How to install Data Protection Manager 2019 (DPM) on Server 2019

In this post, I will show you the steps involved in installing DPM 2019. I will be installing it on Server 2019 with SQL Server 2017 and Reporting Server Services 2017.

Created a virtual machine with Server 2019 and installed all the updates. Restarted the server to install the pre req.

Prerequisites for installing DPM 2019

- PowerShell 5.0 or later
- .NET Framework 3.5
- SQL Server 2017
- SQL Server Management Studio
- SQL Server Reporting Services
- Open ports 443, 1433, and 1434

PowerShell Version - \$Host. Version

```
Administrator: Windows PowerShell
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.
PS C:\Users\ADMINISTRATOR.RAMLAN> $Host.Version
Major Minor Build Revision
              17763 771
```

.NET Version - (Get-ItemProperty "HKLM:SOFTWARE\Microsoft\NET Framework

Setup\NDP\v4\Full").Release -ge 394802

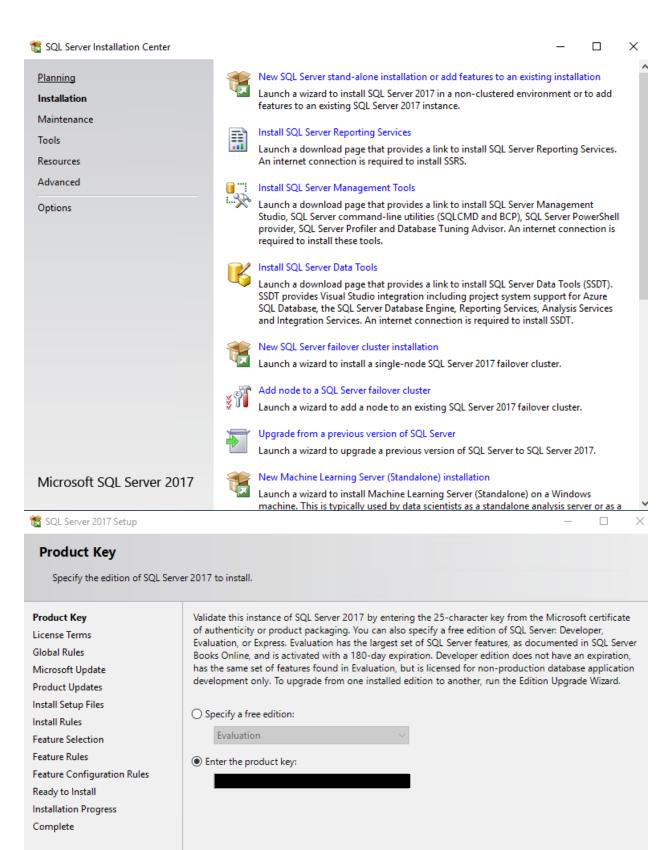
```
PS C:\Users\ADMINISTRATOR.RAMLAN> (Get-ItemProperty "HKLM:SOFTWARE\Microsoft\NET Framework Setup\NDP\v4\Full").Release
  394802
PS C:\Users\ADMINISTRATOR.RAMLAN> _
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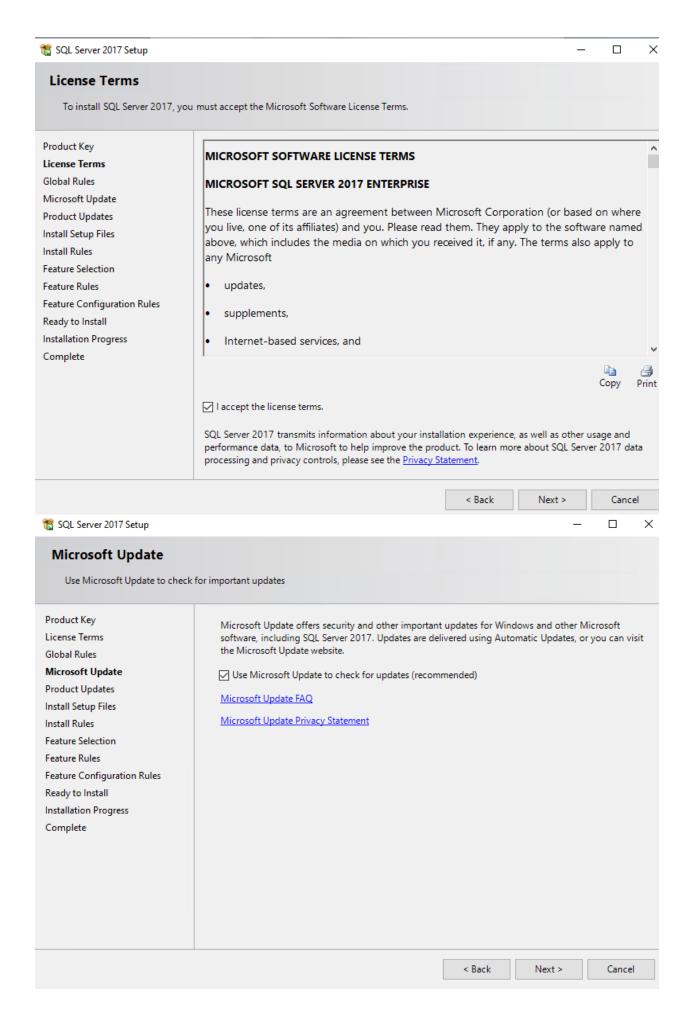
gci 'HKLM:\SOFTWARE\Microsoft\NET Framework Setup\NDP' -recurse | gp -name Version -EA 0 | where { \$.PSChildName -match '^(?!S)\p{L}'} | select PSChildName, Version

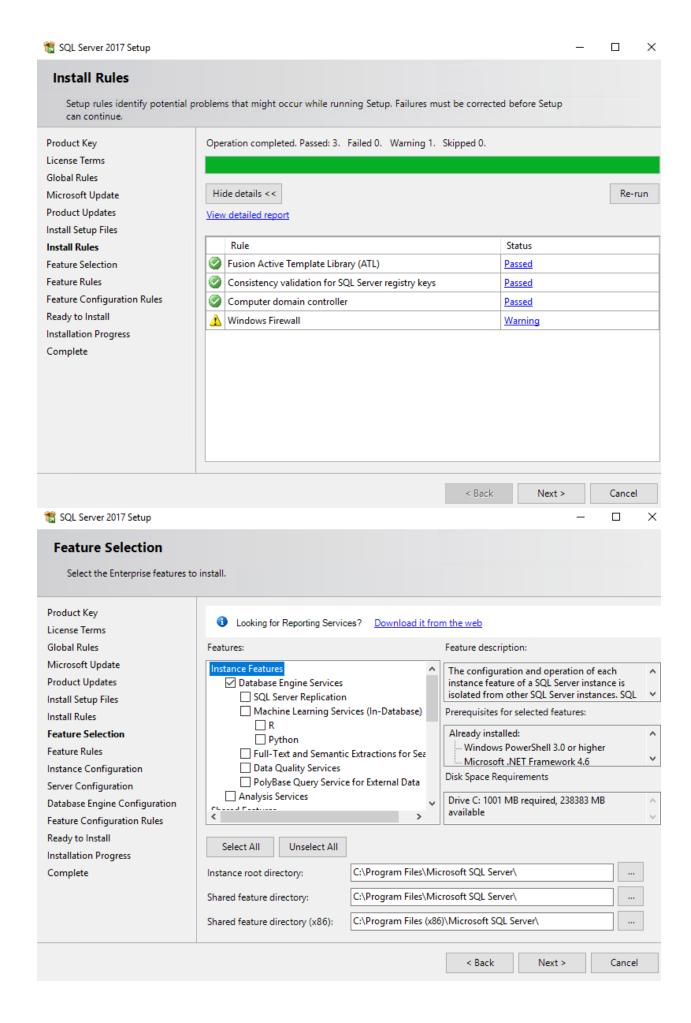
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SQL 2017:
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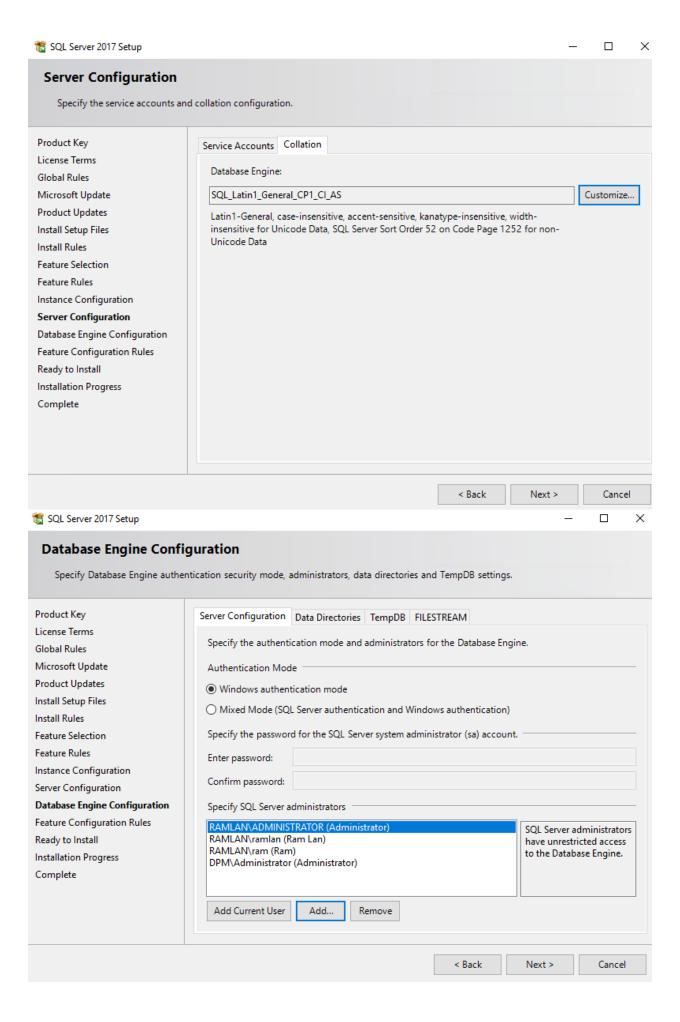
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	redist	23-Aug-2017 1:55	File folder	
78°	resources	23-Aug-2017 1:55	File folder	
A.	Tools	23-Aug-2017 1:55	File folder	
7P	<u>x64</u>	23-Aug-2017 5:52	File folder	
	<u>autorun</u>	04-Aug-2017 10:0	Setup Information	1 KB
	Medialnfo	23-Aug-2017 1:57	XML Document	1 KB
	setup	22-Aug-2017 8:38	Application	<u>107 KB</u>
	setup.exe.config	18-Aug-2017 4:41	CONFIG File	1 KB
	SqlSetupBootstrapper.dll	22-Aug-2017 8:20	Application extens	235 KB

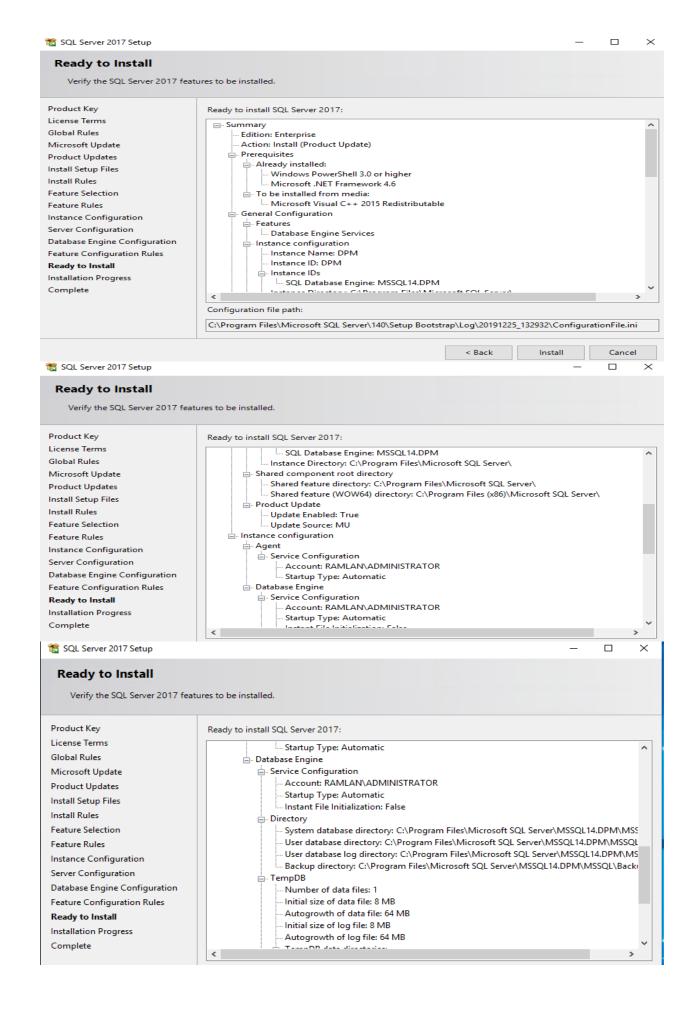


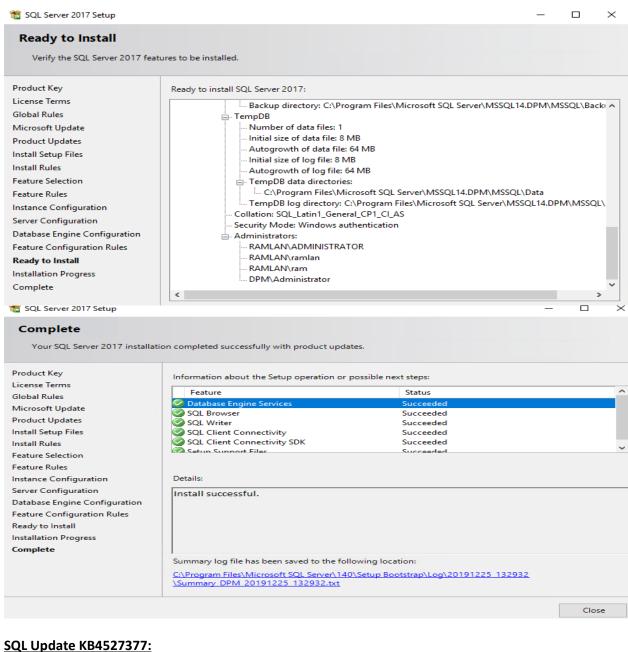


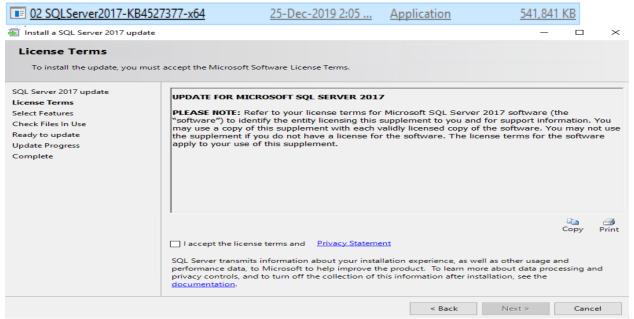


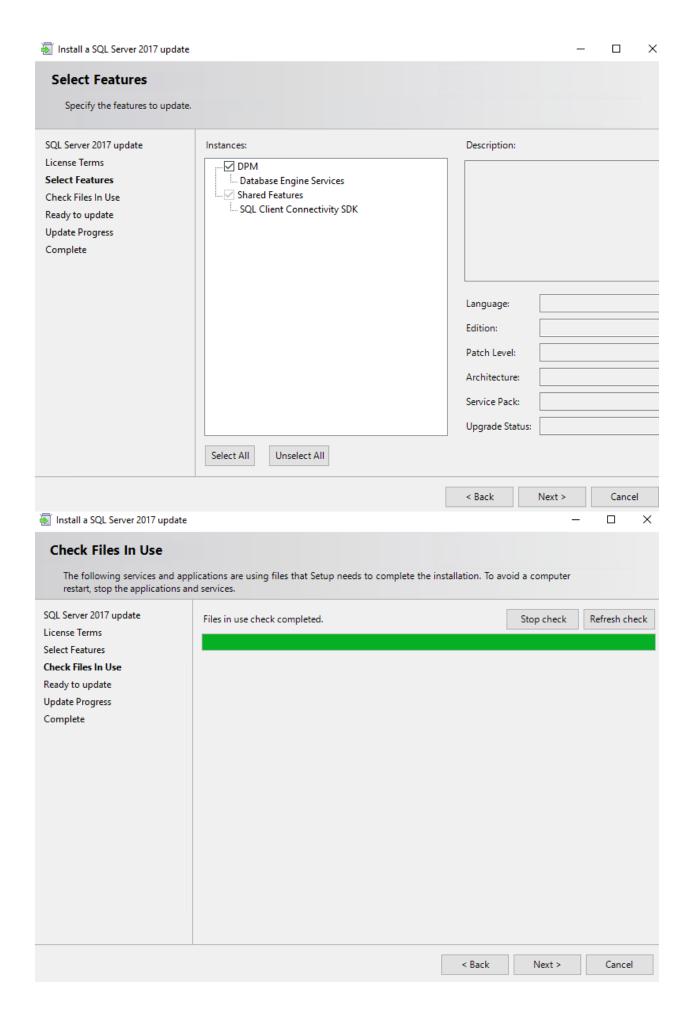
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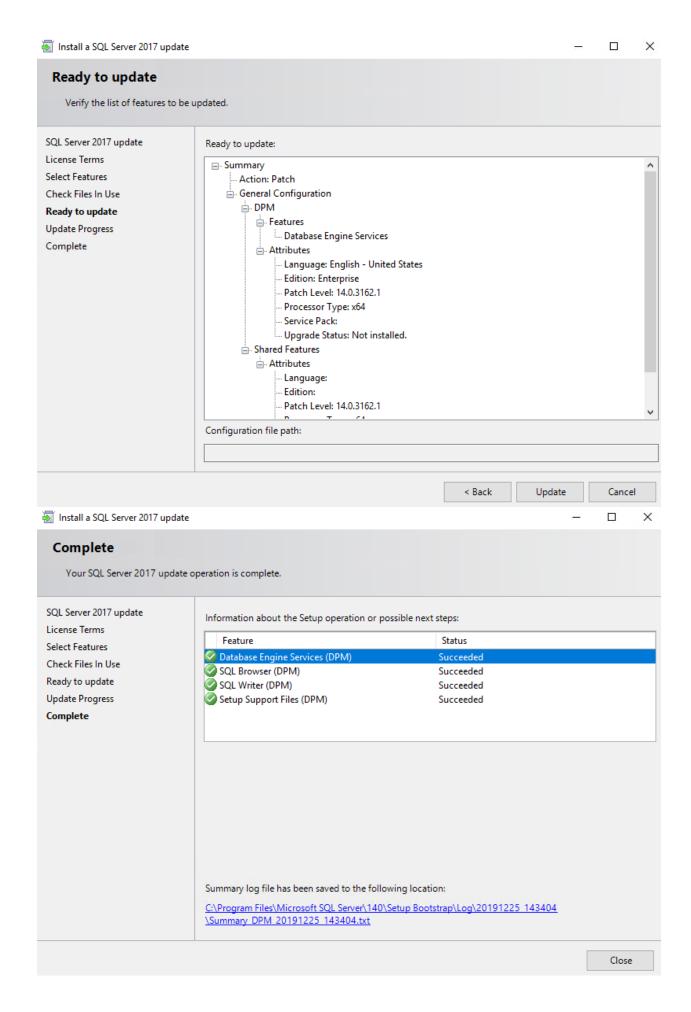












Close

Restart

Microsoft SQL Server 2017 Reporting Services

(October 2017)

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MICROSOFT SQL SERVER 2017 ENTERPRISE

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- · supplements,
- · Internet-based services, and
- · support services

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< Previous

Next >



Microsoft SQL Server 2017 Reporting Services

(October 2017)

Install Database Engine

You'll need an instance of SQL Server Database Engine to store the report server database.

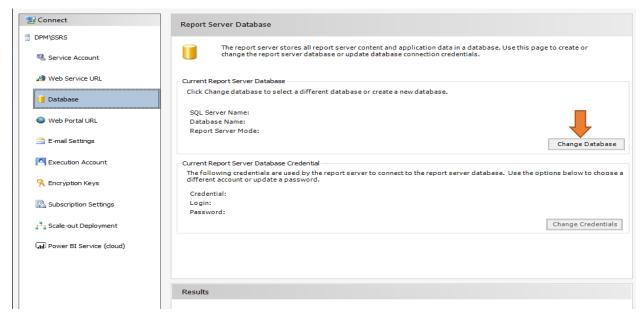
Install Reporting Services only

You'll need to have or install a Database Engine instance on this server or on a different server.

Learn more about supported Database Engine versions and editions



Connect to Report Server to complete the configuration: The Report Server Configuration Connection \times Report Server Connection Please specify a server name, click the Find button, and select a report server instance to configure. Server Name: DPM Find Report Server Instance: SSRS Cancel Connect 🕎 Connect Service Account □ DPM\SSRS Specify a built-in account or Windows domain user account to run the report server service. Service Acco DPM\SSRS Report Server Service Account Web Service URL Choose an option to set the service account and then click Apply. Use built-in account: O Use another account: Web Portal URL Account (Domain\user): Password: % Encryption Keys Subscription Settings 📇 Scale-out Deployment Power BI Service (cloud) Results Starting report server "SSRS" on DPM. Stopping report server "SQLServerReportingServices" on DPM. Starting report server "SQLServerReportingServices" on DPM. Сору The task completed successfully. Exit 👺 Connect Web Service URL ■ DPM\SSRS Configure a URL used to access the Report Server. Click Advanced to define multiple URLs for a single Report Server instance, or to specify additional parameters on the URL. Service Account Report Server Web Service Virtual Directory 🧀 Web Service URL Virtual Directory: ReportServer_DPM Database Report Server Web Service Site identification All Assigned (Recommended) Web Portal URL 80 🚖 E-mail Settings HTTPS Certificate: (Not Selected) HTTPS Port: Advanced... Execution Account Report Server Web Service URLs % Encryption Keys http://DPM:80/ReportServer_DPM URLs: Subscription Settings Scale-out Deployment Power BI Service (cloud) Results Reserving url http://+:80 Stopping report server "SQLServerReportingServices" on DPM. Starting report server "SQLServerReportingServices" on DPM. Сору The task completed successfully.

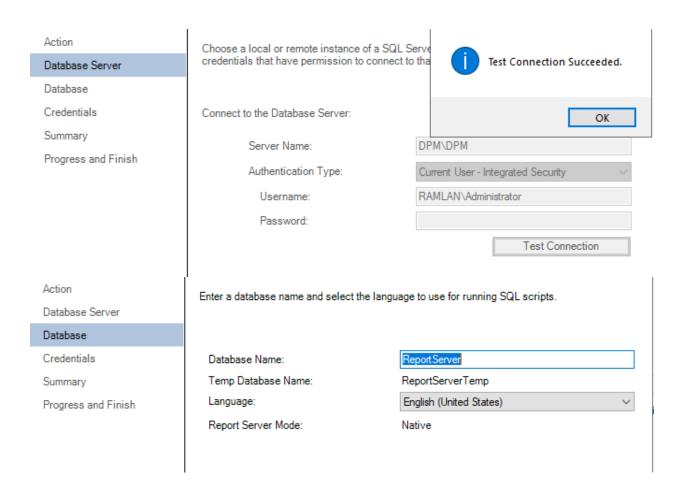


Select one of the following options to create an empty report server database or select an existing report server database that has content you want to use.

Select a task from the following list:

Create a new report server database.

 Choose an existing report server database.



Action Database Server Database Credentials Summary Progress and Finish Action Database Server Database Credentials Summary Progress and Finish Action Database Server

Summary
Progress and Finish

Database Credentials Specify the credentials of an existing account that the report server will use to connect to the report server database. Permission to access the report server database will be automatically granted to the account you specify.

Credentials:

Authentication Type:

User name:

Password:

Service Credentials

NT Authority\Network Service

The following information will be used to create a new report server database. Verify this information is correct before you continue.

SQL Server Instance: DPM\DPM
Report Server Database: ReportServer

Temp Database: ReportServerTempDB
Report Server Language: English (United States)

Report Server Mode: Native

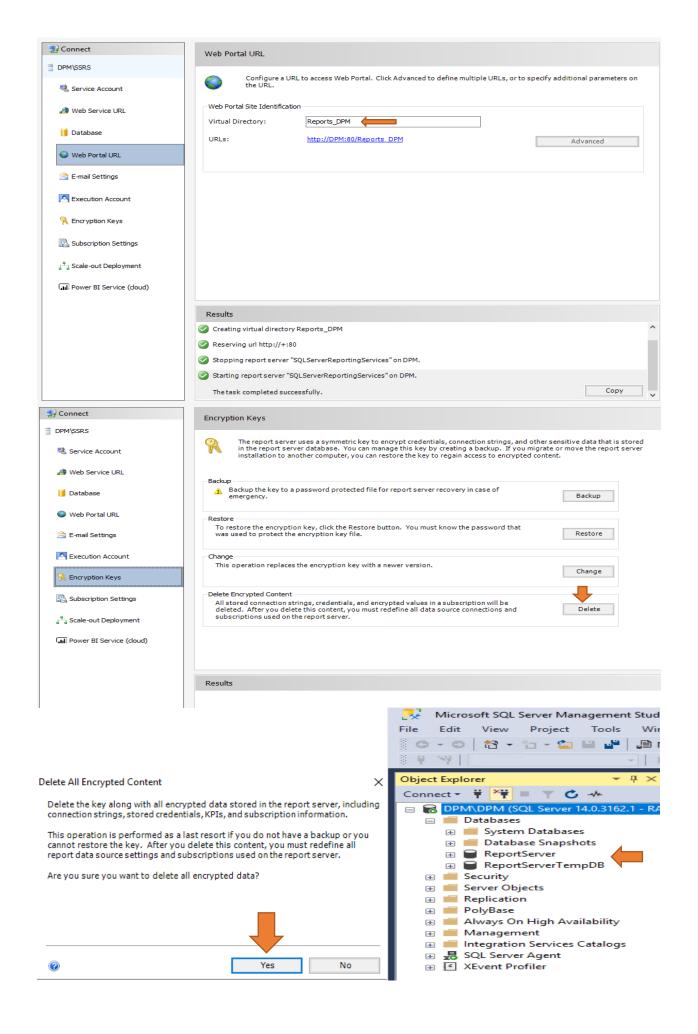
Authentication Type: Service Account

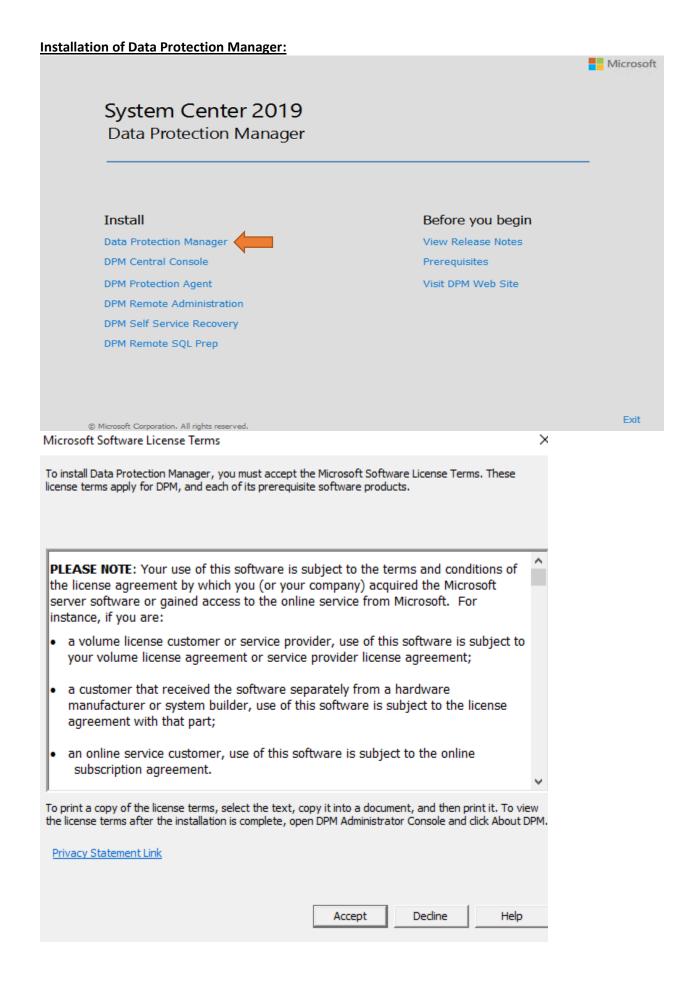
Username: NT Authority\Network Service

Password:

Please wait while the Report Server Database Configuration wizard configures the database. This might take several minutes to complete.

Verifying database sku	Success
Generating database script	Success
Running database script	Success
Generating rights scripts	Success
Applying connection rights	Success
Setting DSN	Success
	·

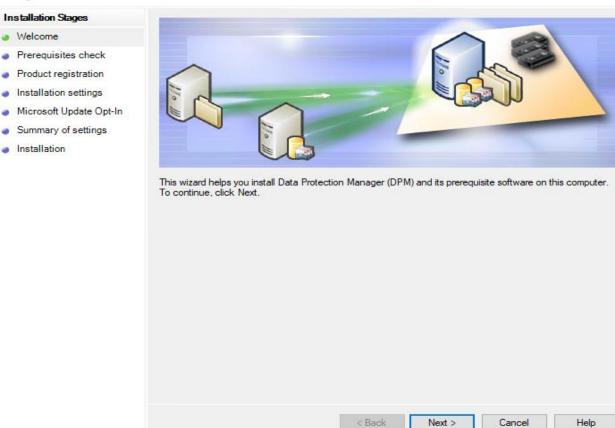






Welcome

Welcome to the Microsoft System Center Data Protection Manager Setup wizard.







Prerequisites Check

Please wait while the wizard checks for required hardware and software.

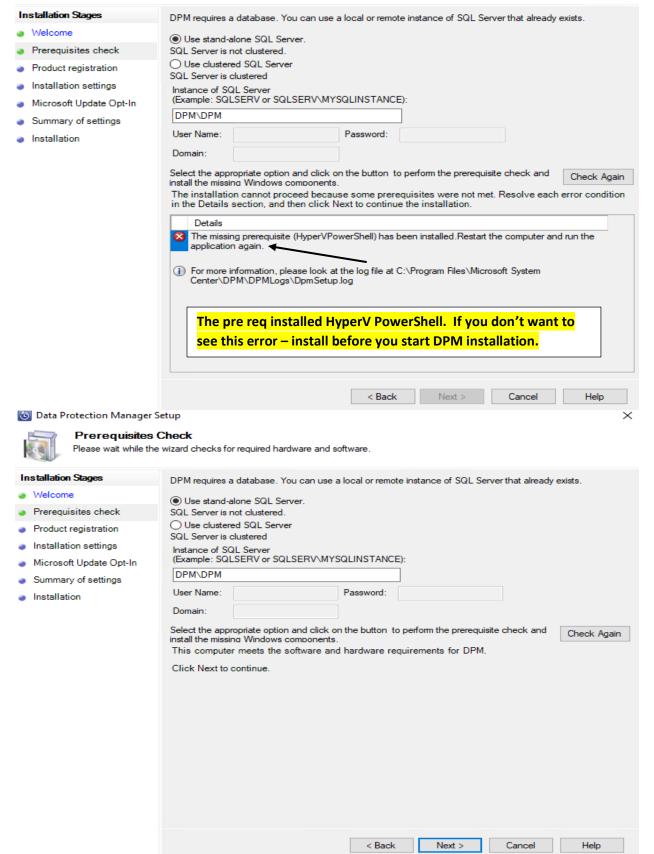
Installation Stages	DPM requires a database. You can use a local or remote instance of SQL Server that already exists.					
Welcome	Use stand-alone SQL Server.					
Prerequisites check	SQL Server is not clustered.					
 Product registration 	Use clustered SQL Server SQL Server is clustered Instance of SQL Server					
 Installation settings 						
 Microsoft Update Opt-In 	(Example: SQLSERV or SQLSERV\MYSQLINSTANCE): DPM\DPM					
 Summary of settings 						
 Installation 	User Name: Password:					
	Domain:					
	Select the appropriate option and click on the button to perform the prerequisite check and Install the missing Windows components. Check and Install					
	< Back Next > Cancel Help					





Prerequisites Check

Please wait while the wizard checks for required hardware and software.

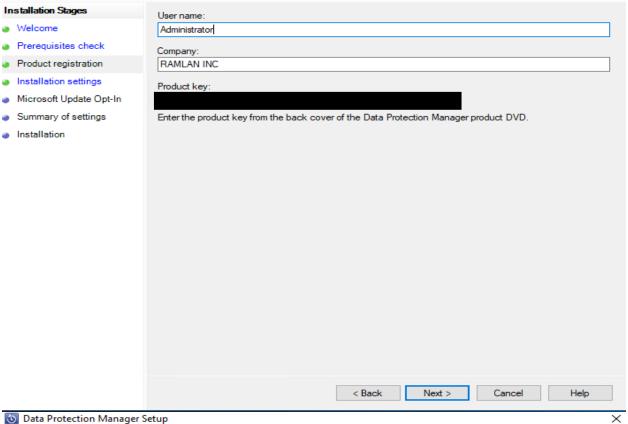


Data Protection Manager Setup



Product Registration

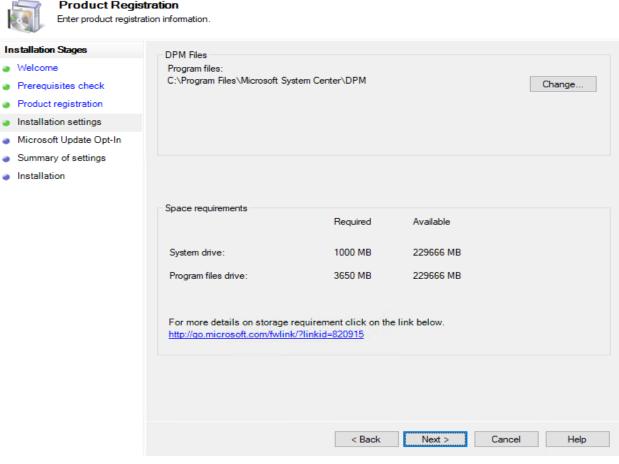
Enter product registration information.







Product Registration





Microsoft Update Opt-In

Installation Stages Welcome Prerequisites check Product registration Installation settings Microsoft Update Opt-In Summary of settings Installation



Microsoft Update offers security and important updates for Windows and other Microsoft products, including Data Protection Manager. Updates are delivered using your Automatic Updates setting, or you can visit the Microsoft Update Web site.

If you select to use Microsoft Update, a new shortcut to the service will be placed on the Start menu, and the Windows Update icon will redirect to Microsoft Update.

< Back

Next >

Cancel

Help

×



Use Microsoft Update when I check for updates (recommended)



I do not want to use Microsoft Update

See the Microsoft Update FAQ

Privacy Statement

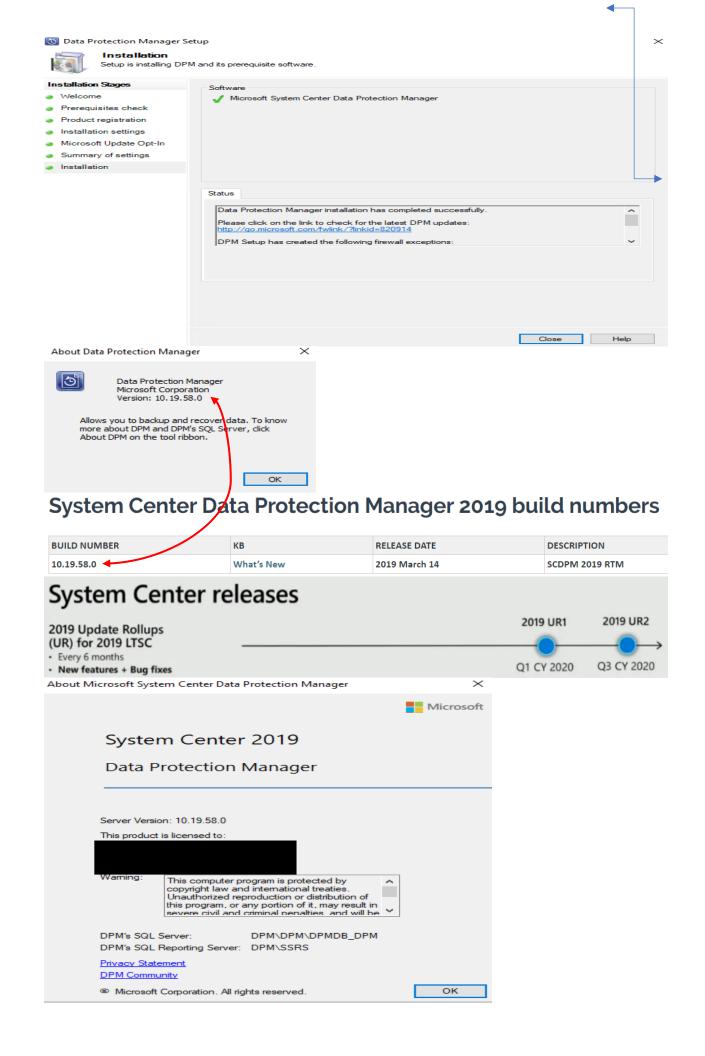
Data Protection Manager Setup

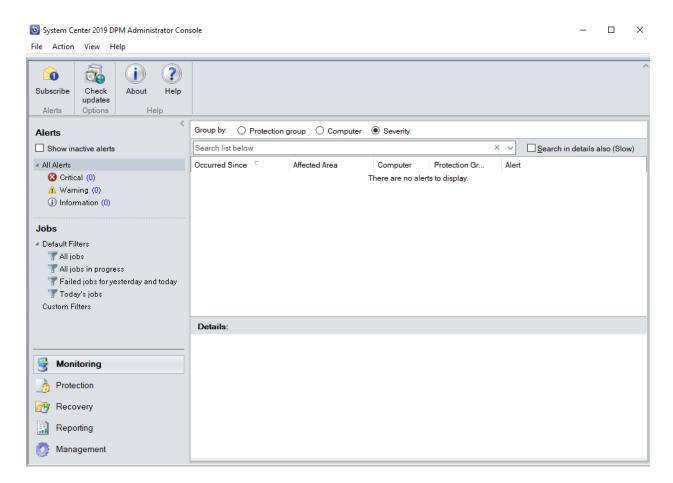


Microsoft Update Opt-In

Installation Stages Welcome Prerequisites check Product registration Installation settings Microsoft Update Opt-In Summary of settings Installation

User name: Administrator Company: RAMLAN INC SQL Server instance: DPM\DPM DPM\SSRS Reporting instance: C:\Program Files\Microsoft System Center\DPM Program files location: < Back Install Cancel Help





This concludes DPM 2019 install. Now, I will install any updates pertaining to DPM 2019 directly from Microsoft site.

Thanks

Ram Lan 25th Dec 2019