This article shows in details how to install Primavera P6 on SQL server 2012.

The same concept should apply to any other versions. Installation is divided into 3 Sections.

- A. Installing SQL Server
- B. Configuring the SQL Server to allow Primavera connection
- C. Installing Primavera

## General Tips:

1. During the entire installation process if the following warning shows up then just press the Always button

P	rotected Network Access	Attempted
	C:\program file attempted to a	s\microsoft sql server\mssql11.sqlexpress\mssql\binn\sqlservr.exe has ccess the network.
	Always	Allow this application to always access the network and never ask again.
1	Yes	Allow this application to access the network.
1	No	Deny access to the network by this application.
	Never	Deny access to the network by this application and never ask again.
	These settings can be	modified only by your system administrator.

2. From time to time the following notification might show up. Just press Ok.



## A. Installing SQL Server

- A.1. Download Microsoft® SQL Server® 2012 Express from the below link. I recommend using the <u>ENU\x64\SQLEXPRADV\_x64\_ENU.exe</u> for 64bit or <u>ENU\x86\SQLEXPRADV\_x86\_ENU.exe</u> for 32bit. http://www.microsoft.com/en-ca/download/details.aspx?id=29062
- A.2. Run the downloaded setup file and Select New SQL Server Stand-alone



A.3. Accept the license terms and click next

SQL Server 2012 Setup	
License Terms	
To install SQL Server 20	12, you must accept the Microsoft Software License Terms.
License Terms Product Updates	MICROSOFT SOFTWARE LICENSE TERMS
Install Setup Files	MICROSOFT SQL SERVER 2012 EXPRESS
	These license terms are an agreement between Microsoft Corporation (or based on where you live, one of its affiliates) and you. Please read them. They apply to the software named above, which includes the media on which you received it, if any. The terms also apply to any Microsoft
	updates,
	supplements,
	Internet-based services, and
	support services
	©a ∂ <u>C</u> opy <u>P</u> rint
	✓ I accept the license terms.
	Send <u>f</u> eature usage data to Microsoft. Feature usage data includes information about your hardware configuration and how you use SQL Server and its components.
	See the Microsoft SQL Server 2012 Privacy Statement for more information.
	< <u>B</u> ack Cancel

A.4. If you have an internet connection then check to include any available updates and click next. Otherwise, uncheck this option and click next

Always install the latest	t updates to enhance your SQL Serve	r security and performance.	
License Terms Product Updates	☑ Include SQL Server prod	luct updates	
install Setup Files	Name	Size (MB)	More Information
	SQL Server 2012 SP1 Setup	Update 14	KB 2674319
	1 updates (14 MB) found of The Setup updates (14 MB	online. ) will be installed when you click l	Next.
	1 updates (14 MB) found o The Setup updates (14 MB <u>Read our privacy statemen</u>	online. ) will be installed when you click l <u>t online</u>	Next.

A.5. Just wait for this screen to complete then press the Install button once it's enabled

ow be installed. If an update for SQL Server Setup lled.	is found and specified to be included, the
SQL Server Setup files are being installed	on the system.
Task	Status
Scan for product updates	Completed
Download Setup files	Completed
Extract Setup files	Completed
Install Setup files	In Progress
	w be installed. If an update for SQL Server Setup lied. SQL Server Setup files are being installed Task Scan for product updates Download Setup files Extract Setup files Install Setup files

A.6. Make sure that these options are selected to be installed and press Next

Setup Support Rules	Features:		
Feature Selection Installation Rules Instance Configuration Disk Space Requirements Server Configuration Database Engine Configuration Reporting Services Configuration Error Reporting Installation Configuration Rules Installation Progress Complete	Instance Features Database Engine Service SQL Server Replication Reporting Services - Nat Shared Features SQL Server Data Tools SQL Client Connectivity LocaIDB Redistributable Features	is on tite Extractions for Search tive nents sisic SDK	Feature description:  LocalDB is a lightweight version of the SQL Server Express Database Engine that has the same programmability features, yet starts on demand and runs in user mode.  Prerequisites for selected features:  Already installed:  Microsoft .NET Framework 3.5 To be installed from media:  Microsoft Visual Studio 2010 Shell  Microsoft Visual Studio 2010 Shell
	Select <u>A</u> II <u>U</u> nselect AII Shared feature directory: Shared feature directory ( <u>x</u> 86):	C:\Program Files\Micros C:\Program Files (x86)\M	oft SQL Server\

A.7. Either leave the Named Instance option and specify the Instance name or select the Default Instance name option. KEEP A RECORD OF THE INS TANCE NAME. I Will refer to it as SQLEXPRESS

Specify the name and instance	ID for the instance of S	QL Serve	er. Instance l	D becomes part of t	he installation path.	
Setup Support Rules Feature Selection nstallation Rules	<ul> <li><u>D</u>efault instance</li> <li><u>Na</u>med instance:</li> </ul>		SQLEXPRE	ss		
nstance Configuration Disk Space Requirements Server Configuration Database Engine Configuration	Instance <u>I</u> D: Instance <u>r</u> oot director	y:	SQLEXPRE C:\Program	SS n Files\Microsoft SC	)L Server\	
Reporting Services Configuration irror Reporting nstallation Configuration Rules nstallation Progress Complete	SQL Server directory: Reporting Services di Installed instances:	rectory:	C:\Prograr C:\Prograr	n Files\Microsoft SQ n Files\Microsoft SQ	L Server\MSSQL11.SQ L Server\MSRS11.SQLI	LEXPRESS EXPRESS
	Instance Name	Instar	nce ID	Features	Edition	Version

A.8. Leave the default values and just press Next

Server Configuration					8
Specify the service accounts and Setup Support Rules Feature Selection	Service Accounts Collation				54
Installation Rules Instance Configuration	Microsoft recommends that you use a Service	separate account for each SQL Server service. Account Name	Password	Startup Typ	e
Disk Space Requirements Server Configuration	SQL Server Database Engine SQL Server Reporting Services	NT Service\MSSQL\$SQLEXPRESS NT Service\ReportServer\$SQLEXPRESS		Automatic Automatic	•
Database Engine Configuration	SQL Full-text Filter Daemon Launcher	NT Service\MSSQLFDLauncher\$SQLEXPRESS		Manual	
Reporting Services Configuration Error Reporting Installation Configuration Rules	SQL Server Browser	NT AUTHORITY\LOCAL SERVICE		Disabled	-
Installation Progress Complete					

A.9. Select the Mixed Mode Option and type a password and press Next. KEEP A RECORD OF THE SQL SERVER PASSWORD. I will refer to it as SQLsaPASSWORD

SQL Server 2012 Setup		
Database Engine Confi Specify Database Engine auther	guration tication security mode, administrators and data directories.	
Setup Support Rules Feature Selection Installation Rules Instance Configuration Disk Space Requirements Server Configuration <b>Database Engine Configuration</b> Reporting Services Configuration Error Reporting Installation Configuration Rules Installation Progress Complete	Server Configuration       Data Directories       User Instances       FILESTREAM         Specify the authentication mode and administrators for the Database Engine.       Authentication Mode <ul> <li>Windows authentication mode</li> <li>Mixed Mode (SQL Server authentication and Windows authentication)</li> </ul> Specify the password for the SQL Server system administrator (sa) account.         Enter password:       •••••••••         Confirm password:       ••••••••         Specify SQL Server administrators	
	Add <u>C</u> urrent User     Add	SQL Server administrators have unrestricted access to the Database Engine.
	Seck	Lext > Cancel Help

A.10. Choose to Install only for the reporting services and press Next

髕 SQL Server 2012 Setup	
Reporting Services Co	nfiguration
Specify the Reporting Services	configuration mode.
Setup Support Rules Feature Selection Installation Rules Instance Configuration Disk Space Requirements Server Configuration Database Engine Configuration <b>Reporting Services Configura</b> Error Reporting Installation Configuration Rules Installation Progress Complete	<ul> <li>Reporting Services Native Mode</li> <li>Install and configure. Installs and configures the report server in native mode. The report server is operational after setup completes.</li> <li>Install only. Installs the report server files. After installation, use Reporting Services Configuration Manager to configure the report server for native mode.</li> <li>Reporting Services SharePoint Integrated Mode</li> <li>Installs the report server files. After installation use SharePoint Central Administration to complete the configuration. Verify the SQL Server Reporting Services is started and create at least one SQL Server Reporting Services service application. For more information, click Help.</li> </ul>
	< <u>B</u> ack Cancel Help

A.11. I prefer to check the send errors report to Microsoft option as it will help to enhance their products. Choose whatever you want to then click Next.

🃸 SQL Server 2012 Setup	
Error Reporting Help Microsoft improve SQL Se	rver features and services.
Setup Support Rules Feature Selection Installation Rules Instance Configuration Disk Space Requirements Server Configuration Database Engine Configuration Reporting Services Configuration <b>Error Reporting</b> Installation Configuration Rules Installation Progress Complete	Specify the information that you would like to automatically send to Microsoft to improve future releases of SQL Server. These settings are optional. Microsoft treats this information as confidential. Microsoft may provide updates through Microsoft Update to modify feature usage data. These updates might be downloaded and installed on your machine automatically, depending on your Automatic Update settings. See the Microsoft SQL Server 2012 Privacy Statement for more information. Read more about Microsoft Update and Automatic Update. See the <u>Microsoft Update and Automatic Update</u> . See that run without user interaction.
	< <u>B</u> ack <u>N</u> ext > Cancel Help

A.12. Wait for the Installation to complete as well as the updates if it was selected in step A.4. Be Patient as it takes a while.

🃸 SQL Server 2012 Setup	And the set of the set	
Installation Progress		
Setup Support Rules Feature Selection Installation Rules Instance Configuration Disk Space Requirements Server Configuration Database Engine Configuration Reporting Services Configuration Error Reporting Installation Configuration Rules Installation Progress Complete	Install_WatsonX86_Cpu32_Action : PublishProduct. Publishing product information	
	Nex	tt > Cancel Help
SQL Server 2012 Please wait while M	crosoft SQL Server 2012 Service Pack 1 Setup processes	s the current operation.

A.13. Press Close and Restart your computer.

Complete Your SQL Server 2012 installat	ion completed successfully with product updates.	
etup Support Rules	Information about the Setup operation or possible next s	teps:
eacure selection	Feature	Status
istaliation Rules	Management Tools - Basic	Succeeded
stance Configuration	SQL Server Data Tools	Succeeded
isk Space Requirements	Database Engine Services	Succeeded
erver Configuration	Full-Text and Semantic Extractions for Search	Succeeded
atabase Engine Configuration	SQL Server Replication	Succeeded
oporting Services Configuration	Reporting Services - Native	Succeeded
eporting services configuration	SQL Browser	Succeeded
rror Reporting	Ocumentation Components	Succeeded
stallation Configuration Rules		
istandion configuration naies		
nstallation Progress		
nstallation Progress omplete	Details:	
istaliation Progress istaliation Progress	Details: Viewing Product Documentation for SQL Serve	r
omplete	Details: Viewing Product Documentation for SQL Server Only the components that you use to view and man default, the Help Viewer component uses the online Library Manager component to download document. Microsoft Books Online for SQL Server <http: go.m<br="">Microsoft Update</http:>	r age the documentation for SQL Server have been installed. By library. After installing SQL Server, you can use the Help tion to your local computer. For more information, see <u>Use</u> icrosoft.com/fwink/?LinkID=224683>.
omplete	Details: Viewing Product Documentation for SQL Server Only the components that you use to view and man default, the Help Viewer component uses the online Library Manager component to download document. Microsoft Books Online for SQL Server <http: go.m<br="">Microsoft Update For information about how to use Microsoft Update I</http:>	r age the documentation for SQL Server have been installed. By library. After installing SQL Server, you can use the Help ation to your local computer. For more information, see <u>Use</u> icrosoft.com/fwink/?LinkID=224683>. o identify updates for SQL Server 2012, see the <u>Microsoft</u> .
stallation Progress	Details: Viewing Product Documentation for SQL Server Only the components that you use to view and man default, the Help Viewer component uses the online Library Manager component to download document. Microsoft Books Online for SQL Server <a href="http://go.m">http://go.m</a> Microsoft Books Online for SQL Server <a href="http://go.m">http://go.m</a> Microsoft Update For information about how to use Microsoft Update 1 Summary log file has been saved to the following location	r age the documentation for SQL Server have been installed. By library. After installing SQL Server, you can use the Help ation to your local computer. For more information, see <u>Use</u> icrosoft.com/fwlink/?LinkID=224683>.  o identify updates for SQL Server 2012, see the <u>Microsoft</u> .  1:

# **B.** Configuring the SQL Server to allow Primavera connection

B.1. Start the Configuration manager From: Start menu > All Programs > Microsoft SQL Server 2012 > Configuration Tools > SQL Server Configuration Manager

Intel PROSet Wireless	~
Maintenance	
Microsoft Office 2013	
Microsoft Silverlight	
Microsoft SQL Server 2008	
Microsoft SQL Server 2012	
🞒 Download Microsoft SQL Server Compa	
🛄 Import and Export Data (32-bit)	
🛄 Import and Export Data (64-bit)	
👓 SQL Server Data Tools	
🇏 SQL Server Management Studio	
🎉 Configuration Tools	
Reporting Services Configuration Ma	-
SQL Server Configuration Manager	=
📑 SQL Server Error and Usage Reportin	
贛 SQL Server Installation Center (64-bi	
Documentation & Community	
🍶 Integration Services	
Microsoft Visual Studio 2010	
Netwaiting	-
4 Back	
Search programs and files	

B.2. In the SQL Server configuration Manager window Select SQL Server Network Configuration> Protocols for SQLEXPRESS. From the right pan double click the Named Pipes

🚡 Sql Server Configuration Manager			<b>X</b>
<u>File Action View H</u> elp			
🗢 🔿 🖄 🖾 🕰 🛃			
🕵 SQL Server Configuration Manager (Local)	Protocol Name	Status	
<ul> <li>SQL Server Services</li> <li>SQL Server Network Configuration (32bit)</li> <li>SQL Native Client 11.0 Configuration (32bit)</li> <li>SQL Server Network Configuration</li> <li>Protocols for SQLEXPRESS</li> <li>SQL Native Client 11.0 Configuration</li> </ul>	ফ্ট Shared Memory ফ্ট Named Pipes ফ্ট TCP/IP	Enabled Disabled Disabled	

B.3. In the Properties Screen change the Enabled value to Yes.

Named Pipes Properties	8 ×
Protocol	
General	
Enabled	Yes 💌
Pipe Name	\\.\pipe\MSSQL\$SQLEXPRESS\sql\q
Enabled	
Enable or disable Named Pipes prot	ocol for this server instance
OK Car	ncel Apply Help

B.4. Click Ok in the properties window then Click OK to the warning screen



B.5. B.5. Repeat the steps B.2 to B.3 but for the TCP/IP instead of the Named Pipes.

Then Select the IP addresses tab and go all the way down to the IPALL and modify the value of TCP Port to 1433.

Click Ok in the properties window then Click OK to the warning screen

	TCP Dynamic Ports	0	
	TCP Port	-	
Ξ	IP8		
	Active	Yes	
	Enabled	No	
	IP Address	192.168.1.183	
	TCP Dynamic Ports	0	
	TCP Port		
Ξ	IP9		
	Active	Yes	
	Enabled	No	
	IP Address	::1	
	TCP Dynamic Ports	0	
	TCP Port		
Ξ	IPAII		E
	TCP Dynamic Ports	50400	
	TCP Port	1433	
T	CD D-+		
	LP POR		
	г роп		

B.6. In the left Pan select the Client Protocols under the SQL Native Client 11.0 Configuration and make sure all protocols are enabled in the right pan.

🔚 Sql Server Configuration Manager			
<u>File Action View H</u> elp			
🗢 🔿 🖄 📓 🍳 😹			
SQL Server Configuration Manager (Local)	Protocol Name	Status	
<ul> <li>SQL Server Services</li> <li>SQL Server Network Configuration (32bit)</li> <li>SQL Native Client 11.0 Configuration (32bit)</li> <li>SQL Server Network Configuration</li> <li>Protocols for SQLEXPRESS</li> <li>SQL Native Client 11.0 Configuration</li> </ul>	Shared Memory Named Pipes	Enabled Enabled Enabled	

B.7. Now select the SQL Server Services from the left pan and right click the SQL Server (SQLEXPRESS) in the right pan and press Restart.

Sql Server Configuration Manager	and to here			
<u>File Action View H</u> elp				
🗢 🤿   🖄 🗟 🔒 🛛 🖉 🕖 🔍 🕙				
<ul> <li>SQL Server Configuration Manager (Local)</li> <li>SQL Server Services</li> <li>SQL Native Client 11.0 Configuration (32bit)</li> <li>SQL Server Network Configuration</li> <li>SQL Server Network Configuration</li> <li>SQL Native Client 11.0 Configuration</li> <li>Client Protocols</li> <li>Aliases</li> </ul>	Name  SQL Server Browser  SQL Server Reporting Services (SQLEXPRESS)  SQL Server (SQLEXPRESS)  SQL Server Agent (SQLEXPRESS)  SQL Full-text Filter Daemon Launcher (SQLEXPRESS)	State Stopped Running Running Stopped Running	Start Mode Other (Boot, Syste Automatic Automatic Other (Boot, Syste Manual	Log On As NT AUTHORITY\L NT Service\Repor NT Service\MSSQ NT AUTHORITY\N NT Service\MSSQ
	< III			•
	II			

B.8. Close the SQL Server Configuration Manager Application.

# C. Installing Primavera P6 R8.2

- C.1. Start the Setup.exe file from the P6\_R82\_Client\_Applications Folder.
- C.2. If Prompted then Select to install Java else, Proceed from Step C.5



C.3. Click Install and wait to complete



#### C.4. Click Close



C.5. Select the Advanced Setup Type.

😸 Primavera P6 Professional R8.2 Setup	
Choose Setup Type Choose the setup type that best suits your needs	
	FOIMAVEDA
Typical Choose this option to install or upgrade only the P6 Profession for use with an existing EPPM or Professional database.	al application,
Standalone Choose this option to install or upgrade the P6 Professional ap database on this computer. For new installations, contains an	plication and option to
populate the database with sample data.	
Choose this option to select which advanced components will to change the installation location.	be installed or
<u>B</u> ack <u>N</u> ext	Cancel

C.6. Expand the Tools for P6 Professional Database and

Click the P6 Professional Database setup then select the Entire feature will be installed on local hard drive. Then Press Next Button.

Advanced Se	tup	ORACL
Select the way	you want features to be installed.	PRIMAVER
Click the icons	in the tree below to change the way	y features will be installed.
	P6 Professional Common Compo P6 Professional X ▼ Software Development K Tools for P6 Professional Databa Job Service X ▼ Administration Configura P6 Professional Databas	Allows you to create or upgrade a P6 Professional database for an existing Oracle or Microsoft SQL Server database server. This feature requires 0KB on your hard drive.
	Will be installed on loca	l hard drive
•	Entire feature will be ins	talled on local hard drive
	9 Will be installed to run f 9 图 Entire feature will be ins	rom network talled to run from network

#### C.7. Click Install



C.8. Select to Install a new database option and select Microsoft SQL Server type then press next.

Primavera Database \$	Setup Wizard		
Primavera P	5		
Install or Upgrade Prima	vera P6 databases		
Database options	Install a new database		
	Upgrade an existing database		
Server type	© <u>Q</u> rade		
	<u>M</u> icrosoft SQL Server		
		Next >	Cancel

C.9. Type in the SQLsaPASSWORD as it was created in step A.9, KEEP a record of the Database host address name which is your computer name. I will call it MYCOMP. Click next

Primavera Database Setup	Wizard	
Connection Info	rmation	
Enter the information required	to connect to the database server	
DBA <u>u</u> ser name	sa	
DBA pass <u>w</u> ord	•••••	
Database <u>h</u> ost address	GAKLAPTEC01	
Database host port	1433	
	< <u>P</u> revious	Next > Cancel

C.10. Type the Desired Database Name. I will name it PMDB. Press Next

Primavera Database Setu	up Wizard 🗖 🔲 💻	x
Configure Micr	rosoft SOL Server	
Enter the name of the data	base and the location where the data and log files will be stored.	
Database name	PMDB	
Data <u>fi</u> le	c:\Program Files\Microsoft SQL Server\MSSQL11.SQLEXPRESS\MSSQL\DATA\PMDB_DAT.MDF	
Log file	c:\Program Files\Microsoft SQL Server\MSSQL11.SQLEXPRESS\MSSQL\DATA\PMDB_LOG.LDF	
D <u>a</u> tabase code page	Database default 🗸	
	<pre> <u>                                    </u></pre>	

C.11. Create the password for privuser as privuser and for pubuser make it pubuser then click Next

Primavera Database Setup Wi Create SQL Serve Inter privileged and public user n	r <b>Users</b> ame. ser	🔲 Use existing public use	27	
P <u>r</u> ivileged user name Privileged user password Con <u>fi</u> rm password	privuser	Public user name P <u>u</u> blic user password Confirm password	pubuser           •••••••	
			Previous	ncel

C.12. Type the Primavera Admin Password. I will select P6admin then press Install

Primavera Database Setup Wizard	
Configuration Options	
Configuration Options	
Application User	
Administrative user name admin	
Administrative user password	
Load gample data	
Currency CAD - Canadian Dollar 👻	
	Install Cancel

### C.13. Click Next.

O Primave	ra Database Setup Wizard	C provide and	
Prim	avera Database Setup Wizard		
Primaver	a Database Setup Wizard		
~	Create the PPMDB tables		
<b>~</b>	Load Sample Data		
<b>~</b>	(e.g. constraints and indexes)		
			Next > Cancel

### C.14. Click Finish.

Primavera Database Setup Wizard	
Finish	
The installation has been concluded. Citle "Finish" to put the prolimition, or "black" to continue with posther installation	
The installation has been completed. Click Finish to exit the application, or Next to continue with another installation.	
<u>Next &gt;</u>	<u> </u>

C.15. In the below screen select Microsoft SQL Server driver type and click Next.

Primavera P6 Professional R8.2	x
Database Configuration	
Select Driver Type	
Please select the driver type for the P6 Professional database connection.	
If you are not sure which driver type to select, please contact your administrator	
After selecting a driver type, click Next to continue	
P6 Professional driver type Microsoft SQL Server/SQL E <del>-</del>	
Cancel Back Finis	h

C.16. Type your host name as it was in step C.9 MYCOMP and the Database name from step C.10 PMDB

Primavera P6 Professional R	8.2			×
Database Configuration				
Configure SQL	Configure SQL Server Connection			
Enter the SQL Server connec	tion information be	elow.		
<u>H</u> ost Name MYCOMP Database PMDB	name			
Cancel		Back	Next	Finish

C.17. Type the public username (pubuser) and password (pubuser) as you created them in step C.11. Click

Primavera P6 Professional	R8.2	<b>X</b>	
Databas	e Configu	uration	
Enter Public L	ogin Infor	rmation	
Enter the public username a database. The public login application's database. It s	and password to use is used to establish hould be given to ye	ise for connecting to this sh the initial connection to the you by your administrator.	
Also, specify which public g sure which public login or g	roup id you have be roup id to use, pleas	been assigned. If you are not ase contact your administrator.	
Database Alias PMDB			
Username pubuser	Password	Public group ID	
Cancel		Back Next Finish	

C.18. Click Next. If an error shows up telling that it can't connect to the SQL server then you didn't complete section B (Configuring the SQL Server to allow Primavera connection)

Primavera P6 Professional R8.2			
Database Configuration			
Validate Database Connection			
Now you are ready to validat change them.	e the settings for this alias. If any settings are incorrect, you can go back to		
Database alias	PMDB		
Username	pubuser		
Public group id	1		
	Click Next to test the database connection.		
Cancel	Back Next Finish		

### C.19. Click Finish.

Primavera P6 Professional R8.2	×
Database Conf	figuration
Connection Success	ful!
Congratulations! The database connecti selecting Finish.	on was successful. You may now return to your application by
Database alias PMDB	
🖉 Cancel	Back 🛛 Next 🔀 Finish

# C.20. Click Finish to End your Installation.

🛃 Primavera P6 Professional R8.2 Setup		
ORACLE <sup>®</sup> PRIMAVERA	Completed the Primavera P6 Professional R8.2 Setup Wizard	
	Click the Finish button to exit the Setup Wizard.	
	Back Einish Cancel	