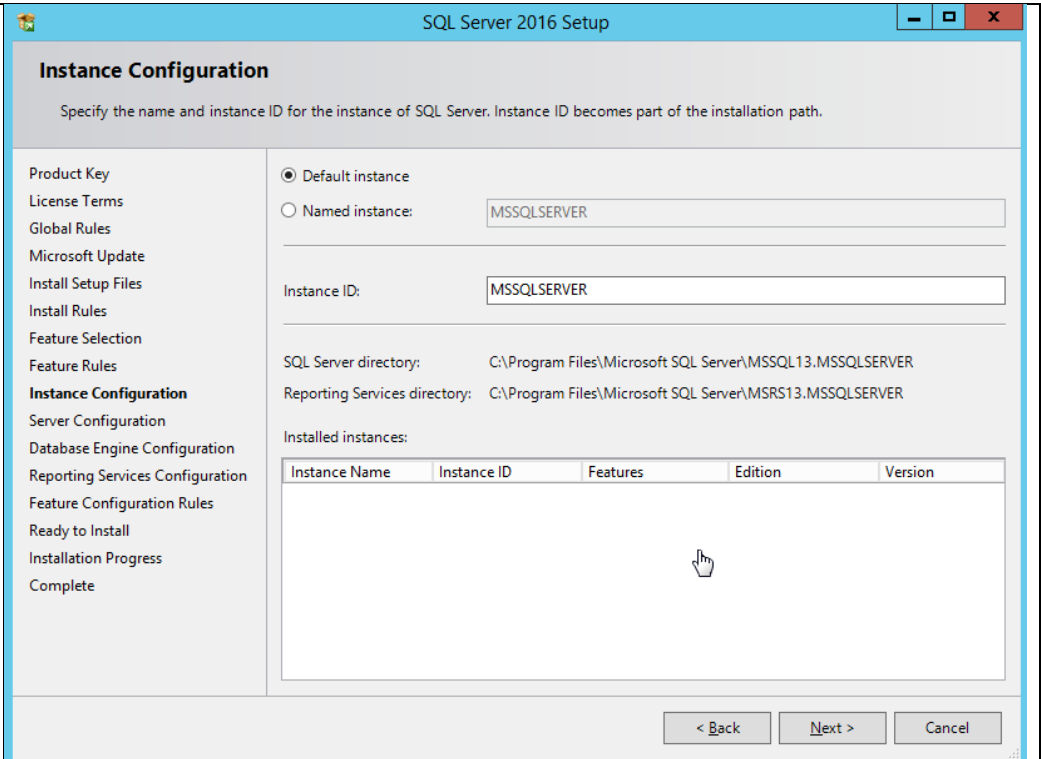
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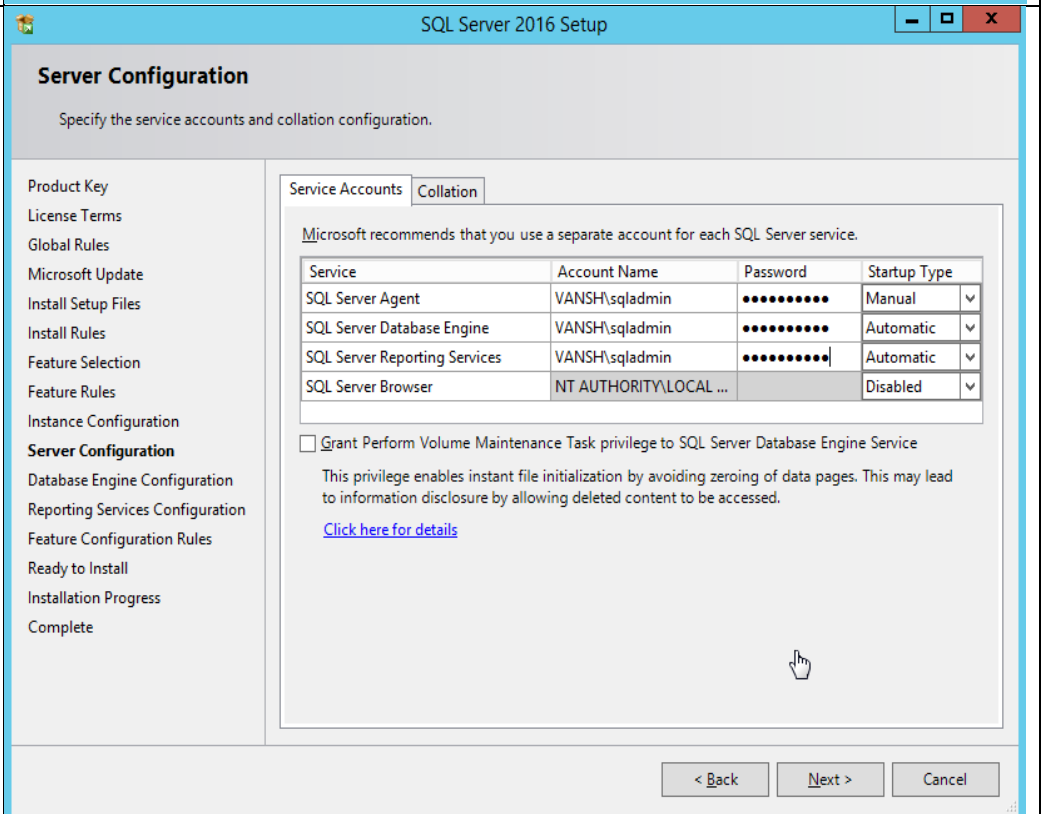
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Click on Next.



Fill the account details and click on Next.



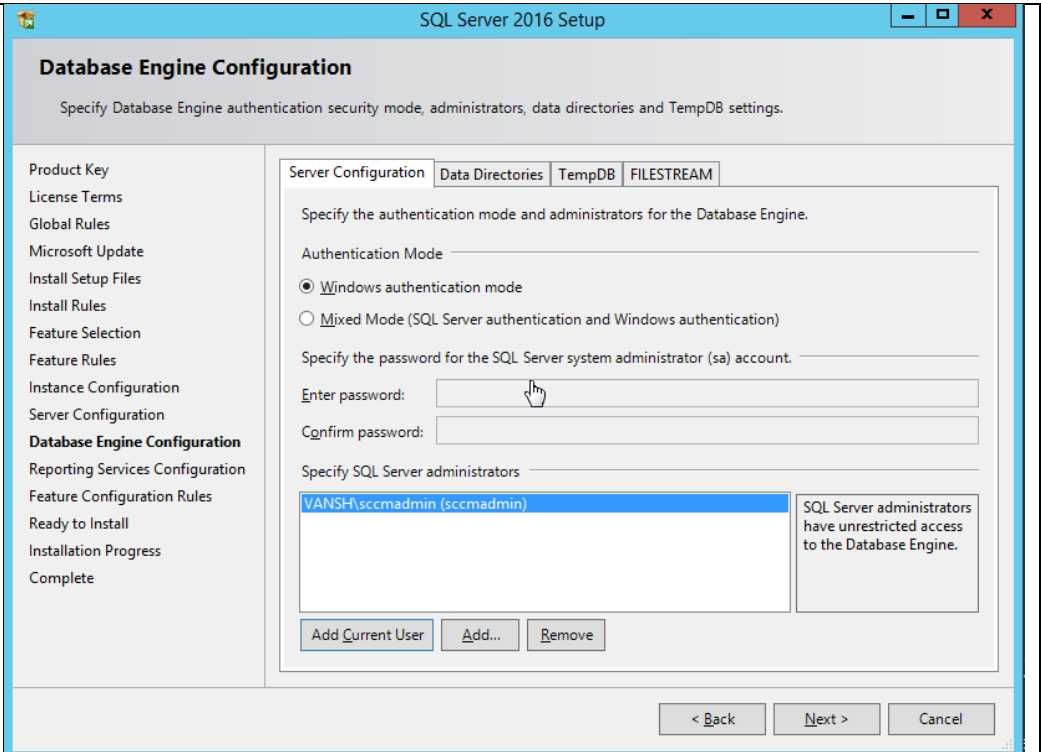
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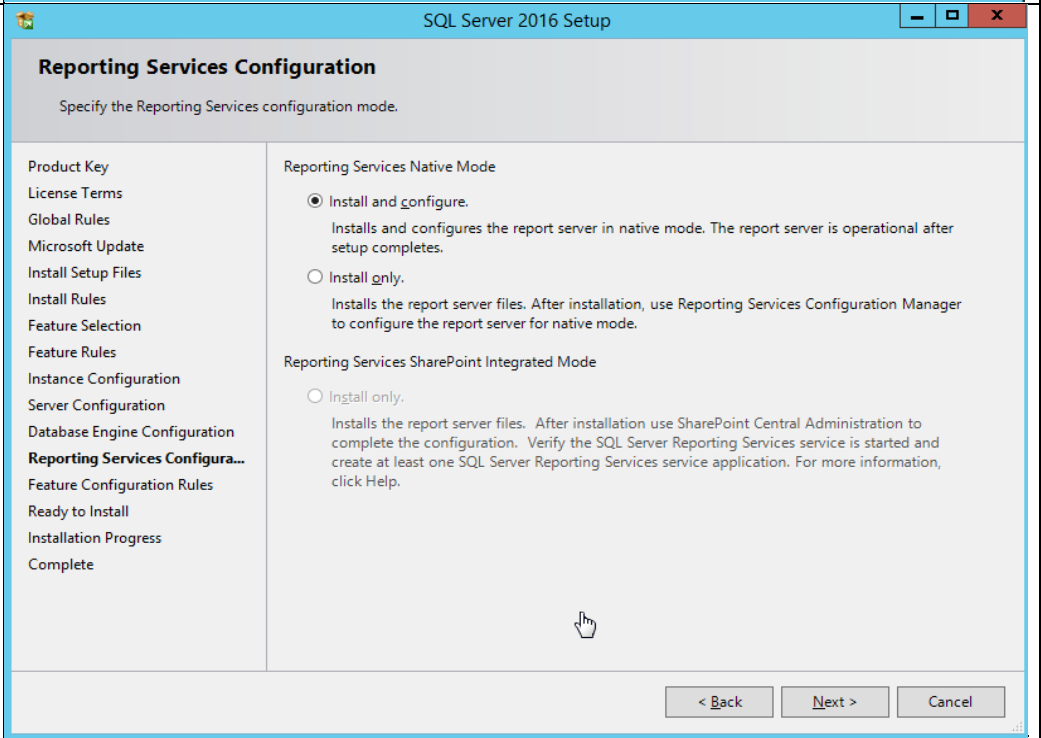
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Add current user and click on Next.



Select Install and Configure and Click on Next.



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Click on Next After verify the pre-requisites.

The screenshot shows the 'Feature Configuration Rules' window in the SQL Server 2016 Setup wizard. The window title is 'SQL Server 2016 Setup'. The main heading is 'Feature Configuration Rules'. Below the heading, it says 'Setup is running rules to determine if the installation process will be blocked. For more information, click Help.' The status bar indicates 'Operation completed. Passed: 6. Failed 0. Warning 0. Skipped 0.' There is a green progress bar at the top. A 'Hide details <<' button is visible, along with a 'Re-run' button and a link to 'View detailed report'. A table lists the rules and their status:

Rule	Status
✓ FAT32 File System	Passed
✓ Existing clustered or cluster-prepared instance	Passed
✓ Cross language installation	Passed
✓ Same architecture installation	Passed
✓ Reporting Services Catalog Database File Existence	Passed
✓ Reporting Services Catalog Temporary Database File Existence	Passed

At the bottom, there are buttons for '< Back', 'Next >', and 'Cancel'.

Click on Next.

The screenshot shows the 'Ready to Install' window in the SQL Server 2016 Setup wizard. The window title is 'SQL Server 2016 Setup'. The main heading is 'Ready to Install'. Below the heading, it says 'Verify the SQL Server 2016 features to be installed.' The left sidebar shows the installation progress, with 'Ready to Install' selected. The main area displays a tree view for 'Ready to install SQL Server 2016:'. The tree view includes:

- Summary
  - Edition: Evaluation
  - Action: Install
  - Prerequisites
    - Already installed:
      - Windows PowerShell 3.0 or higher
    - To be installed from media:
      - Microsoft Visual Studio 2010 Redistributables
      - Microsoft Visual Studio 2010 Shell
      - Microsoft .NET Framework 4.6 (may require reboot)
  - General Configuration
    - Features
      - Database Engine Services
      - Reporting Services - Native
    - Instance configuration
      - Instance Name: MSSQLSERVER
      - Instance ID: MSSQLSERVER
      - Instance ID:

At the bottom, there is a text box for 'Configuration file path:' with the value 'C:\Program Files\Microsoft SQL Server\130\Setup Bootstrap\Log\20160819\_101244\ConfigurationFile.ini'. There are buttons for '< Back', 'Install', and 'Cancel'.

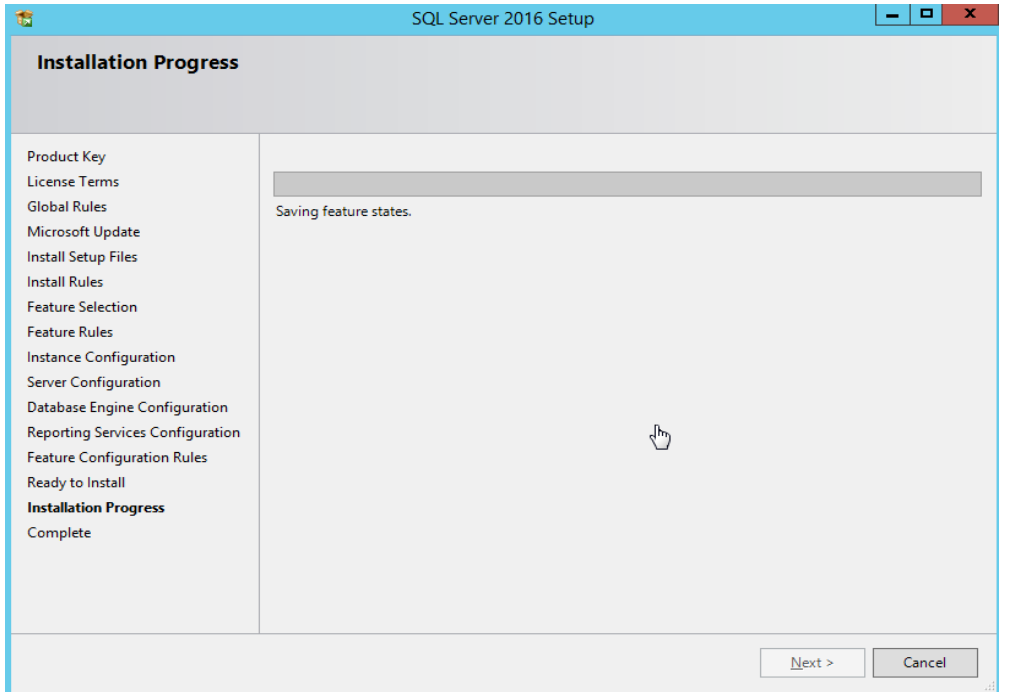
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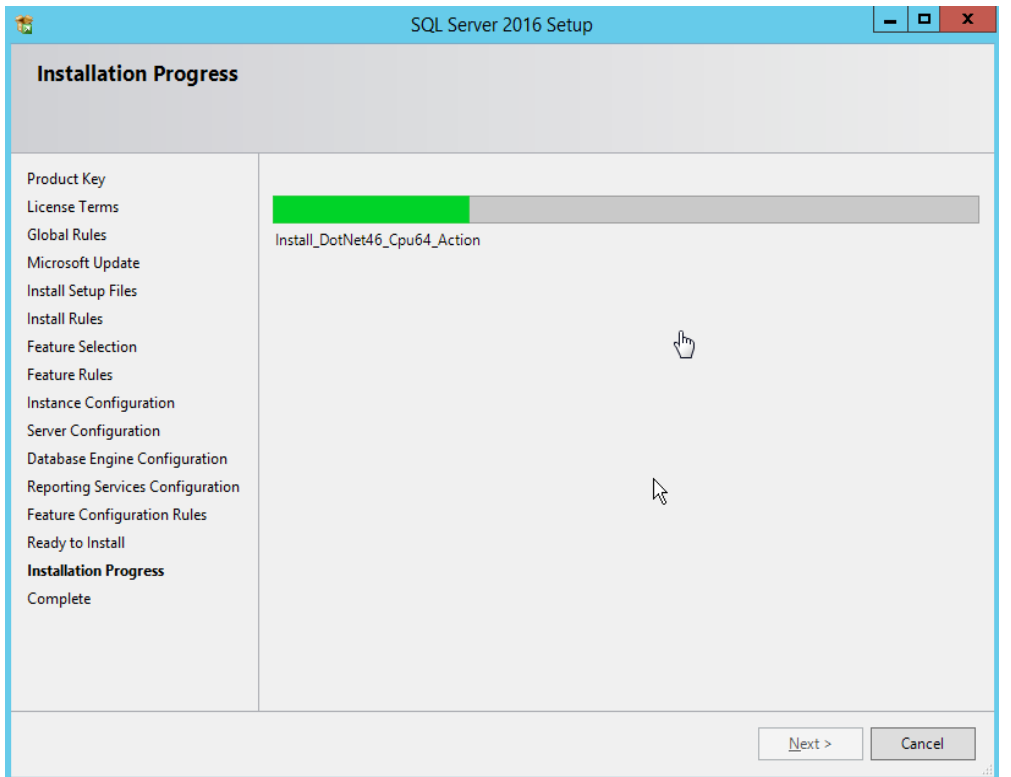
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Wait for Complete the Installation Process.



Wait for Complete the Installation Process.



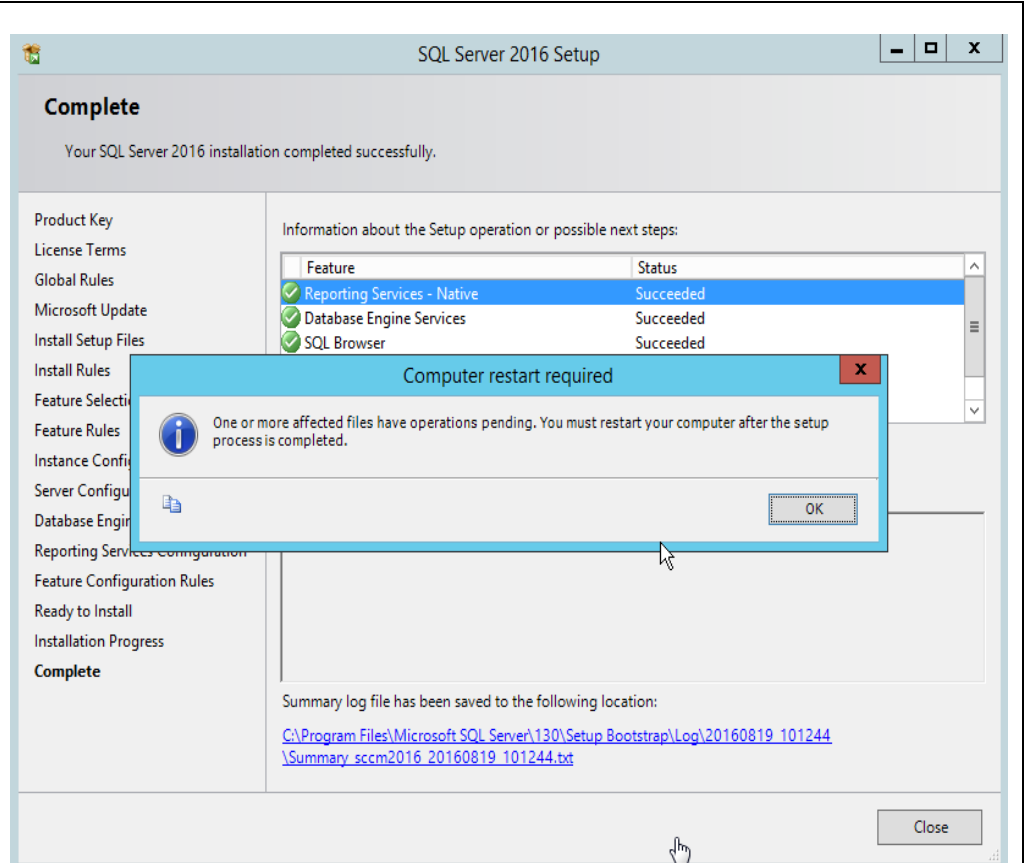
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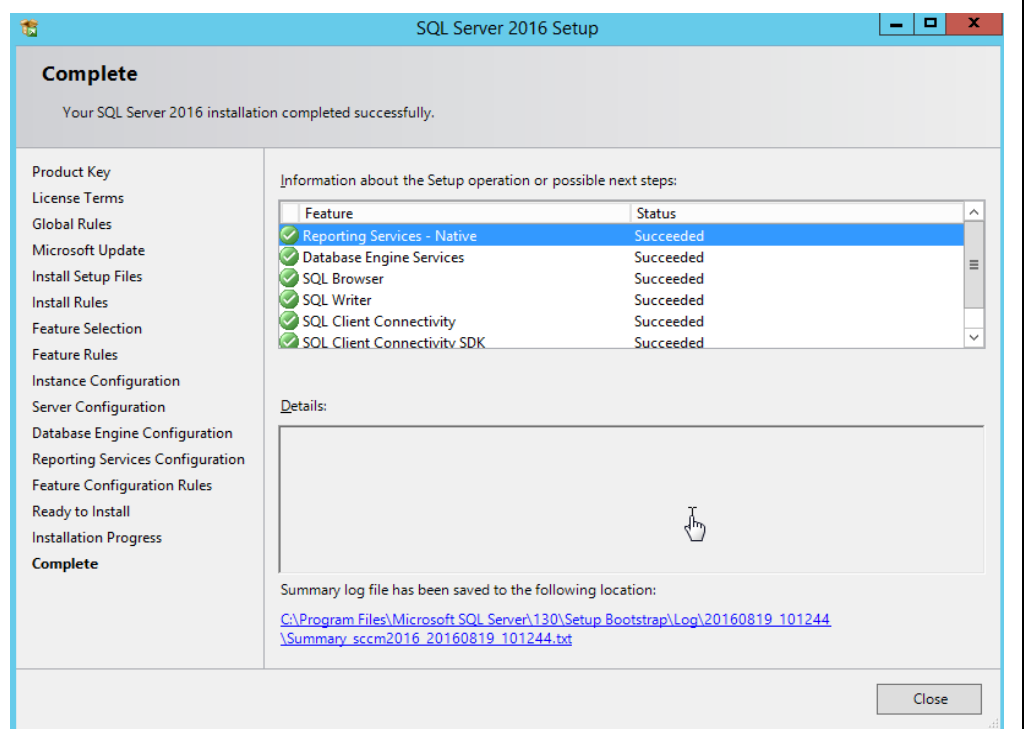
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Click OK on popup.



Click on Close.



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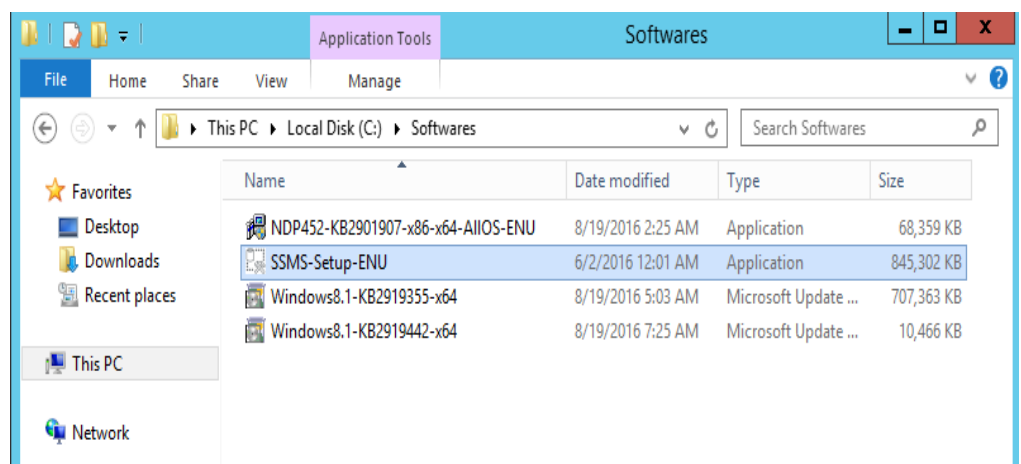
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### Install SSMS

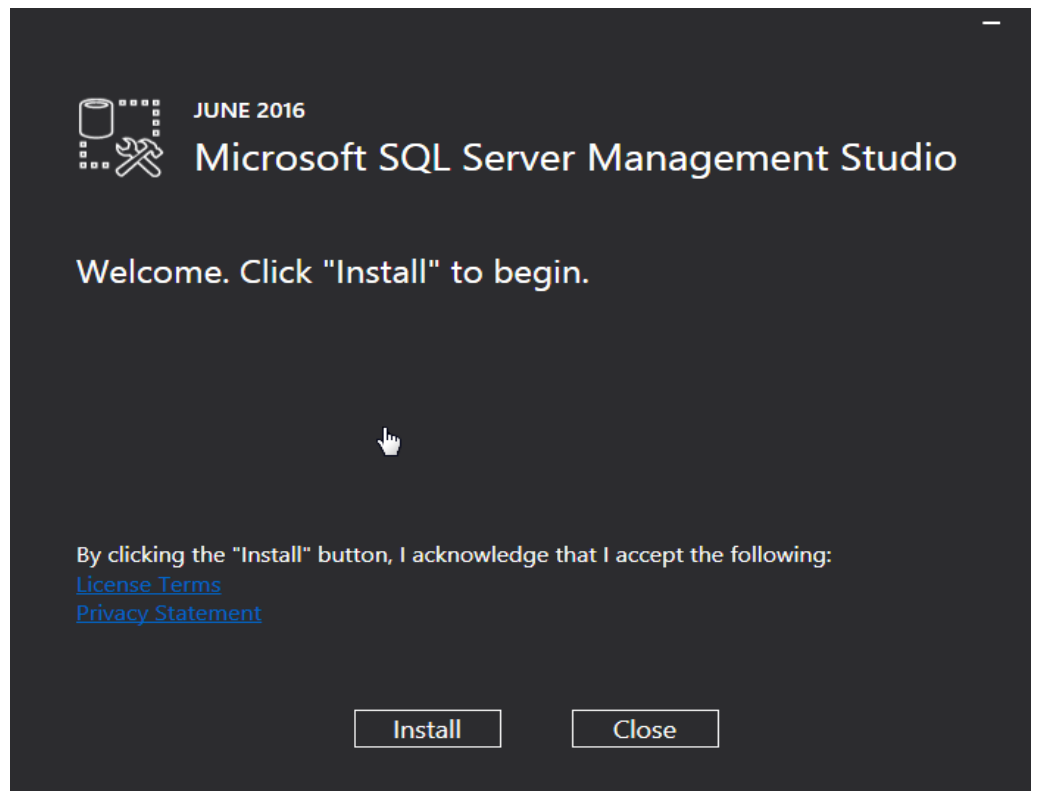
Double click on SSMS-Setup to launch the console.

Below is link to download SSMS-Setup file.

<https://msdn.microsoft.com/en-in/library/mt238290.aspx>



Click on Install.



Thanks,  
Harvansh Singh  
Technical Lead at Happiest Minds  
Date Created: - 6<sup>th</sup> September 2016

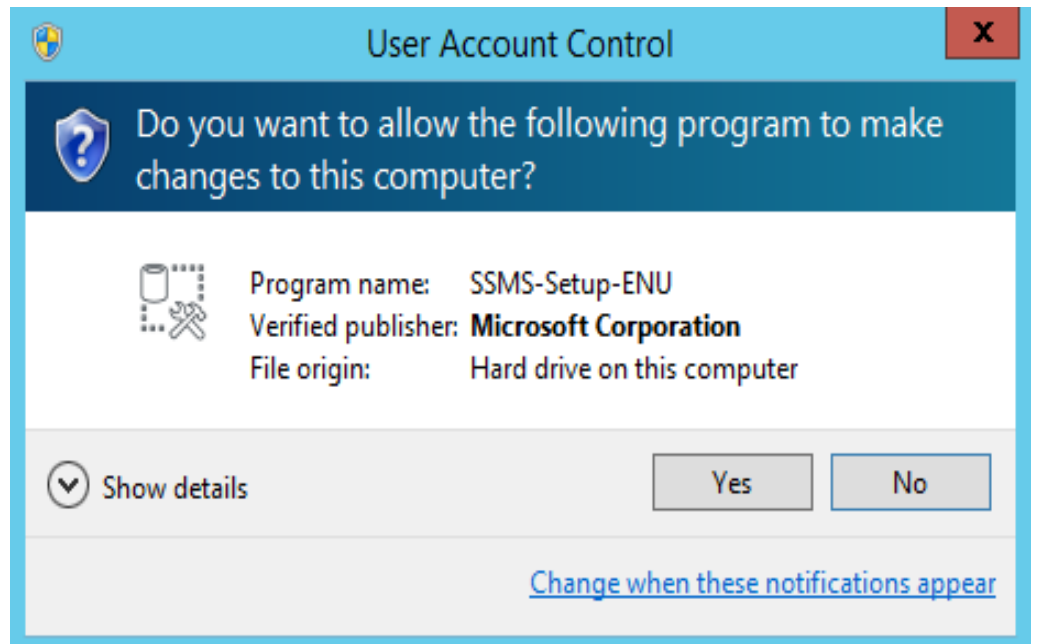


# MICROSOFT SQL 2016 INSTALLATION

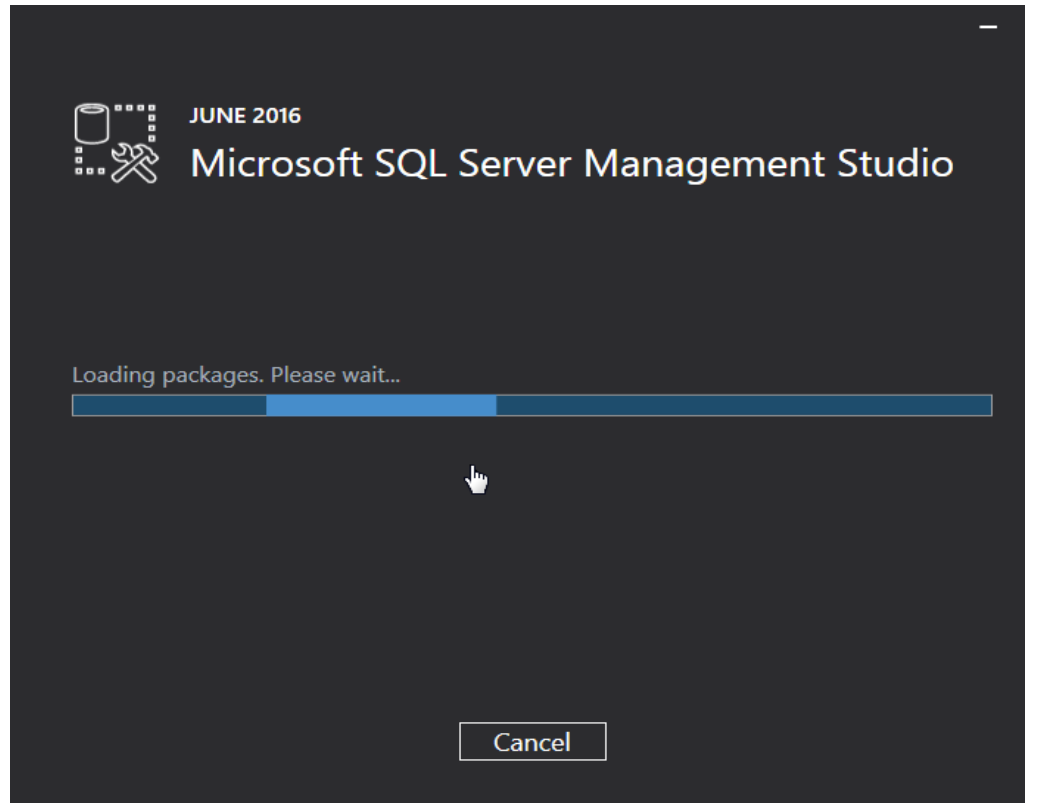
Created by Harvansh Singh

Website: - <https://social.technet.microsoft.com/Profile/harvansh%20singh>

Click on yes.



Data Processing.



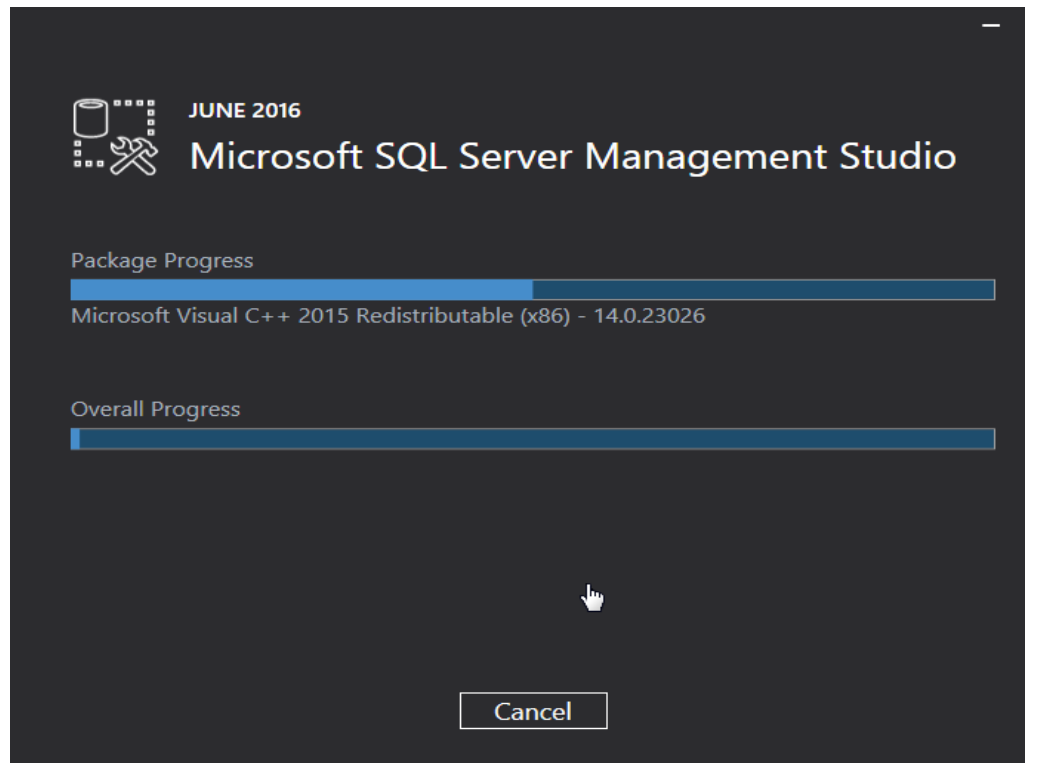
Thanks,  
Harvansh Singh  
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Date Created: - 6<sup>th</sup> September 2016

# MICROSOFT SQL 2016 INSTALLATION

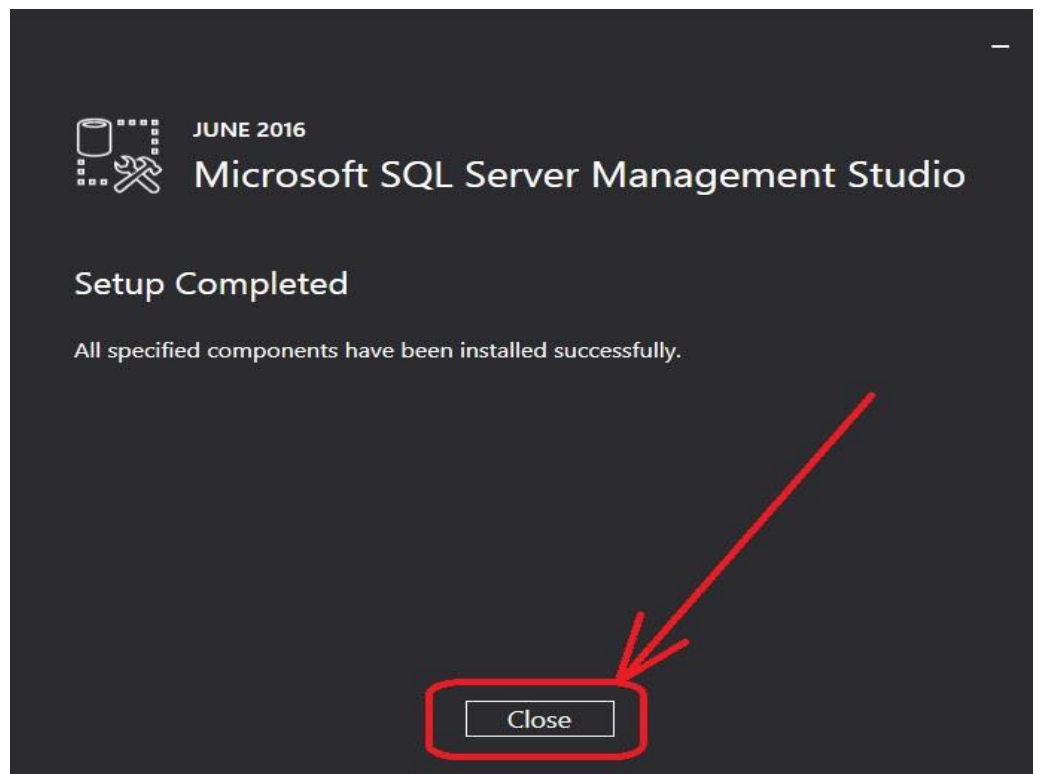
Created by Harvansh Singh

Website: - <https://social.technet.microsoft.com/Profile/harvansh%20singh>

Wait for Installation Completed.



Click on Close.



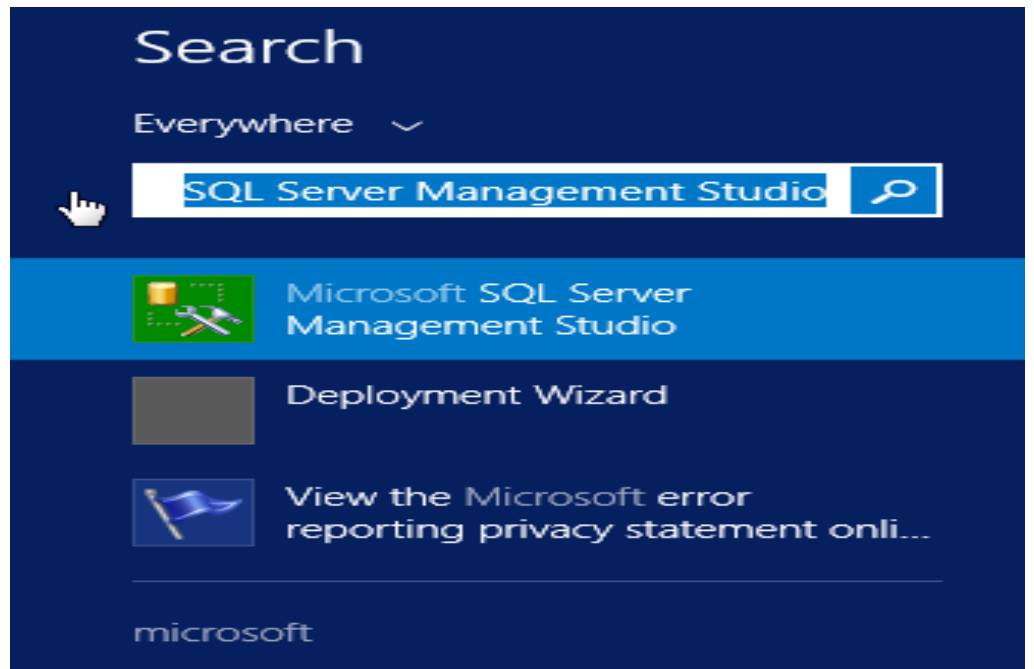
Thanks,  
Harvansh Singh  
Technical Lead at Happiest Minds  
Date Created: - 6<sup>th</sup> September 2016

## MICROSOFT SQL 2016 INSTALLATION

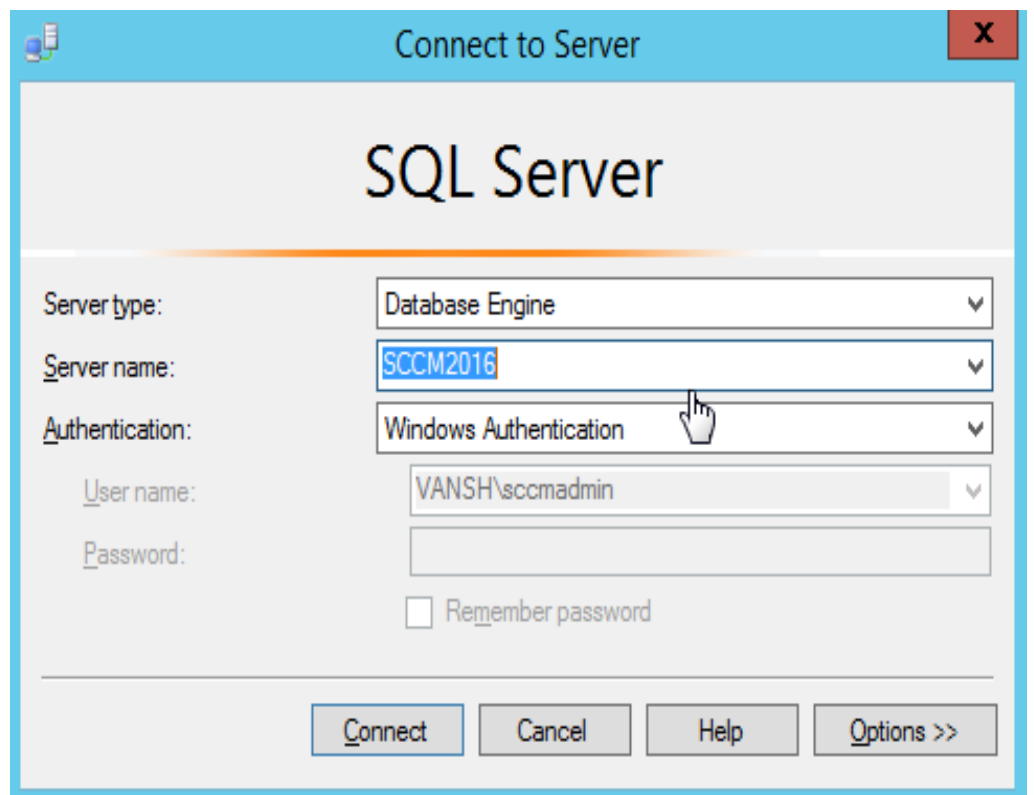
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Website: - <https://social.technet.microsoft.com/Profile/harvansh%20singh>

Search for SQL Server Management Studio and open it.



Click on Connect.



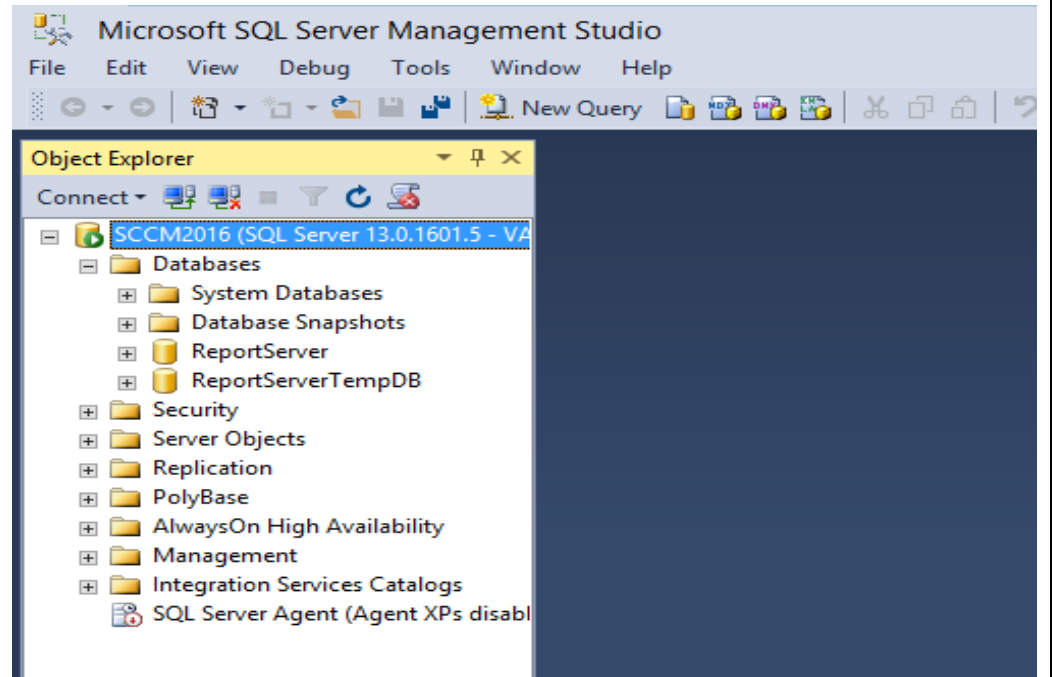
Thanks,  
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Date Created: - 6<sup>th</sup> September 2016

## MICROSOFT SQL 2016 INSTALLATION

Created by Harvansh Singh

Website: - <https://social.technet.microsoft.com/Profile/harvansh%20singh>

Verify that SQL Server 2016  
Successfully installed.



Thanks for Using this Document. Please suggest for any improvement.

Thanks,  
Harvansh Singh  
Technical Lead at Happiest Minds  
Date Created: - 6<sup>th</sup> September 2016