

SQL Server Installation Guide & FAQ

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SQL Express 2014 Installer

NOTICE

SQL Server is a Microsoft product. All parties downloading it to their PCs should follow their organization process and policy. Your IT department should be involved in case of firewall or other issues. Download time may vary depending on your PC and network connection.

Installation file for SQL Express 2014 (English version) is distributed with the USB Package which contains installer for both 32bit and 64bit Operating Systems.

- For 32bit SQLEXPR_x86_ENU.exe
- For 64bit SQLEXPR_x64_ENU.exe

If you need to install SQL Server for other languages, use Microsoft's website to download.

Note: Operating system information can be found using the following steps.

- From start Menu, type 'System Information'. Click on System Information application to open.





Refer to the section below for downloading .exe procedure if required.

1. Open the link mentioned below in your browser

https://www.microsoft.com/en-in/download/details.aspx?id=42299

Note: This link may change time to time. Please check in internet if unable to see the webpage as shown below

Download Microsoft® SQ	L Serve × +				- 🖬 ×
\leftrightarrow \rightarrow C \textcircled{a} micros	oft.com/en-in/download/details.aspx?id=42299	Ê.			Ⅲ Q ☆ 😝 :
	Microsoft® SQL Server® 20	4 Express			í
	Important/Selecting a language below v Select Language: English	ill dynamically change the complete page o	content to that language.		
	Microsoft SQL Server 2014 Exp system that delivers a rich and applications.	ress is a powerful and reliabl reliable data store for lightw	e free data management eight Web Sites and desktop		
	Details				
	System Requirements				
	Install Instructions				
	Additional Information				
	0				
Follow Micros	oft f 🗾				
What's new	Microsoft Store	Education	Enterprise	Developer	Company
Microsoft 365	Account profile	Microsoft in education	Azure	Microsoft Visual Studio	Careers
Surface Pro X	Download Center	Office for students	AppSource	Developer Center	About Microsoft

2. Click on download button in step 1 which will bring up the screen below

Download Microsoft® SQL Serve	× +					- o ×
\leftrightarrow \rightarrow C \triangleq microsoft.com	n/en-in/download/details.aspx?id=42299					# Q ☆ 😝 :
	Choose the download t	hat you want			\otimes	
	File Name		Size	Developed Summe		
	Express 32BIT WoW64\SQLEXPR32_x86_ENU.e	xe	149.9 MB	KBMBGB	ary:	
	Express 32BIT\SQLEXPR_x86_ENU.exe		168.4 MB	1. Express 64BIT\SQLE	XPR_x64_ENU.exe	
	Express 64BIT\SQLEXPR_x64_ENU.exe		196.7 MB			
	ExpressAdv 32BIT\SQLEXPRADV_x86_ENU.exe		1.1 GB			
	ExpressAdv 64BIT\SQLEXPRADV_x64_ENU.exe		1.1 GB			
	ExpressAndTools 32BIT\SQLEXPRWT_x86_ENU	lexe	840.8 MB	Total Size: 196.7 MB		
					Next	
Follow Microsoft						
Mbat's new						
Microsoft 365						
Surface Pro X	Download Center					
📰 O 🖽 🛤 🧔 🚥	😼 📑 🕲 🖷 🎋 🖏 🛷					へ 🔡 📹 🕪) 2:36 PM 🛛 💭

Select the appropriate .exe

Express 32BIT\SQLEXPR_x86_ENU.exe - This contains 32bit binaries only. If installing on a 32bit operating system, use this package.

Express 64BIT\SQLEXPR_x64_ENU.exe - x64 package for native x64 SQL Server Express on a 64bit operating system.

3. Click on 'Next' button of step2 which will bring up the screen as below

Download Microsoft® SQL Serve × +	- o ×
← → C microsoft.com/en-in/download/confirmation.aspx?id=42299	९ 🖈 😝 :
Thank you for downloading Microsoft® SQL Server® 2014	Express
If your download does not start after 30 seconds, Click here to download manually	
Install Instructions	
Popular Downloads Product: Servers	
Wilcrosoft Power Query for Excel add-in that enhances the self-sen Business Intelligence experience in Excel by simplifying data discovery, access collaboration. (Note: The Wircrosoft Power Query add-in for Excel 2010/2013) longer being updated by Microsoft. Please upgrade to a newer Excel version;	rice and s no
Microsoft Power BI Desktop THIS DOWNLOAD PAGE HAS BEEN DEPRECATED. PLEASE VISIT https://dxians/pbiSingleInstaller TO DOWNLOAD THE LATEST RELEASE OF PU DESKTOP.	OWER BI
Windows Server 2008 R2 Enterprise Editi x64 (Full Install) VHD	on
SQLEXPR_x64_ENU.exe s77/197 MB, 13 secs left	Show all X

4. This prompts for save option which will allow user to save the installer in specified path or file gets directly downloaded in browser's default 'downloads' folder.

SQL EXPRESS installation steps:

1. Double click on the EXE file (or right click and Run), which is downloaded using the steps mentioned above. It will show the screen to extract files. Keep the default directory path as it Click on OK to extract.

Choose Directory For Extracted Files	×
Choose Directory For Extracted Files	
C:\03.Softwares_IR\SQL 2014\SQLEXPR_x64_E	NUN
Ok Cancel Browse	

2. This will show extract files progress screen and will take few seconds.

Microsoft SQL Server 2014 Express ×	
Preparing: C:\03.Softwares_IR\SQL 2014\SQLEXPR_x64_ENU\1033_E\UBZB5WTI.MFL	
Cancel	

3. After completion of extracting files, 'SQL Server Installation Center' window appears as shown below.



4. Make sure to select "Installation" option from the left side pane and Click on "New SQL Server stand-alone installation or add features to an existing installation".



5. It will show SQL server 2014 setup screen. Accept the license and click Next.

📸 SQL Server 2014 Setup	-		×
License Terms To install SQL Server 2014, you	must accept the Microsoft Software License Terms.		
To install SQL Server 2014, you License Terms Global Rules Microsoft Update Product Updates Install Setup Files Install Rules Feature Selection Feature Rules Feature Configuration Rules Installation Progress Complete	MICROSOFT SOFTWARE LICENSE TERMS MICROSOFT SQL SERVER 2014 EXPRESS These license terms are an agreement between Microsoft Corporation (or based on wh live, one of its affiliates) and you. Please read them. They apply to the software named which includes the media on which you received it, if any. The terms also apply to any t • updates, • supplements,	nere you above, Microsofi	t t
	I accept the license terms. I urn on Customer Experience Improvement Program ("CEIP") and Error Reporting to help in quality, reliability and performance of Microsoft SQL Server 2014. See the Microsoft SQL Server 2014 Privacy Statement for more information. * Microsoft SQL Server 2014 also includes a Visual Studio component that will have CEIP setting off by default. If Visual Studio is installed, this component will use the CEIP settings for Visual Studio	Copy ! mprove th ngs turne Studio.	→ Print
	< <u>B</u> ack <u>N</u> ext >	Cancel	

6. This will run Rule check. Make sure there are no failures and then click Next button. If there are any issues, try re-running rule check after resolving the issue. If the issues are still persisting, contact your IT administrator for troubleshooting

🏗 SQL Server 2014 Setup		-		\times
Global Rules				
Setup Global Rules identify pro corrected before Setup can con	blems that might occur when you install SQL Server Setup support files. Failures must b tinue.	e		
License Terms Global Rules Microsoft Update Product Updates Install Setup Files Install Rules Feature Selection Feature Rules Feature Configuration Rules Installation Progress Complete	Rule check in progress		Re-	Ш)
	< <u>B</u> ack <u>N</u> ext >		Cance	r

7. Microsoft update screen shows. Enable the check box to for Microsoft updates if required. Click on Next button.

髕 SQL Server 2014 Setup			-		×
Microsoft Update	for important updates				
License Terms Global Rules Microsoft Update Product Updates Install Setup Files Install Rules Feature Selection Feature Rules Installation Progress Complete	Microsoft Update offers security and other important updates fo software, including SQL Server 2014. Updates are delivered using the Microsoft Update website.	r Windows and oth 9 Automatic Update	Her Micro	osoft u can visi	t
	< <u>B</u> ack	< <u>N</u> ext >		Cancel	

8. Microsoft product update screen comes up. Click on Next to continue. Discard any error message shown on this screen.

🏗 SQL Server 2014 Setup		_		×
Product Updates				
Always install the latest updat	es to enhance your SQL Server security and performance.			
License Terms Global Rules Microsoft Update Product Updates Install Setup Files Install Rules Feature Selection Feature Rules Feature Configuration Rules Installation Progress Complete	 SQL Server Setup could not search for updates through the Windows Update service check again or click Next to continue. To troubleshoot issues with your Windows Up the link below, ensure you have Internet or network access, and ensure your Window can find updates interactively through the Windows Update control panel. Error <u>0x8024402C</u>: Exception from HRESULT: 0x8024402C 	e. You date s ws Up	can eith ervice, v date serv Check a	er iew rice
	Read our privacy statement online			
	Learn more about SQL Server product updates			
	< <u>B</u> ack <u>N</u> ext >		Cance	4

9. Setup searches for the SQL server update.

1 SQL Server 2014 Setup			-	-		\times
Install Setup Files						
If an update for SQL Server Se	tup is found and specified to be inclu	ded, the update will be installed	d.			
License Terms						
Microsoft Update	Tack	Status				
Product Updates	Install Setup files	Not starter	ł			
Install Setup Files						
Install Rules						
Feature Selection						
Feature Configuration Rules						
Installation Progress						
Complete						
		< <u>E</u>	ack <u>N</u> ext >		Cancel	1

- Setup will run another rule check. You'll probably end up with a Windows Firewall warning this time. If user is accessing the SQL server express in the same machine ignore this warning. If user wants to enable remote access to SQL Server expression configure the firewall later.
 [TBD] Below is the detail steps for configuring the firewall setting on windows 10 PC.
 - Click the Windows Start button and select Control Panel.

- In control paner, select Windows Defender Firewall.
- Click Advanced Settings.
- Click Inbound Rules, then New Rule.
- Select Program from the Rule Type window, then click Next.
- Click Browse, and navigate to the instance of SQL Server that you want to access through the firewall, and then click Open. By default, SQL Server is at C:\Program Files\Microsoft SQL Server\MSSQL12.SQLEXPRESS\MSSQL\Binn\sqlservr.exe
- Click Next to 'Allow the connection' click next again. Add name of the connection and click finish.

Click **NEXT** to continue with installation

📸 SQL Server 2014 Setup				-		\times
Install Rules						
Setup rules identify potential procession continue.	oblem	is that might occur while running Setup. Failures must be correcte	d before Setup			
License Terms	Оре	ration completed. Passed: 6. Failed 0. Warning 1. Skipped 0.				
Global Rules						
Microsoft Update						
Install Setup Files	Hi	de details <<			Re-ru	un
Install Rules	Viev	v detailed report				
Feature Selection	_					
Feature Rules		Rule	Status			-
Instance Configuration		Fusion Active Template Library (ATL)	Passed			_
Server Configuration		Previous releases of SQL Server 2008 Business Intelligence Devel	Passed			
Database Engine Configuration		Consistency validation for SQL Server registry keys	Passed			
Feature Configuration Rules	0	Computer domain controller	Passed			
Installation Progress	0	Microsoft .NET Application Security	Passed			
Complete		Windows Firewall	Warning			
	0	Block install when Microsoft SQL Server 2014 CTP1 is present.	Passed			
		< <u>B</u> ack <u>N</u> ext >	Cancel		Help	

11. Select **"Perfrom a new installation of SQL Server 2014"** and do NOT select "Add features to an existing instance of SQL server 2014". Click **NEXT**

髋 SQL Server 2014 Setup					-		Х
Installation Type							
Perform a new installation or a	dd features to an existin	g instance of SQL Serve	r 2014.				
Global Rules Install Setup Files Install Rules Installation Type License Terms Feature Selection Feature Rules Instance Configuration Server Configuration Database Engine Configuration Feature Configuration Rules Installation Progress Complete	<u>P</u> erform a new insi Select this option components such <u>Add features to an</u> <u>SQLEXPRESS</u> Select this option want to add the A within an instances	tallation of SQL Server 2 if you want to install a r as SQL Server Manager existing instance of SQ if you want to add feat unalysis Services feature e must be the same editio	014 new instance of SQL S ment Studio or Integra L Server 2014 ures to an existing insi s to the instance that on.	erver or want to insta tion Services. tance of SQL Server, f contains the Databas	or exa	ed mple, you ne. Featur	u
	Instance Name SQLEXPRESS	Instance ID MSSQL12.SQLEXPR	Features SQLEngine, SQLEn	Edition Express	Ver 12.0	sion .2000.8	
			< <u>B</u> ack <u>N</u> ex	t > Cancel		Help	•

12. Click on "Select All" and then click Next button in the feature selection screen

髋 SQL Server 2014 Setup			— 🗆	\times
Feature Selection Select the Express features to in	stall.			
License Terms Global Rules Microsoft Update Install Setup Files Install Rules Feature Selection Feature Rules Instance Configuration Server Configuration Database Engine Configuration Feature Configuration Rules Installation Progress	Eeatures: ✓ Database Engine Services ✓ SQL Server Replication Shared Features ✓ SQL Client Connectivity S Redistributable Features	n SDK	Feature description: The configuration and operation of each instance feature of a SQL Server instances is isolated from other SQL Server instances. SQL Server instances can operate side-by-side on Prerequisites for selected features: Already installed: Windows PowerShell 2.0 Microsoft .NFT Framework 3.5 Solution Space Requirements Drive C: 1058 MB required, 228225 MB available	
	Select <u>All</u> <u>Unselect All</u> Instance root directory: Shared feature directory: Shared feature directory (<u>x</u> 86):	C:\Program Files\Mi c:\Program Files\Mi C:\Program Files (x8 < <u>B</u> ack	crosoft SQL Server\	· ·

13. Instance Configuration wizard provides an option to select the default instance or named instance server.

In case of "Default Instance" selection, the installer shall consider the computer name as the SQL server instance name.

髋 SQL Server 2014 Setup					-		×
Instance Configuration	n						
Specify the name and instance	ID for the instance of S	QL Server. Instance	ID becomes part of th	ne installation path.			
License Terms Global Rules Microsoft Update	Default instance Named instance:	MSSQLSERVER					
Install Setup Files Install Rules Feature Selection	Instance <u>I</u> D:	MSSQLSERVER					
Feature Rules Instance Configuration Server Configuration	SQL Server directory:	C:\Program Files\	Microsoft SQL Server∖	MSSQL12.MSSQLSER\	/ER		
Database Engine Configuration Feature Configuration Rules Installation Progress Complete	Instance Name	Instance ID	Features	Edition	V	ersion	
			< <u>B</u> ack	Next > Can	cel	Help	,

The computer name can be viewed from below mentioned steps

- From Start menu go to 'system Information'
- From the system Summary view the System Name.

System Information					-	×
Eile Edit View Help						
System Summary	Item	Value				^
Hardware Resources	OS Name	Microsoft Windows 10 Enterprise				
Components	Version	10.0.17134 Build 17134				
Software Environment	Other OS Description	Not Available				
	OS Manufacturer	Microsoft Corporation				
	System Name	BAG-AL-7ZG38H2				
	System Manufacturer	Dell Inc.				
	System Model	Latitude 5480				
	System Type	x64-based PC				
	System SKU	07D0				
	Processor	Intel(R) Core(TM) i5-6440HQ CPU @ 2.60GHz, 2601 Mh	z, 4			
	BIOS Version/Date	Dell Inc. 1.17.1, 1/7/2020				
	SMBIOS Version	3.0				
	Embedded Controller V	255.255				
	BIOS Mode	Legacy				
	BaseBoard Manufacturer	Dell Inc.				
	BaseBoard Model	Not Available				
	BaseBoard Name	Base Board				
	Platform Role	Mobile				
	Secure Boot State	Unsupported				
	PCR7 Configuration	Binding Not Possible				
	Windows Directory	C:\WINDOWS				
	System Directory	C:\WINDOWS\system32				
	Boot Device	\Device\HarddiskVolume1				
	Locale	United States				
	Hardware Abstraction L	Version = "10.0.17134.1098"				
	User Name	CORP\irgcta				
	Time Zone	India Standard Time				
	Installed Physical Mem	8.00 GB				
	Total Physical Memory	7.64 GB				
	Acadiable Disaded Man	2.35 CP				~
Find what:		Fin <u>d</u>		<u>C</u> lose Find		
□ <u>Search</u> selected category only	y Search catego	bry names only				

In case of "Named Instance" selection, user need to provide the instance name. Now the instance name for named instance SQL server shall be "Computer Name\Name Instance" as shown in example below.

"BNG-ALC1PNVS1\SQLEXPRESS"

簧 SQL Server 2014 Setup					-		×
Instance Configuration	1						
Specify the name and instance	ID for the instance of S	QL Server. Instance I	D becomes part of th	ne installation path.			
License Terms Global Rules Microsoft Update Install Setup Files Install Rules Feature Selection Feature Rules Instance Configuration	 <u>D</u>efault instance N<u>a</u>med instance: 	SQLEXPRESS					
	Instance <u>I</u> D:	MSSQLSERVER					
	SQL Server directory:	C:\Program Files\M	licrosoft SQL Server\	MSSQL12.MSSQLSERV	ER		
Server Configuration Database Engine Configuration	Insta <u>l</u> led instances:						
Database Engine Configuration Feature Configuration Rules Installation Progress Complete	Instance Name	Instance ID	Features	Edition	Ve	rsion	
			< <u>B</u> ack	Next > Canc	el	Help	,

The difference between the default instance and the named instance that you connect just by specifying the server name (eg, BNG-ALC1PNVS1) for default instance, whereas a named instance will require an instance name as well (eg, BNG-ALC1PNVS1\SQLEXPRESS).

If you're only going to install one version of SQL Server on this machine, go with a default. If you're planning on multiple instances on this machine, it's up to you whether you want one named and one default, or both named.

Note: During Assembly software installation, user shall need to select or enter the SQL server name for creating\connecting to the Assembly Wizard database in SQL server software. Select the "Computer Name" if the user has select Default Instance as SQL server instance. If the user has select Named Instance as SQL server instance, then select\Enter the "Computer Name\Named Instance" name for creating\connecting to the Assembly Wizard database in SQL server software.

Select the appropriate SQL server instance and Click on Next button

- 14. "Server Configuration" wizard allows the user to configure the Service Accounts.
 - Select the account name from the dropdown list for SQL Server Database Engine as NT
 AUTHORITY\NETWORK SERVICE which is the 1st choice of dropdown under Account Name and the startup type to Automatic.
 - For "SQL Server Browser" Set "Startup Type" to automatic, if not set.
 - Click Next button.

髋 SQL Server 2014 Setup				-		×
Server Configuration Specify the service accounts and	collation configuration.					
License Terms	Service Accounts Collation					
Global Rules Microsoft Update	Microsoft recommends that you u	ise a separate account for each S	QL Server service			_
Install Setup Files	Service	Account Name	Password	Startu	р Туре	
Install Rules	SQL Server Database Engine	ce\MSSQL\$SQLEXPRESS ~		Autom	natic	~
Feature Selection	SQL Server Browser	NT AUTHORITY\LOCAL		Autom	natic	~
Feature Rules						J
Instance Configuration						
Server Configuration						
Database Engine Configuration						
Installation Progress						
Complete						
		< <u>B</u> ack <u>N</u> ext >	Cancel		Help	

- 15. "Database Engine Configuration" wizard allows the user to configure the authentication mode.
 - For mixed mode user has to create new password for the root account (username "sa" default). This username "sa" and password shall be used to access database engine for "SQL Server Authentication.

Note: This Username and password shall be used during the Assembly Wizard software installation to create the Assembly Wizard database.

- For mixed mode user has to add current user, by clicking on "Add Current User", by which the current user will also be able to access database engine as Windows Authentication.

髓 SQL Server 2014 Setup			-		×	
Database Engine Confi	guration					
Specify Database Engine auther	tication security mode,	administrators and data directories.				
License Terms Global Rules	Server Configuration	Data Directories User Instances FILESTREAM				
Microsoft Update	Specify the authent	tication mode and administrators for the Database Engine.				
Install Setup Files Install Rules	Authentication Mo	de				
Feature Selection	<u>M</u> ixed Mode (SC	L Server authentication and Windows authentication)				
Instance Configuration	Specify the password for the SQL Server system administrator (sa) account.					
Server Configuration Database Engine Configuration	Enter password:					
Feature Configuration Rules	Confirm password:	•••••				
Installation Progress	Specify SQL Server	administrators				
Complete	CORP\irgcta	Sh	QL Server adr ave unrestrict o the Databas	ninistrators ted access e Engine.		
	Add <u>C</u> urrent User	Add Remove				
		< <u>B</u> ack <u>N</u> ext > C	Cancel	Help		

Click on Next button

16. Installation Progress screen appears. This will take several minutes to complete.

📸 SQL Server 2014 Setup	-		×
Installation Progress			
License Terms Global Rules Microsoft Update Install Setup Files Install Rules Feature Selection Feature Rules Instance Configuration Server Configuration Database Engine Configuration Feature Configuration Rules Installation Progress Complete	Initializing Windows Installer actions.		
	<u>N</u> ext > Cancel	He	lp

17. Now **Close** this window

📸 SQL Server 2014 Setup			-		×
Complete					
Your SQL Server 2014 Installa	tion completed successfully.				
Global Rules	Information about the Setup operation	or possible next steps:			
Install Bules	Feature	Status			
Installation Type	Database Engine Services	Succeeded			
License Terms	SQL Server Replication	Succeeded			
Feature Selection					
Feature Rules					
Instance Configuration					
Server Configuration					
Database Engine Configuration	Details:				
Feature Configuration Rules	Viewing Product Documentation	for SQL Server			^
Installation Progress					
Complete	Only the components that you use to been installed. By default, the Help SQL Server, you can use the Help L your local computer. For more inforr (< <u>http://go.microsoft.com/fwlink/?Lir</u>	to view and manage the documer Viewer component uses the onli ibrary Manager component to do mation, see Use Microsoft Books hklD=299578>).	ntation for SQL Se ne library. After in: whoad document Online for SQL S	erver have stalling tation to Server	~
	Summary log file has been saved to the	following location:			
	C:\Program Files\Microsoft SQL Server\ 7ZG38H2_20210928_162540.bt	120\Setup Bootstrap\Log\2021092	8 162540\Summar	r <u>y BAG-AI</u>	<u>L-</u>
			Close	Help	

18. At last Exit this Installation center.

to SQL Server Installation Center	- 🗆 X
Planning Installation Maintenance Tools Resources Options	 New SQL Server stand-alone installation or add features to an existing installation Launch a wizard to install SQL Server 2014 in a non-clustered environment or to add features to an existing SQL Server 2005, SQL Server 2008, SQL Server 2008 R2 or SQL Server 2012 Launch a wizard to upgrade SQL Server 2005, SQL Server 2008, SQL Server 2008 R2 or SQL Server 2012 to SQL Server 2014.
Microsoft SQL Server 2014	

Configuring SQL Server

1) SQL Server should be up and running.

Go to Programs >> Microsoft SQL Server 2014 >> SQL Server Configuration Manager (or from start button search for 'SQL server 2014 configuration Manager'). Click open SQL Server Configuration Manager. Click on SQL Server Services and check if SQL Server service status is "Running".

Sql Server Configuration Manager				- 🗆 X
File Action View Help				
Image: SqL Server Configuration Manager (Local) Image: SqL Server Services Image: SqL Server Network Configuration (32bit) Image: SqL Server Network Configuration (32bit) Image: SqL Server Network Configuration Image: SqL Native Client 11.0 Configuration	Name Name [®] SQL Server Browser ^{SQL} Server (SQLEXPRESS) ^{SQL} Server Agent (SQLEXPRESS)	State Running Running Stopped	Start Mode Automatic Automatic Other (Boot, System,	Log On As NT AUTHORITYLOCALSERVICE NT Service/MISSQL\$SQLEXPRESS NT AUTHORITY/NETWORKSERVICE
	<			

2) Enable TCP/IP in SQL Server Configuration

When two or more SQL Servers are connected across network they do all communication using TCP/IP. The default port of SQL Server installation is 1433. This port can be changed through SQL Server Configuration Manager. TCP/IP should be enabled for SQL Server to be connected.

Go to SQL Server Configuration Manager >> Select TCP/IP. Right Click on TCP/IP >> Click on Enable

Sql Server Configuration Manager					_	×
<u>File</u> <u>A</u> ction <u>V</u> iew <u>H</u> elp						
(+ +) 🖄 📴 🔂 🛛						
 Aliases Aliases 	Name	Order 1 2 3	Enabled Enabled Enabled Enabled			

Downloading Server Management Studio

Server management studio provides ways to manage the databases

1. Open the link mentioned below in your browser

https://www.microsoft.com/en-in/download/details.aspx?id=42299

Note: This link may change time to time. Please check in internet if unable to see the webpage as shown below

vnload Microsoft® SQL Se	erve × +				- 0	
C 🔒 microsoft	t.com/en-in/download/details.aspx?id=4229	9			第の☆	θ
	Microsoft® SQL Server® 20	14 Express				
	Important/Selecting a language below Select Language: English	will dynamically change the complete page o	ontent to that language, . Download			
	Microsoft SQL Server 2014 Exp system that delivers a rich and applications.	ress is a powerful and reliabl reliable data store for lightw	e free data management eight Web Sites and desktop			
	Details					
	System Requirements					
	Install Instructions					
	Additional Information					
Follow Microsof	t f ⊻					
What's new	Microsoft Store	Education	Enterprise	Developer Microsoft Visual Studio	Company	
	increase busine	microsoft in concerning	- Second Se	Contractory in the second		

2. Click on download button in step 1 which will bring up the screen below

Download Microsoft®	SQL Serve × +					- 🗆 ×
\leftarrow \rightarrow \mathbf{C} $rac{1}{2}$ http://doi.org/10.1011/001100000000000000000000000000	ps:// www.microsoft.com /en-in/download/deta	ls.aspx?id=42299			6 E G S	🖹 🕼 Not syncing 🍘 …
	Important/Selecting a language below will a	ynamically change the complete page of	ontent to that language.			
	Choose the download t	hat you want			(\odot
	File Name		Size			
	ExpressAndTools 32BIT\SQLEXPRWT_x86_ENU	exe	840.8 MB	 Download Summary: KBMBGB 		
	ExpressAndTools 64BIT\SQLEXPRWT_x64_ENU	exe	833.2 MB	 MgmtStudio 64BIT\SQLManagementS 	itudio_x64_ENU.exe	
	LocaIDB 32BIT\SqlLocaIDB.msi		36.6 MB			
	LocaIDB 64BIT\SqlLocaIDB.msi		43.1 MB			
	MgmtStudio 32BIT\SQLManagementStudio_x	6_ENU.exe	673.0 MB			
	MgmtStudio 64BIT\SQLManagementStudio_x	i4_ENU.exe	683.9 MB	Total Size: 683.9 MB		
					Next	_
						-
What's new Microsoft 365						
Surface Pro X						ioft
Surface Pro 7	Microsoft Store Support	Office 365 for schools	Automotive	Channel 9	Company ne	NS

Select the appropriate .exe

MgmtStudio 32BIT\SQLManagementStudio_x86_ENU.exe- This contains 32bit binaries only. If installing on a 32bit operating system, use this package.

MgmtStudio 64BIT\SQLManagementStudio_x64_ENU.exe - x64 package for native x64 SQL Server Express on a 64bit operating system.

3. Click on 'Next' button of step2 which will start download exe.

Download Microsoft® SQL Serve × +		- 0	;
\leftrightarrow \rightarrow C $rac{}$ microsoft.com/en-in/down	load/confirmation.aspx?id=42299	् 🖈 🌔	Э
TT	nank you for downloading Microsoft® SQL Server® 2014 Express		
If your downloa	d does not start after 30 seconds, <u>Click here to download manually</u>		
(+) Install I	nstructions		
Popula	r Downloads		
Product: Serv	ers 🗸		
01	Microsoft Power Query for Excel Microsoft Power Query for Excel add-in that enhances the self-service Business Intelligence experience in Excel by admit/pling data datovery, access and collaboration, (Note: The Microsoft Power Query add-in for Excel 2010/2013 is no longer being updated by Microsoft. Please upgrade to a newer Excel version.)		
02	Microsoft Power BI Desktop This download page has been deprecated, please visit https://aka.ms/pbi/Singleinstaller TO DOWNLOAD THE LATEST RELEASE OF POWER BI DESKTOP.		
SQLEXPR_x64_ENU.exe	Windows Server 2008 R2 Enterprise Edition x64 (Full Install) VHD	Show a	_

Server Management Studio installation steps:

Installation of this software is not required, however, if you need service support from Ingersoll Rand at a later date, Server Management Studio will need to be installed in order for Ingersoll Rand to see your data. This installation should take less than 30 minutes to install assuming your PC has no firewalls or limitations for the size of the program.

1. Double click on the EXE file (or right click and Run), which is downloaded using the steps mentioned above. It will show the screen to extract files. Keep the default directory path as it is and Click on OK.



2. This will show progress screen and will take few seconds.

Microsoft SQL Server 2014 Management Studio Express	×
	Cancel

3. After completion of extracting files, 'SQL Server Installation Center' window appears as shown below.



4. Make sure to select "Installation" option from the left side pane and Click on "New SQL Server stand-alone installation or add features to an existing installation".

1 SQL Server Installation Center	□ ×
Planning Installation Maintenance Tools Resources	New SQL Server stand-alone installation or add features to an existing installation Launch a wizard to install SQL Server 2014 in a non-clustered environment or to add features to an existing SQL Server 2014 instance. Image: Comparison of the server 2005, SQL Server 2008, SQL Server 2008 R2 or SQL Server 2012 Launch a wizard to upgrade SQL Server 2005, SQL Server 2008, SQL Server 2012 Server 2012 to SQL Server 2014.
Options	
Microsoft SQL Server 2014	

5. It will then run a rule check. Make sure there are no failures. If there are any issues, try rerunning again. If the issues are still persisting, contact your IT administrator for troubleshooting. If all rules are pass, then setup will automatically move to next screen.

髋 SQL Server 2014 Setup		_		\times
Global Rules				
Setup Global Rules identify pro corrected before Setup can con	blems that might occur when you install SQL Server Setup support files. Failures must be tinue.			
Global Rules Product Updates Install Setup Files Install Rules Installation Type License Terms Feature Selection Feature Rules Feature Configuration Rules Installation Progress Complete	Rule check in progress Show details >>		<u>R</u> e-t	un
	< <u>B</u> ack <u>N</u> ext >		Cancel	

6. Microsoft product update screen comes up. Click on Next to continue. Discard any error message shown on this screen.

1 SQL Server 2014 Setup		-		×
Product Updates				
Always install the latest update	is to enhance your SQL Server security and performance.			
Global Rules Product Updates Install Setup Files Install Rules Installation Type License Terms Feature Selection Feature Rules Feature Configuration Rules Installation Progress Complete	SQL Server Setup could not search for updates through the Wind check again or click Next to continue. To troubleshoot issues with the link below, ensure you have Internet or network access, and e can find updates interactively through the Windows Update contro Error <u>0x8024402C</u> ; Exception from HRESULT: 0x8024402C	ows Update service. Ya your Windows Updat nsure your Windows (ol panel.	ou can eith e service, vi Jpdate serv <u>C</u> heck a	er iew ice gain
	Learn more about SQL Server product updates			
	< <u>B</u> ack	<u>N</u> ext >	Cance	4

7. Setup searches for the update SQL server

1 SQL Server 2014 Setup			-		\times
Install Setup Files					
If an update for SQL Server Set	up is found and specified to be includ	led, the update will be installed.			
Global Rules					
Product Updates					
Install Setup Files	Task	Status			-
Install Kules	Install Setup files	Not started			_
Installation Type					
Electrice Selection					
Feature Buler					
Feature Configuration Rules					
Installation Progress					
Complete					
		< <u>B</u> ack	<u>N</u> ext >	Cance	2

8. Select **"Perfrom a new installation of SQL Server 2014"** and do NOT select "Add features to an existing instance of SQL server 2014". Click **NEXT**

髓 SQL Server 2014 Setup					-		×
Installation Type							
Perform a new installation o	r add features to an existi	ing instance of SQL Serve	r 2014.				
Global Rules Install Setup Files Install Rules Installation Type License Terms Feature Selection Feature Rules Feature Configuration Rules Installation Progress Complete	erform a new in Select this option components suc <u>Add</u> features to a <u>SQLEXPRESS</u> Select this option want to add the within an instance Installed instances:	stallation of SQL Server 2 n if you want to install a h as SQL Server Manager in existing instance of SQ n if you want to add feat Analysis Services feature ce must be the same editi	014 new instance of SQL S ment Studio or Integra L Server 2014 ures to an existing ins s to the instance that on.	ierver or want to ins tition Services. tance of SQL Server contains the Datab	tall share For exa	ed mple, you ne. Featur) Yes
	Instance Name	Instance ID	Features	Edition	Ver	sion	
	SQLEXPRESS	MSSQL12.SQLEXPR	SQLEngine, SQLEn	Express	12.0	.2000.8	
	SQLLITE	MSSQL12.SQLLITE	SQLEngine, SQLEn	Express	12.0	.2000.8	
			< <u>B</u> ack <u>N</u> ex	t > Cance	el	Help	

9. Click on "Select All" and then click **Next button** in the feature selection screen

髋 SQL Server 2014 Setup			-	\Box ×	
Feature Selection Select the Express features to in	stall.				
Global Rules Install Setup Files Install Rules Installation Type License Terms Feature Selection Feature Rules Feature Configuration Rules Installation Progress Complete	Eeatures: Instance Features Shared Features Client Tools Connectivity Client Tools Backwards Compatibility Client Tools SDK Management Tools - Basic Management Tools - Complete 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 Prerequisites for selected features: Already installed: Windows PowerShell 2.0 Microsoft .NFT Framework 3.5 Disk Space Requirements Drive C: 1616 MB required, 225550 MB available		
	Select <u>All</u> <u>Unselect All</u> Instance root directory: Shared feature directory: Shared feature directory (<u>x</u> 86):	C:\Program Files\Mit c:\Program Files\Mit C:\Program Files (x8 < <u>B</u> ack	icrosoft SQL Server\ crosoft SQL Server\ i6)\Microsoft SQL Server\ <u>N</u> ext > Cancel	Help	

10. This will run rule checks again and shows installation progress screen.

📸 SQL Server 2014 Setup			_		×
Installation Progress					
Global Rules Install Setup Files Install Rules Installation Type License Terms Feature Selection Feature Rules Feature Configuration Rules Installation Progress Complete	Install_VSPrerequisites_Cpu64_Action				
		<u>N</u> ext >	Cancel	Help	

11. Once the installation completes, click on close.

髋 SQL Server 2014 Setup			_		\times
Complete					
Your SQL Server 2014 inst	allation completed successfully.				
Global Rules	Information about the Setup operation or possi	ble next steps:			
Install Setup Files	Feature	Status			
Install Rules	Management Tools - Complete	Succeeded			
Installation Type	Client Tools Connectivity	Succeeded			
License Terms	Client Tools SDK	Succeeded			
Feature Selection	Client Tools Backwards Compatibility	Succeeded			
Feature Rules	Management Tools - Basic	Succeeded			
Feature Configuration Rules					
Installation Progress					
Complete	Details:				
	Viewing Product Documentation for SQ	L Server			^
	Only the components that you use to view and manage the documentation for SQL Server have been installed. By default, the Help Viewer component uses the online library. After installing SQL Server, you can use the Help Library Manager component to download documentation to your local computer. For more information, see Use Microsoft Books Online for SQL Server (http://go.microsoft.com/fwlink/?LinklD=299578).				
	Summary log file has been saved to the followin C\Program Files\Microsoft SQL Server\120\Setu 7ZG38H2_20210928_164459.bt	g location: up Bootstrap\Log\20210928_	164459\Summa	ary BAG-A	<u>.L-</u>
			Close	Help	>

12. Now close the SQL Server Installation Center screen.



User should be able to see "SQL Server 2014 Management Studio" program added in windows start menu.

.NET Framework Installation

It is required that .NET 4.0 or later versions framework to be installed for SQL express and Assembly Wizard software to work normally. Seek help from your IT department to use the link below to download and install the framework.

https://dotnet.microsoft.com/download/dotnet-framework/net40

Download .NET Framework 4.0 × +	- a ×
← → C 🔒 dotnet.microsoft.com/download/dotnet-framework/net40	第 🕁 😝 :
Microsoft .NET About Learn Architecture Docs Downloads Community LIVET	All Microsoft ~
Try. NET on Azure for free Get started with 12 months of free services and build. NET cloud apps with your Azure free account. Start free > X	
Download .NET Framework 4.0	
This release has reached end of life, meaning it is no longer supported. We recommend moving to a supported release, such as <u>NET Framework 4.8</u> . See our <u>support policy</u> for more details.	
Advanced downloads	

Click on download .net framework runtime. After downloading .exe file, Click on run to install the framework, proceed with the default options to install the .NET framework.