

Azure RDS Manager Deployment Guide

Step #2 How to Set Up Azure SQL

Prepared for

Service Providers

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Revision and Signoff Sheet

Change Record

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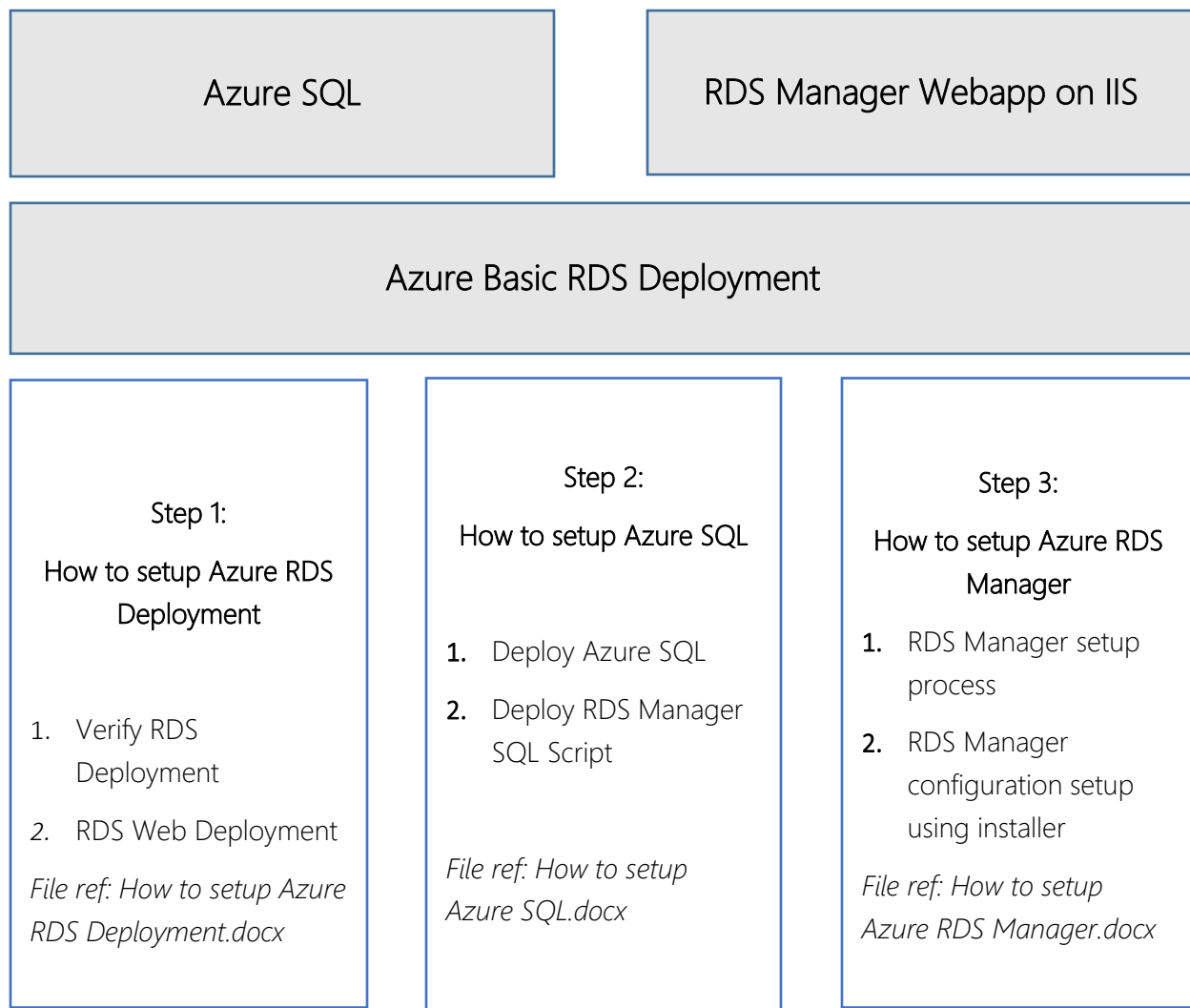
Introduction

This document provides a step-by-step guide to create a database on Azure and deploy the Remote Desktop Services (RDS) Manager SQL script.

About This Document

This document describes the Azure Basic RDS Manager Farm Deployment. The complete installation is divided into 3 steps.

This document covers Step 2.



Prerequisites

1. You must have a valid Azure user account with an Azure Subscription
2. To Access and Manage the Azure Resource Manager resources, you must be an Owner/Contributor
3. Deploy RDS Manager SQL Scripts

Deploying a New SQL Server Instance to an Existing RDS Farm Resource Group

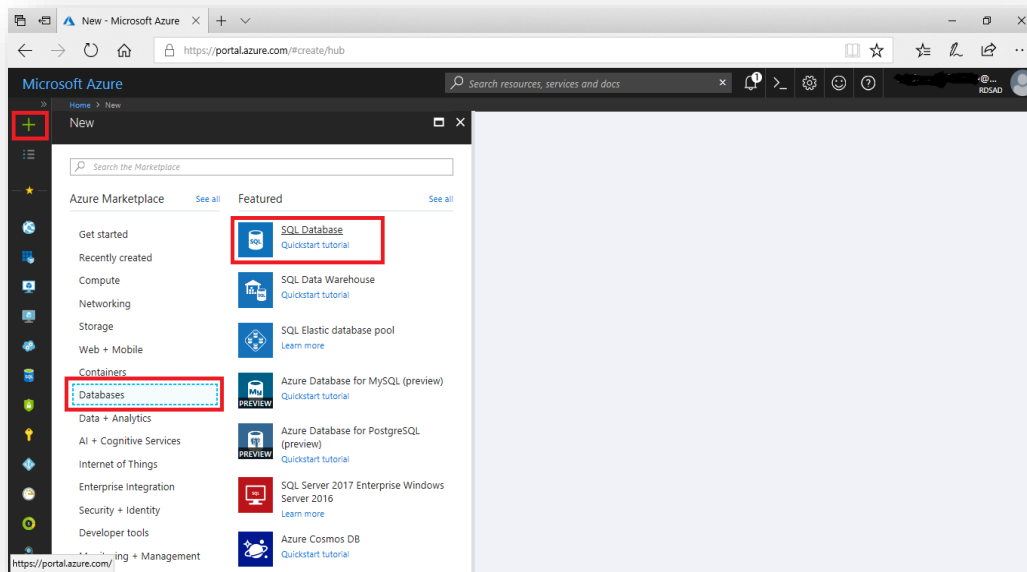
Deploying Azure SQL

Azure SQL Database is a fully-managed relational cloud database service where we can create databases that have separate pricing tiers

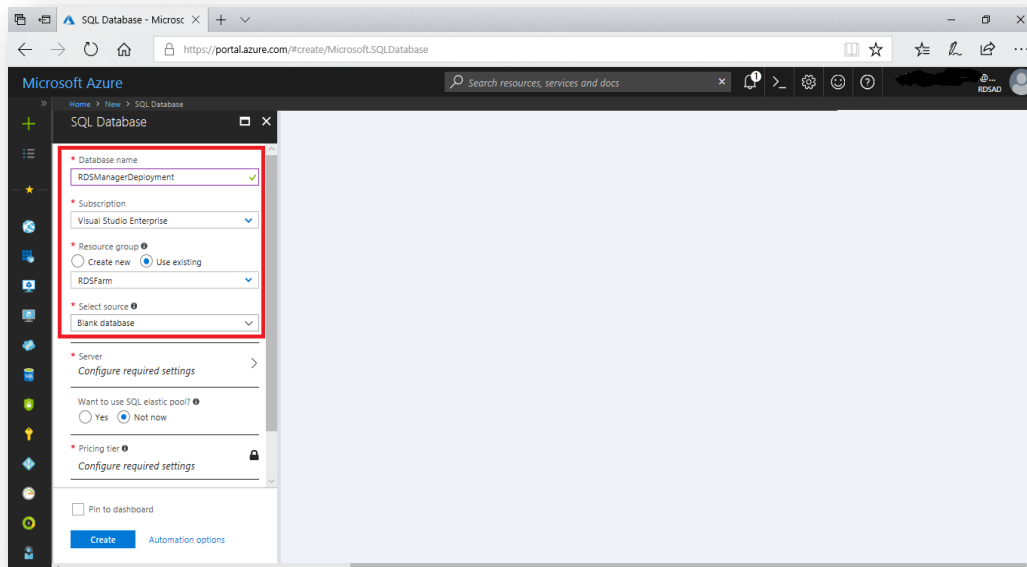
Use the following steps to create a new Azure SQL Database

1. You can always use an existing Azure SQL Database if you already have one running
2. Login to the Azure portal at <https://portal.azure.com> and specify login details
 - Note: User must be an Owner, Contributor, or SQL Server Contributor and SQL DB Contributor to create a new Azure SQL server
3. In the **Microsoft Azure Portal**, on the top left of the screen, click the + icon (**New**) and then click **Databases**

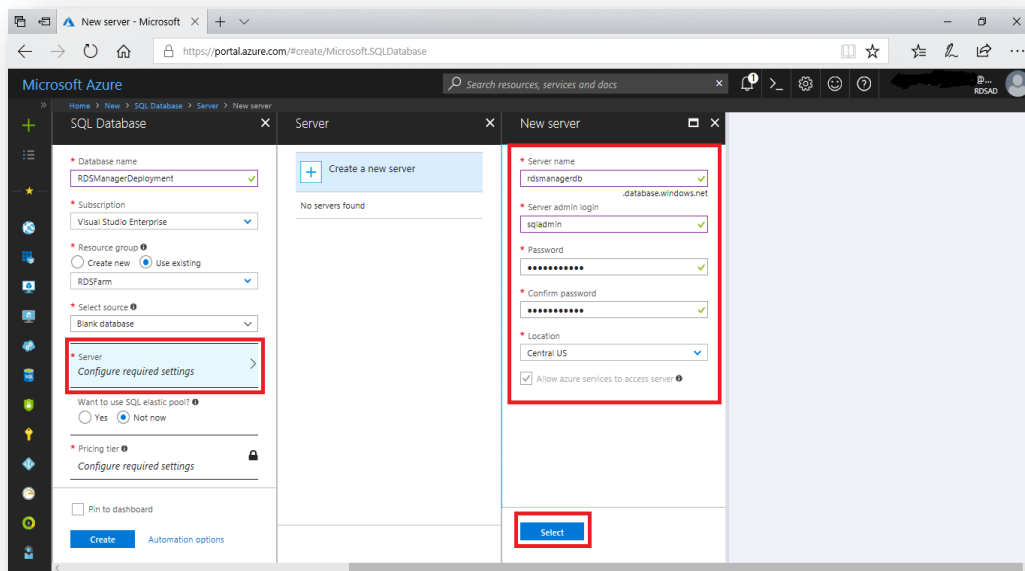
- From the right-side panel, click **SQL Database**



- Specify the following details in the fields that appear on the left side of the **SQL Database** panel

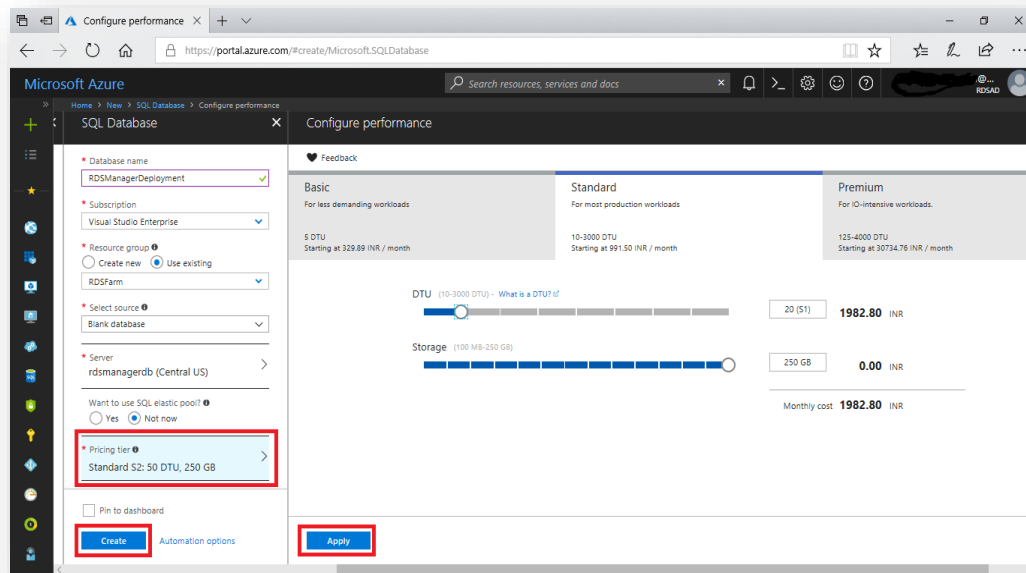


- **Database name:** This can be of user's choice. We recommend **RDSManagerDeployment**
 - **Subscription:** Specify the subscription from the dropdown list. We recommend that you use the same subscription that is used for **RDSFarm**
 - **Resource Group:** Specify the existing RDS Farm Deployed resource group or create a new Resource Group
 - **Select source:** Specify **Blank database** from the dropdown list
6. Use the following steps to create and configure **SQL server** settings. Skip to this step if there is already a Server created
- a. Click the **Server** tab on the left side of the **SQL Database** page and specify details as follows

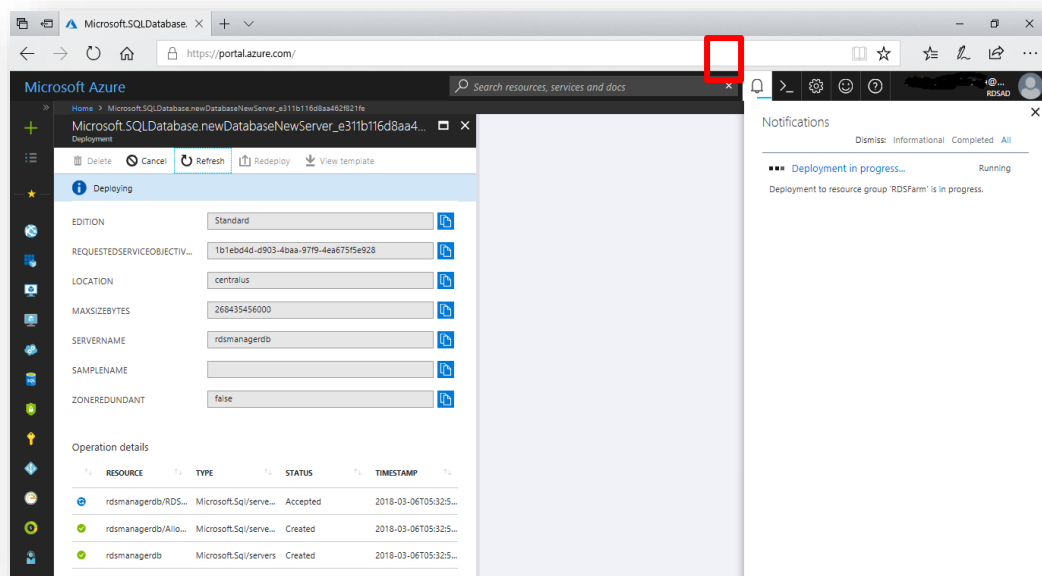


- **Server name:** Specify a unique server name. If you already have an Azure SQL server, you can select it from the list of Servers
- **Server admin login:** Specify the server username to be used
- **Password:** Specify the password to be used. The password must contain 1 uppercase character, 1 lowercase character, 1 number, 1 special character, and a maximum of 8 characters
- **Confirm password:** Re-enter the password
- **Location:** Specify the location from the dropdown list. We recommend that you use the same location as the RDSFarm
- Click **Select**

- Specify the pricing tier for the database and create a new Azure SQL database
 - RDS Manager is very light on Database interactions. We recommend using a low-price tier. There is flexibility to scale the DB as required in the future
7. **Collation** can be set to default
 8. Create an Azure SQL Server and Database
 - On the left side of the **SQL Database** page, after completing the required details, click **Create**

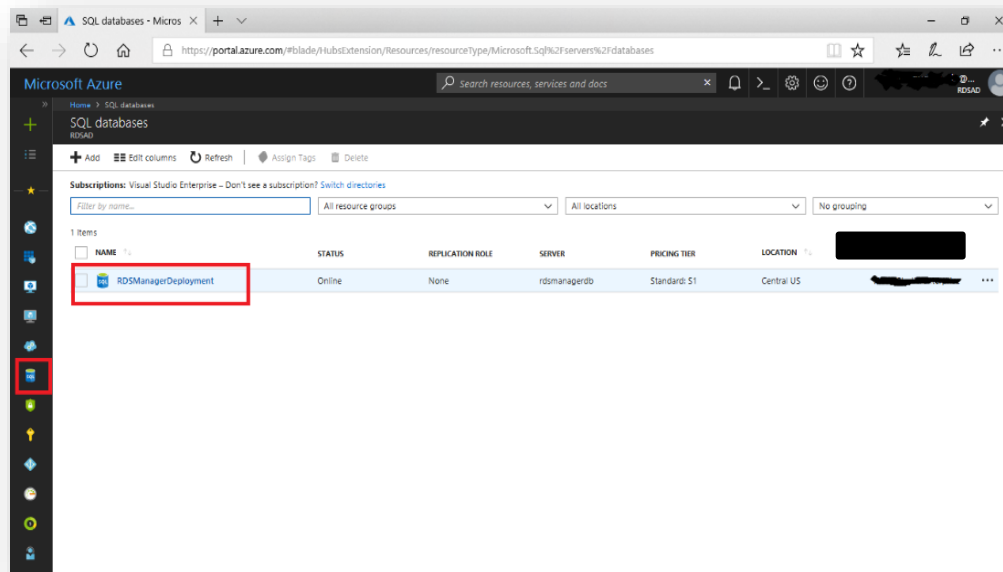


9. The deployment operation will begin
 - To track status of the deployment operation, click the **notification icon** located at top right of the page



10. Once the deployment operation is complete, you can check status by clicking **SQL Database** in the left navigation menu
 - a. Click **All Services** in left navigation and enter **SQL Databases** in filter edit box then click the **Star Icon** (like Bookmark), which should display the **SQL Database Icon** on the left side of the page
 - b. Click the **SQL Databases** icon on the left side of the page as shown below, and the newly deployed **RDSManagerDeployment** database will be displayed

11. Click **Database** – for example, RDSManagerDeployment, to view database details

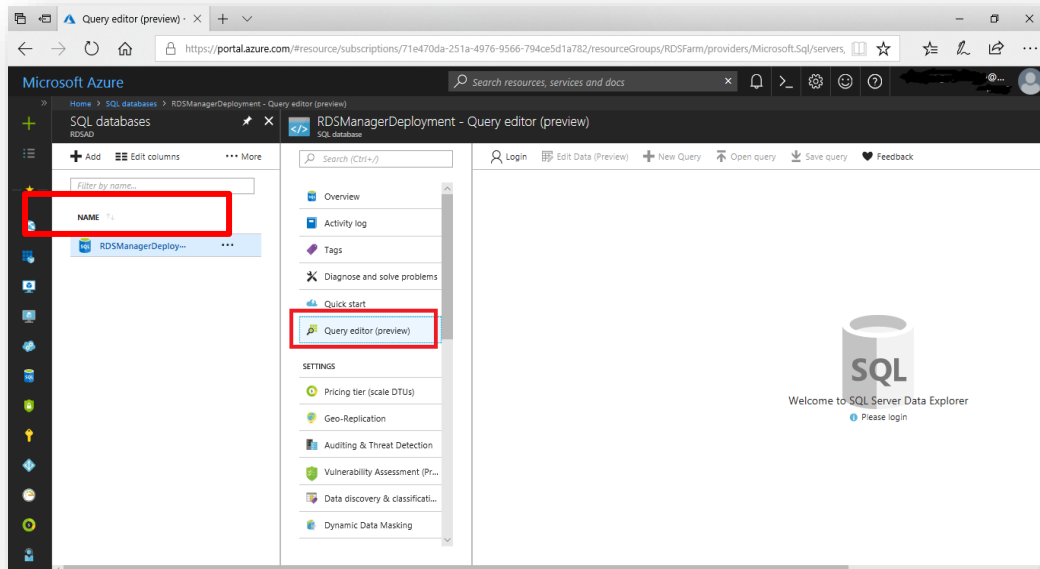


Deploy RDS Manager SQL script

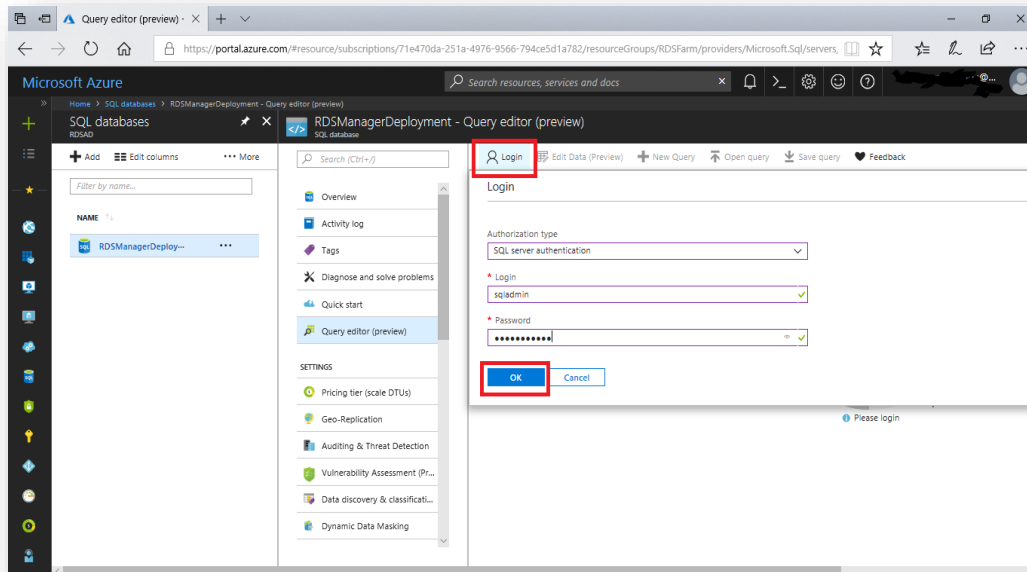
To connect to Azure SQL you will need the Azure SQL credentials from the creation operation of the Azure SQL Server

Make sure that you have unzipped the deployment package. To unzip and extract the files, use the following steps

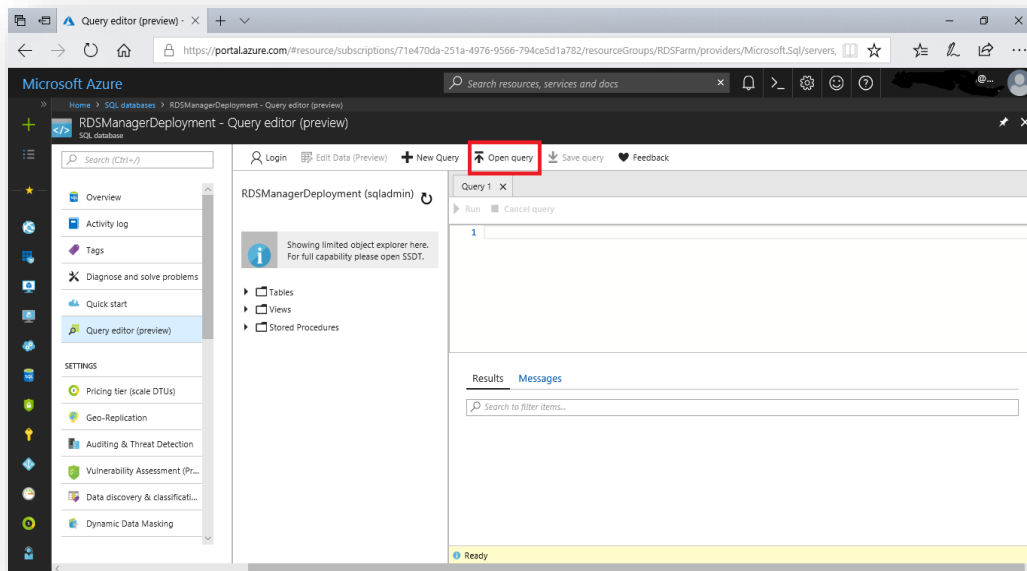
1. Download the **RDSManager** Package
2. Extract the package to any local drive of the machine
3. Click **RDSManagerDeployment** database and then click **Query Editor (preview)**



1. Click **Login** to login to the database. Specify the required credentials and then click **OK**

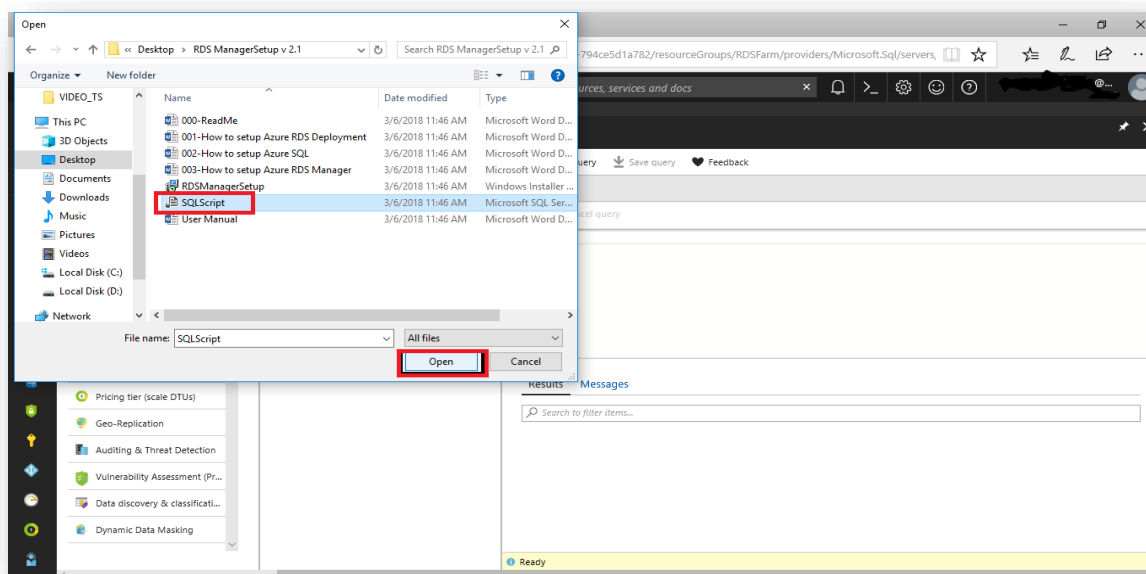


2. Click **Open Query**



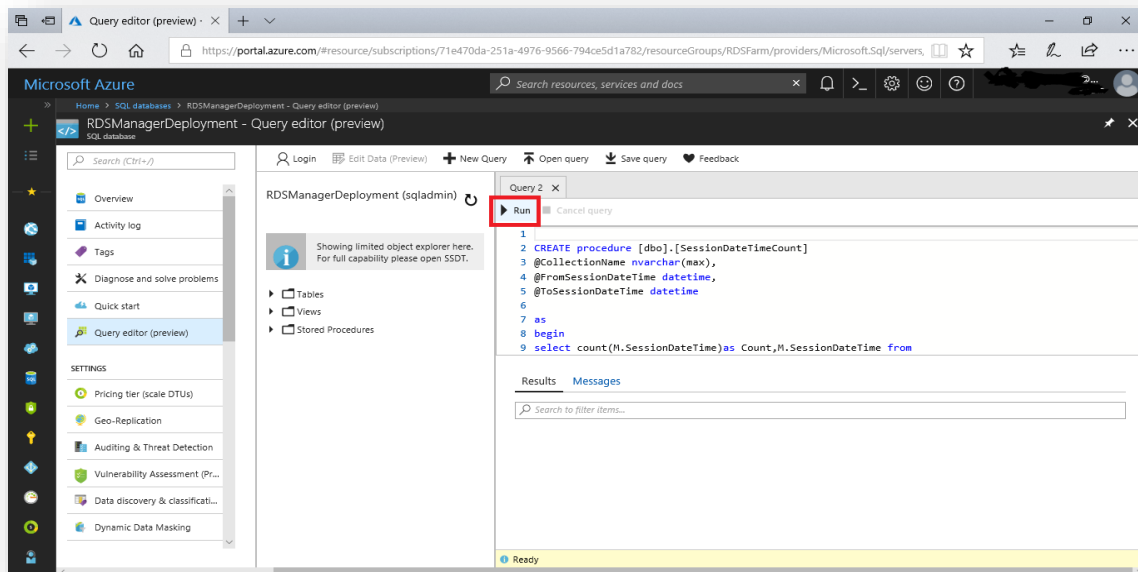
3. Specify the **SQL-Script** file that was downloaded on the local machine during Installation

4. Click Open

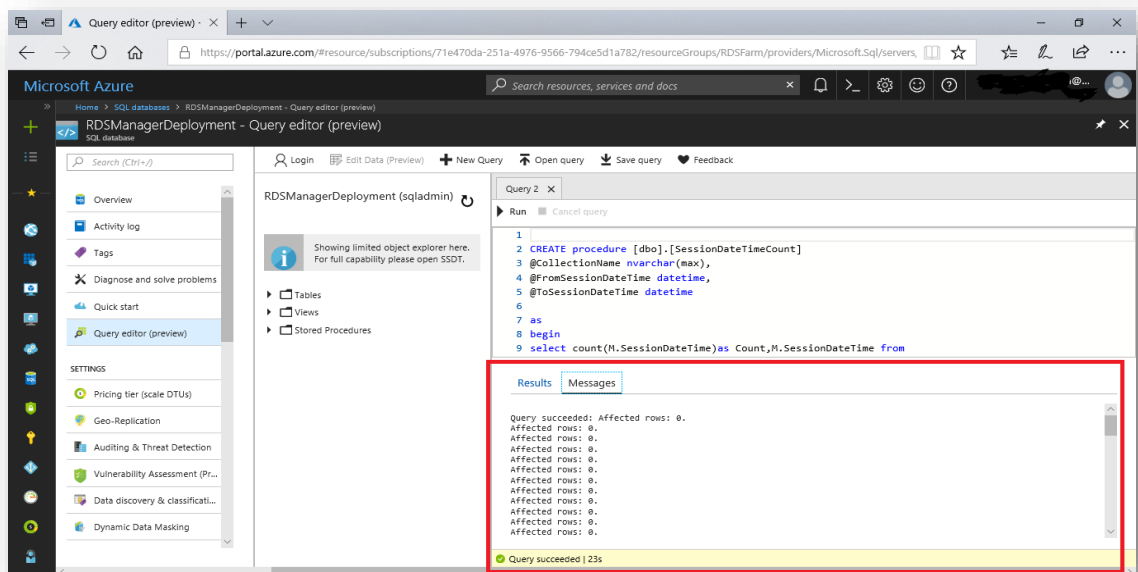


5. The script file with all the required SQL code to setup the database, tables and the stored procedures will be opened and you can see that code in the query editor

- Click **Run** from the available list of options

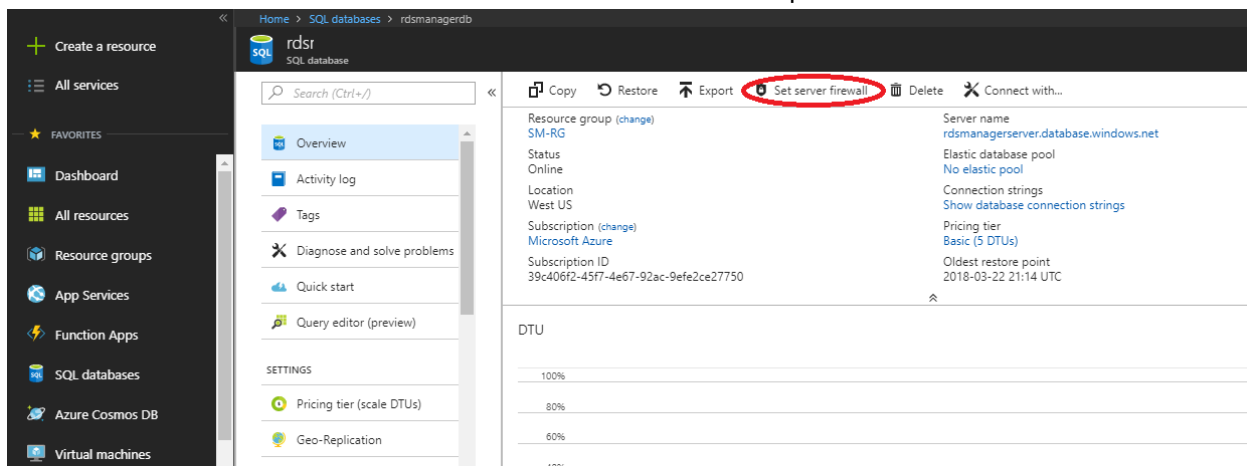


- The selected script will be executed and the required database, tables, and required stored procedures will be created

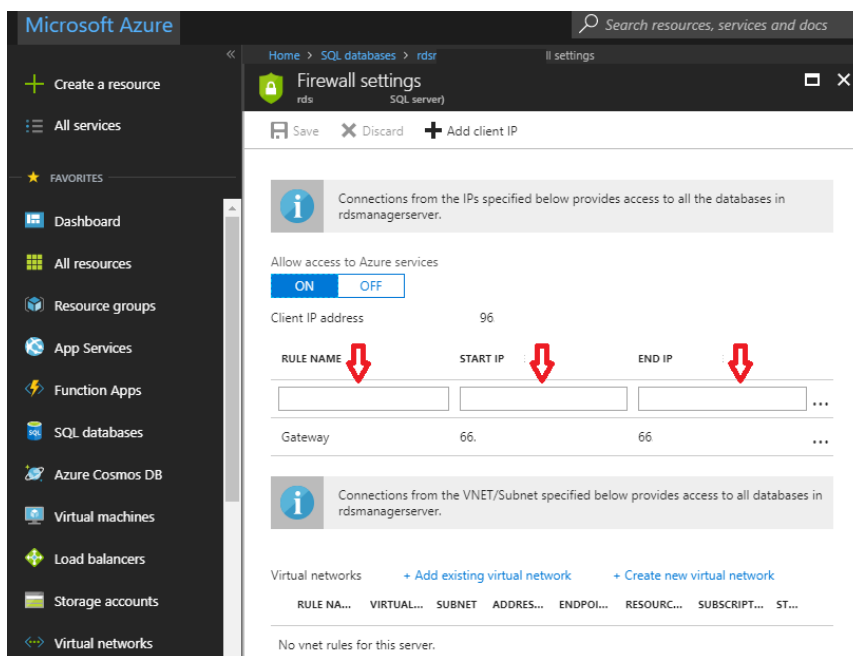


Set SQL Server firewall to whitelist gateway IP

1. Navigate to the database blade
2. In the overview details section, click on **Set server firewall** option



3. Enter a **RULE NAME**, Gateway Public IP address in **START IP** and **END IP** fields and click **Save**.



Glossary

Abbreviation	Definition
ARM	Azure Resource Manager
DB	Database
IP	Internet Protocol
RDS	Remote Desktop Services
SQL	Structured Query Language
SSMS	SQL Server Management Studio
VM	Virtual Machine