

Pre-Deployment Tasks

Last updated by | Mazen Ahmed | May 28, 2020 at 4:12 PM GMT+3

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Introduction

System Center Enterprise Dashboards solution is built on top of Power BI Reporting Services. Power BI Report Server is an on-premises report server with a web portal in which you display and manage reports and KPIs. Along with it come the tools to create Power BI reports, paginated reports, mobile reports, and KPIs. Your users can access those reports in different ways: viewing them in a web browser or mobile device, or as an email in their in-box.

Download Power BI Reporting Server

<https://powerbi.microsoft.com/en-us/report-server/>

Before you install Power BI Report Server

Hardware and software requirements

<https://docs.microsoft.com/en-us/power-bi/report-server/system-requirements>

Licenses and Pricing

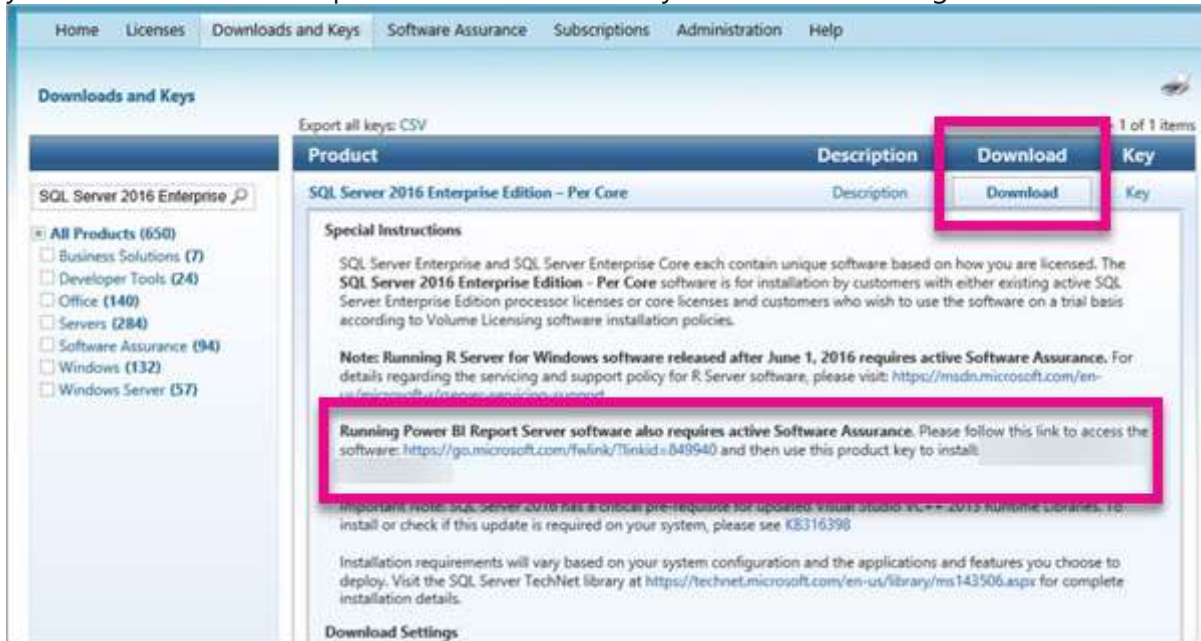
<https://powerbi.microsoft.com/en-us/pricing/>

Power BI Report Server is included with SQL Server Enterprise with Software Assurance.

<https://community.powerbi.com/t5/Report-Server/Power-BI-Report-Server-pricing/td-p/257441>

Power BI License

you can find Power BI Report Server Activation Key at Volume Licensing as below screenshot.



Install Power BI Report Server

- 1- Browse to Power BI Report Server Download page
- 2- Download **PowerBIReportServer.exe** and **PBIDesktopRS_Version.msi**

Choose the download you want

<input type="checkbox"/> File Name	Size
<input checked="" type="checkbox"/> PowerBIReportServer.exe	322.1 MB
<input type="checkbox"/> PBIDesktopRS.msi	225.4 MB
<input checked="" type="checkbox"/> PBIDesktopRS_x64.msi	246.2 MB

Download Summary:
KBMBGB

1. PowerBIReportServer.exe
2. PBIDesktopRS_x64.msi

Total Size: 568.3 MB

Next

- 3- Copy Power BI Report Server installation file to Report Server

- 4- On Welcome Page click on **Install Power BI Report Server**



Microsoft Power BI Report Server

(January 2020)

Welcome

Install Power BI Report Server

Power BI Report Server transmits information about your installation experience, as well as other usage and performance data, to Microsoft to help improve the product. To learn more about Power BI Report Server data processing and privacy controls, please see [Privacy Statement](#). Learn how to opt out of collection [here](#).

5- Select Edition, insert Power BI Report Server Key and click Next

Microsoft Power BI Report Server

(January 2020)

Choose an edition to install

☐ Choose a free edition:

Evaluation (expires in 180 days)

☒ Enter the product key:

12345-12345-12345-12345-12345

[Learn more](#)

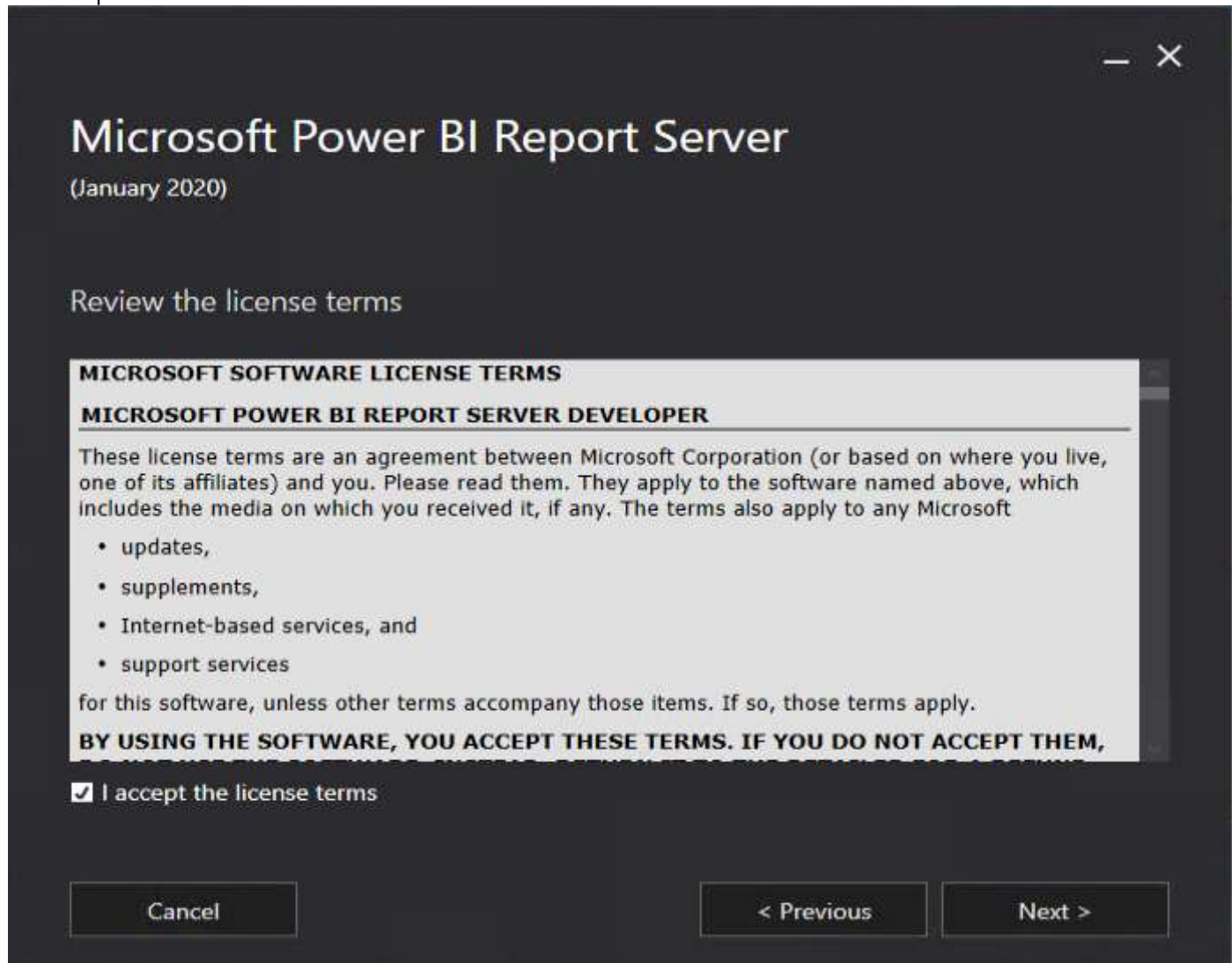
To proceed, please enter a valid 25-character license key.

Cancel

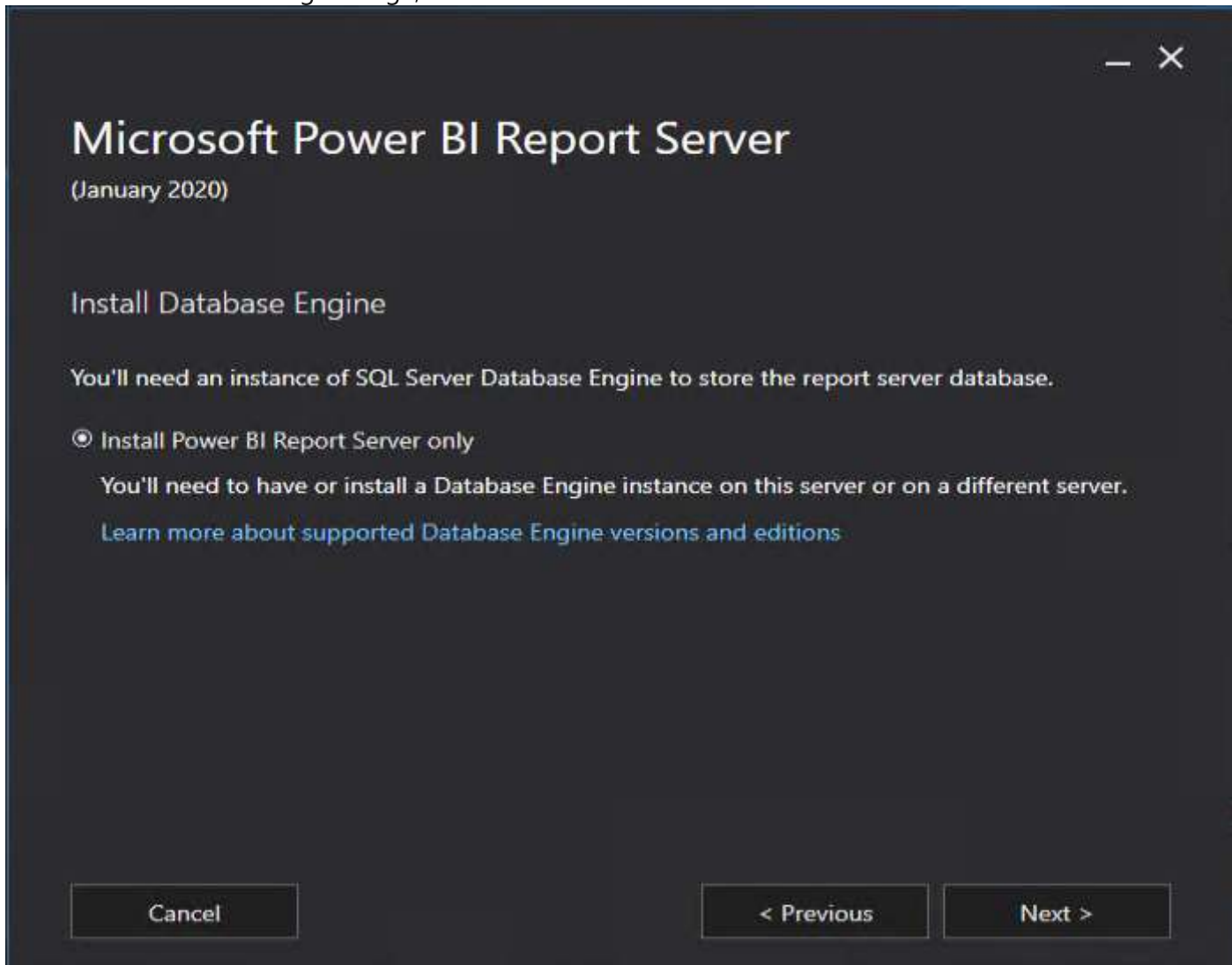
< Previous

Next >

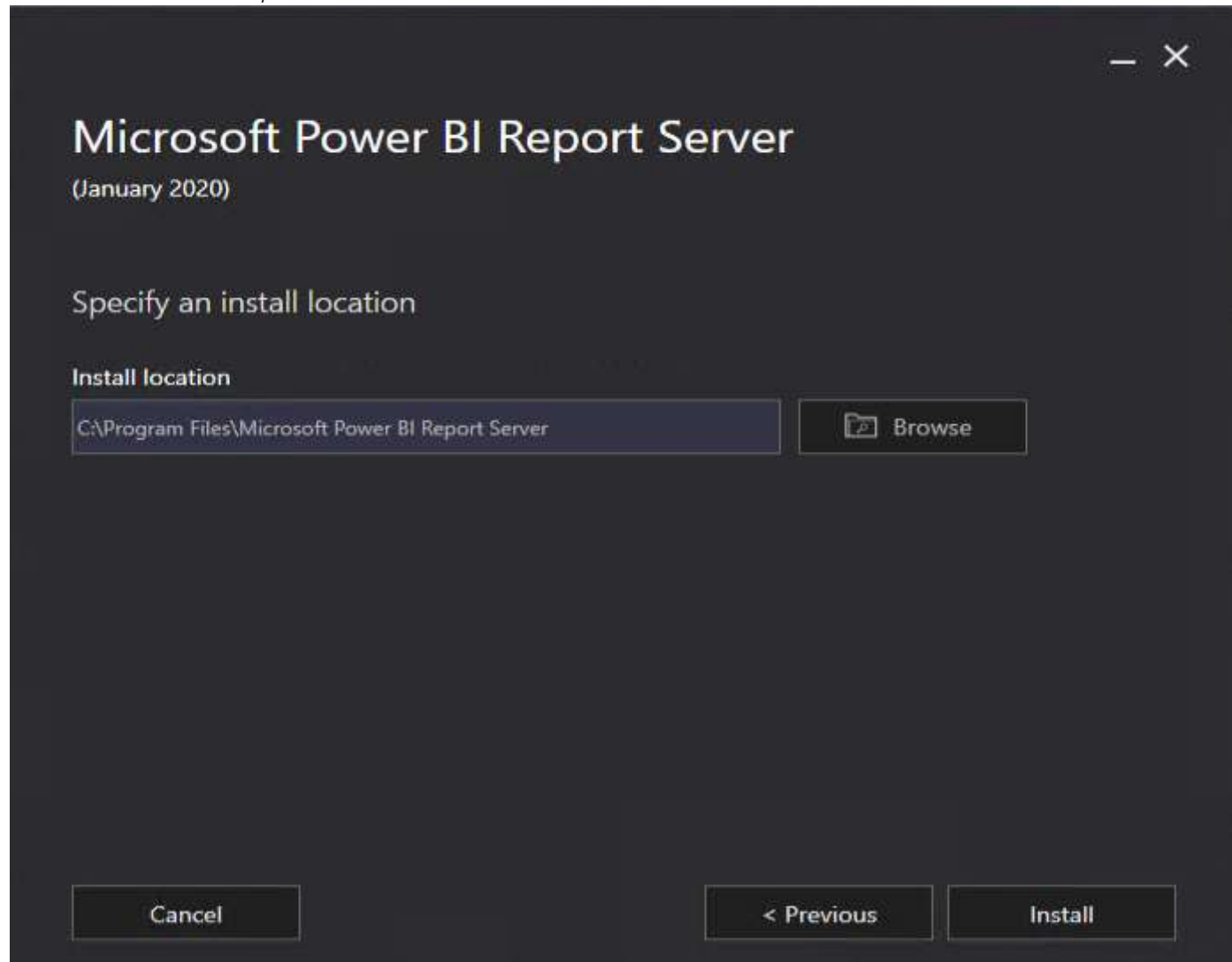
6- Accept License Terms and click **Next**



7- On Install Database Engine Page, Click **Next**

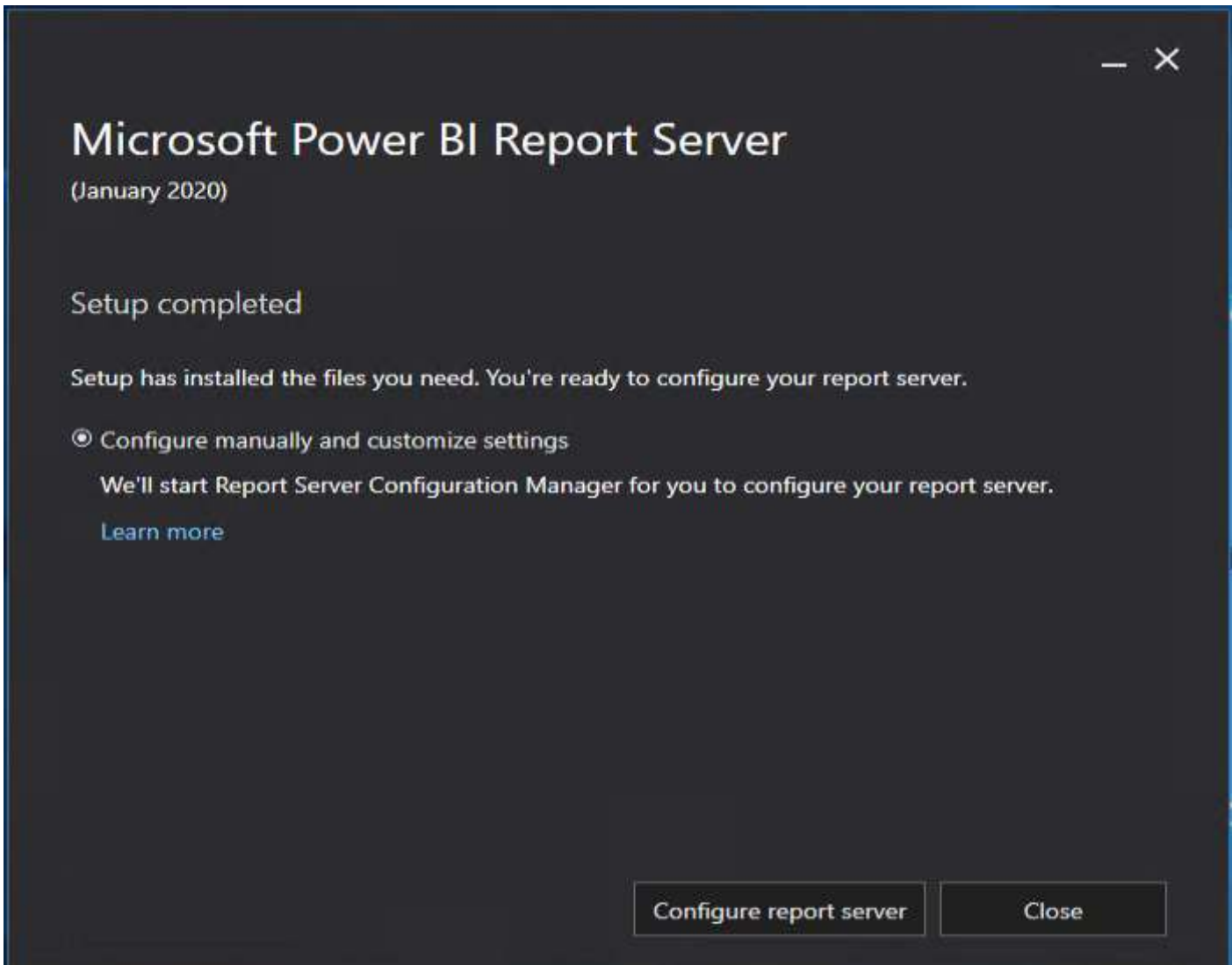


8 On Installation Path, Select Install Location and Click **Install**



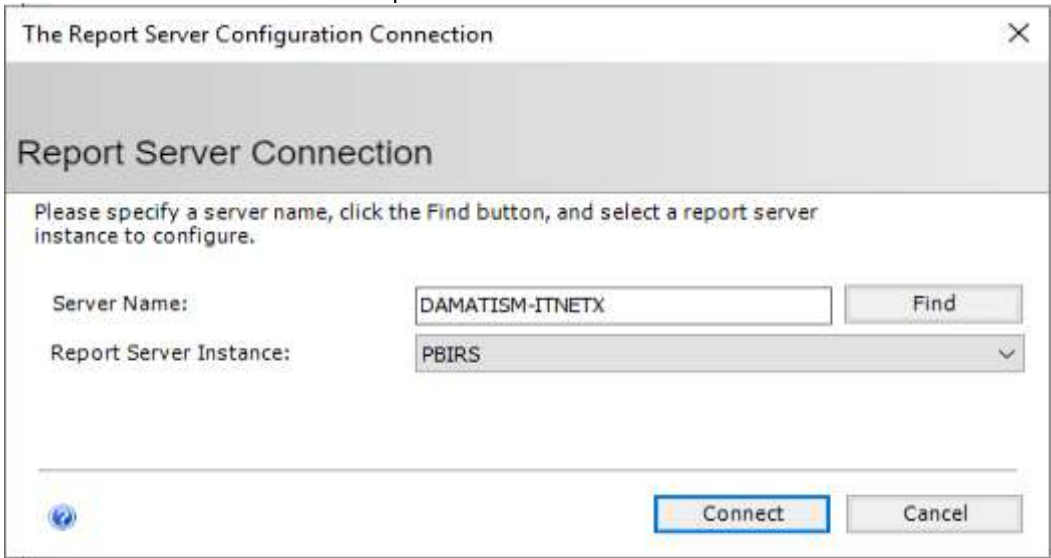
Configure Power BI Report Server

After Installation Completes, click on **Configure report server**. also, you can find this in start menu in case you want to do this task later.

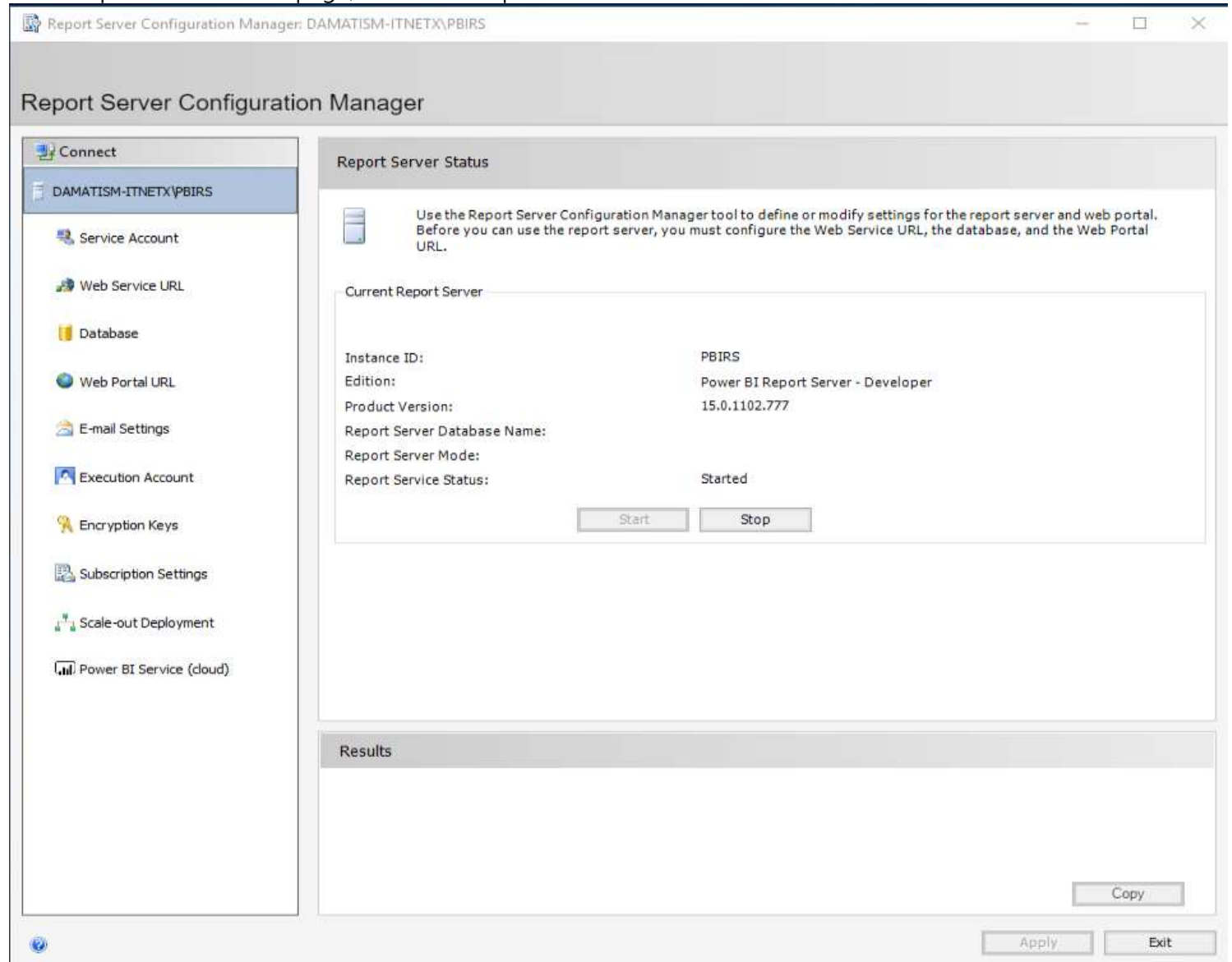


This will open Report Server Configuration Manager

1- Select Server name and Report server instance then click **Connect**



2- On report server status page, make sure report service status is started.



3- Click **Service Account** tab. Select required account to run Report Server service and click **Apply**

Report Server Configuration Manager: DAMATISM-ITNETX\PBIRS

Report Server Configuration Manager

Connect

- DAMATISM-ITNETX\PBIRS
- Service Account**
- Web Service URL
- Database
- Web Portal URL
- E-mail Settings
- Execution Account
- Encryption Keys
- Subscription Settings
- Scale-out Deployment
- Power BI Service (cloud)

Service Account

Specify a built-in account or Windows domain user account to run the report server service.

Report Server Service Account
Choose an option to set the service account and then click Apply.

☐ Use built-in account: Virtual Service Account

☒ Use another account:

Account (Domain\user): Damatiman\pmAdmin

Password:

Results

Copy

Apply Exit

4- Select **Web Service URL** tab and Click **Apply**

Report Server Configuration Manager: DAMATISM-ITNETX\PBIRS


Report Server Configuration Manager

Connect

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Web Service URL

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.

 Report Server Web Service is not configured. Default values have been provided to you. To accept these defaults simply press the Apply button, else change them and then press Apply.

Report Server Web Service Virtual Directory

Virtual Directory:

Report Server Web Service Site identification

IP Address:

TCP Port:

HTTPS Certificate:

HTTPS Port:

Report Server Web Service URLs

URLs:

Results

5- Select **Database** tab, Click on **Change Database**

Report Server Configuration Manager: DAMATISM-ITNETX\PBIRS

Report Server Configuration Manager

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Report Server Database

The report server stores all report server content and application data in a database. Use this page to create or change the report server database or update database connection credentials.

Current Report Server Database

Click Change database to select a different database or create a new database.

SQL Server Name:
Database Name:
Report Server Mode:

Change Database

Current Report Server Database Credential

The following credentials are used by the report server to connect to the report server database. Use the options below to choose a different account or update a password.

Credential:
Login:
Password:

Change Credentials

Results

Copy

Apply Exit

6- on Change Database Windows, select **Create a new report server database** and click **Next**

The screenshot shows the 'Report Server Database Configuration Wizard' window. The title bar reads 'Report Server Database Configuration Wizard'. The main heading is 'Change Database' with the instruction 'Choose whether to create or configure a report server database.' Below this is a table with two columns. The left column, titled 'Action', lists the steps: 'Database Server', 'Database', 'Credentials', 'Summary', and 'Progress and Finish'. The right column contains instructions and options. It says '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.' followed by 'Select a task from the following list:'. There are two radio button options: 'Create a new report server database.' (which is selected) and 'Choose an existing report server database.' At the bottom right are three buttons: 'Previous', 'Next' (highlighted with a blue border), and 'Cancel'.

Action	
Database Server	<p>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.</p> <p>Select a task from the following list:</p> <p><input checked="" type="radio"/> Create a new report server database.</p> <p><input type="radio"/> Choose an existing report server database.</p>
Database	
Credentials	
Summary	
Progress and Finish	

Previous Next Cancel

7- Write SQL Server DB Engine that will host Report Server database. Click **Test Connection** and confirm Test Connection succeed then click **Ok** then Click **Next**

Report Server Database Configuration Wizard

Change Database

Choose whether to create or configure a report server database.

Action

Database Server

Database

Credentials

Summary

Progress and Finish

Choose a local or remote instance of a SQL Server Database Engine and specify credentials that have permission to connect to that server.

Connect to the Database Server:

Server Name: DAMATISQL\SCOM

Authentication Type: Current User - Integrated Security

Username: DAMATIMAN\amAdmin

Password:

Test Connection

Test Connection Succeeded.

OK

Previous Next Cancel

8- Enter Database name or keep default name then click **Next**

Report Server Database Configuration Wizard

Change Database

Choose whether to create or configure a report server database.

Action

Database Server

Database

Credentials

Summary

Progress and Finish

Enter a database name and select the language to use for running SQL scripts.

Database Name: ReportServer_PBIReport

Temp Database Name: ReportServer_PBIReportTemp

Language: English (United States)

Report Server Mode: Native

Previous Next Cancel

9- make sure credentials set properly to create required database and click **Next**

Report Server Database Configuration Wizard

Change Database

Choose whether to create or configure a report server database.

Action	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.
Database Server	
Database	
Credentials	
Summary	
Progress and Finish	

Credentials:

Authentication Type: Service Credentials

User name: Damatiman\omAdmin

Password:

Previous Next Cancel

10- in Summary Page, verify information and click **Next**

Report Server Database Configuration Wizard

Change Database

Choose whether to create or configure a report server database.

Action	The following information will be used to create a new report server database. Verify this information is correct before you continue.
Database Server	
Database	
Credentials	
Summary	
Progress and Finish	

SQL Server Instance: DAMATISQL\SCOM

Report Server Database: ReportServer_PBIReport

Temp Database: ReportServer_PBIReportTempDB

Report Server Language: English (United States)

Report Server Mode: Native

Authentication Type: Service Account

Username: Damatiman\omAdmin

Password: *****

Previous Next Cancel

11- Make sure Database created successfully and click **Finish**

Report Server Database Configuration Wizard

Change Database

Choose whether to create or configure a report server database.

Action

Database Server

Database

Credentials

Summary

Progress and Finish

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

Previous

Finish

Cancel

12- Select **Web Portal URL** page and Click **Apply**

Report Server Configuration Manager: DAMATISM-ITNETX\PBIRS


Report Server Configuration Manager

Connect

- DAMATISM-ITNETX\PBIRS
- Service Account
- Web Service URL
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Web Portal URL

Configure a URL to access Web Portal. Click Advanced to define multiple URLs, or to specify additional parameters on the URL.

 The Web Portal virtual directory name is not configured. To configure the directory, enter a name or use the default value that is provided, and then click Apply.

Web Portal Site Identification

Virtual Directory:

URLs:

Results

13- Verify Web Portal URL deployment succeed and **click on the URL**

Report Server Configuration Manager: DAMATISM-ITNETX\PBIRS

Report Server Configuration Manager

Connect

- DAMATISM-ITNETX\PBIRS
- Service Account
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Web Portal URL

Configure a URL to access Web Portal. Click Advanced to define multiple URLs, or to specify additional parameters on the URL.

Web Portal Site Identification

Virtual Directory:

URLs: <http://DAMATISM-ITNETX:80/Reports>

Results

- ✓ 22:45:54.6249 | Reserving url http://+:80
- ✓ 22:45:54.7030 | Reserving url http://+:80
- ✓ 22:45:55.2188 | Stopping report server "PowerBIReportServer" on DAMATISM-ITNETX.
- ✓ 22:45:56.0828 | Starting report server "PowerBIReportServer" on DAMATISM-ITNETX.

The task completed successfully.

14- Make sure Report Server URL is working fine.

