Azure RDS Manager Deployment Guide

Step #3 How to Set Up Azure RDS Manager

Prepared for

Service Providers

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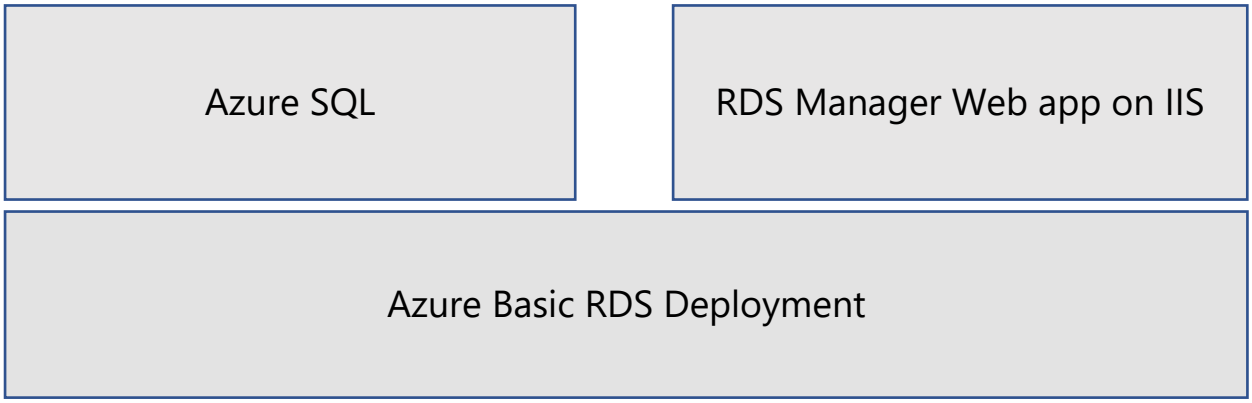
Introduction

This document provides a step-by-step guide for installing Azure Remote Desktop Services (RDS) Manager in an RDS Environment.

About this Manual

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

This document covers Step 3.



Step 1:

How to setup Azure RDS Deployment

1. Verify RDS Deployment
2. RDS Web Deployment

File ref: How to setup Azure RDS Deployment.docx

Step 2:

How to setup Azure SQL

Deploy Azure SQL

Deploy RDS Manager SQL Script

File ref: How to setup Azure SQL.docx

Step 3:

How to setup Azure RDS Manager

RDS Manager Setup process

RDS Manager configuration setup using installer

File ref: How to setup Azure RDS Manager.docx

Prerequisites

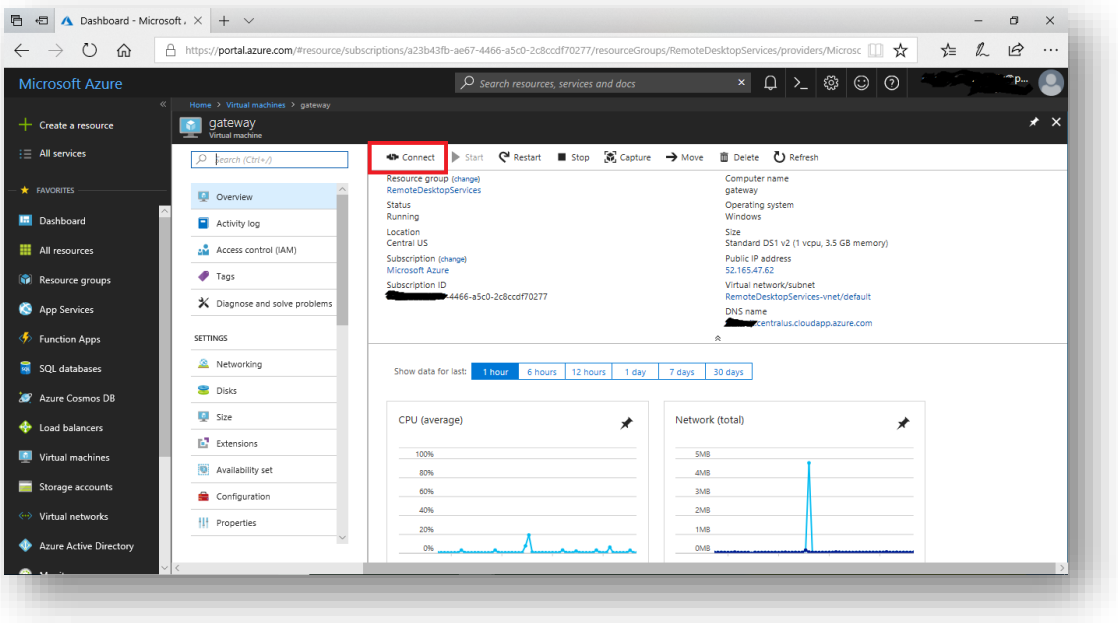
Complete the following steps before you install the Azure RDS Manager in an RDS environment.

- Deploy RDS Manager Web application on the Gateway Server
- Verify and access the RDS Manager web application

Connect to Gateway Machine

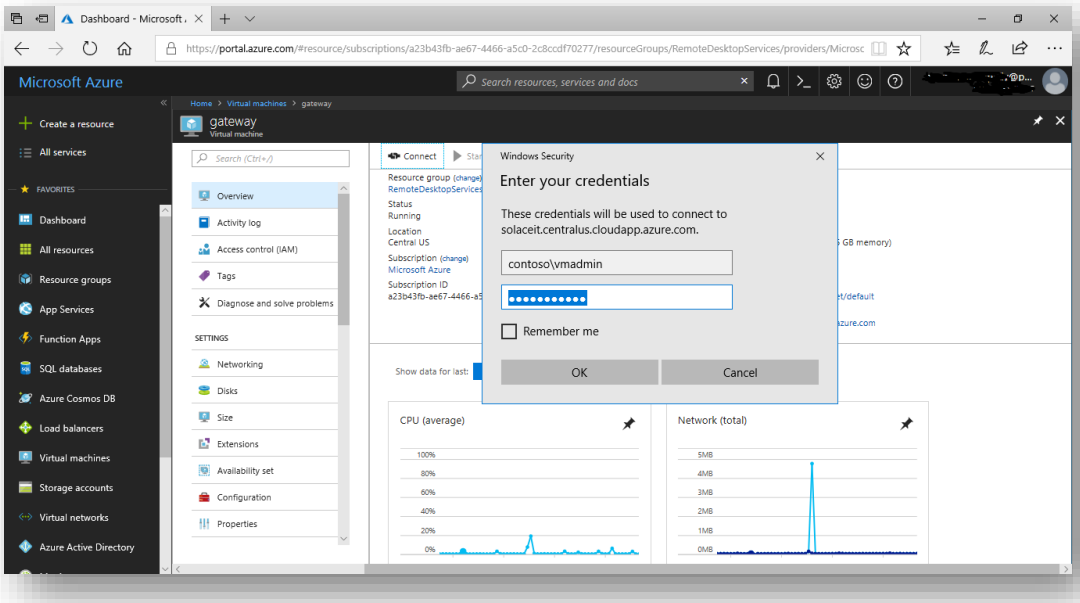
Use the following steps to deploy the RDS Manager on a GW server.

1. In the Azure portal, click **Virtual Machines** and find the **Gateway server VM** with name GW-VM
2. Click **Connect** on the top right of the Azure portal to download the RDP file
3. Click **Connect** to launch the logon dialog

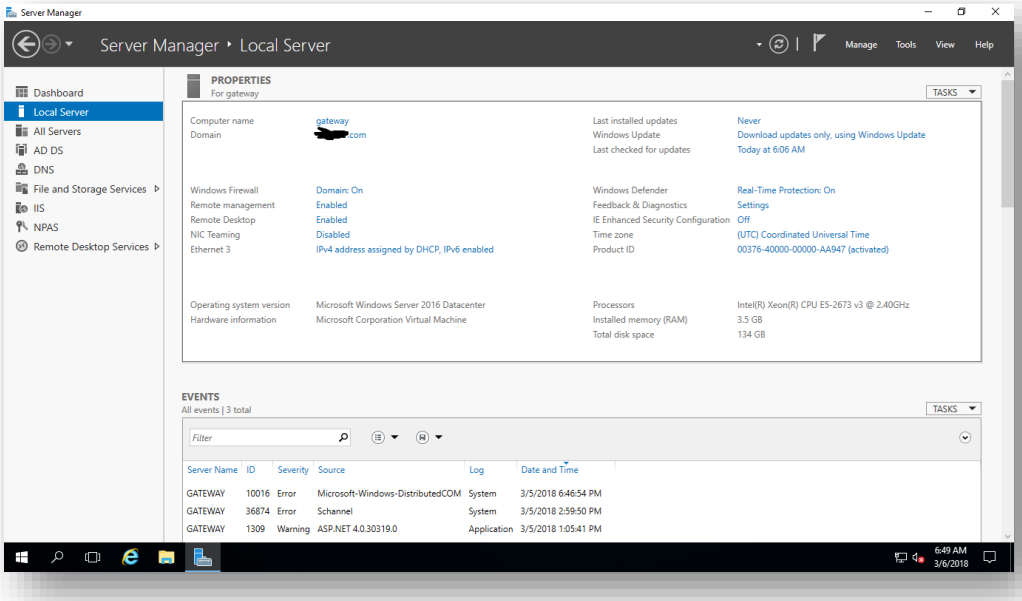


4. Specify the Domain user credentials to login. Use the credentials from the deploy operation for the RDS Farm, the ARM template from the first part of the RDS Manager process

5. Click **OK**



6. Once connected to the **Gateway server VM**, verify the server by going to **Server Manager** to check the **Computer Name** as follows

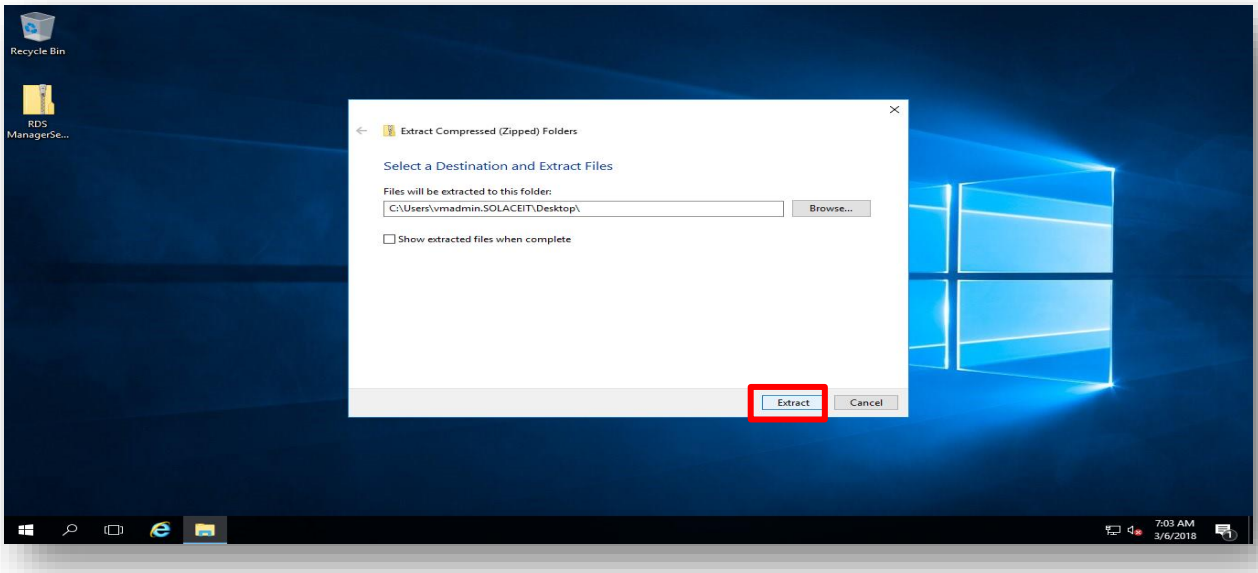


Install Azure RDS Manager

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

1. Download the **RDSMangerSetup** package
2. Extract the package to any local drive of the machine
3. Select the **RDSMangerSetup** file, right-click the file name, then select **Extract All...**

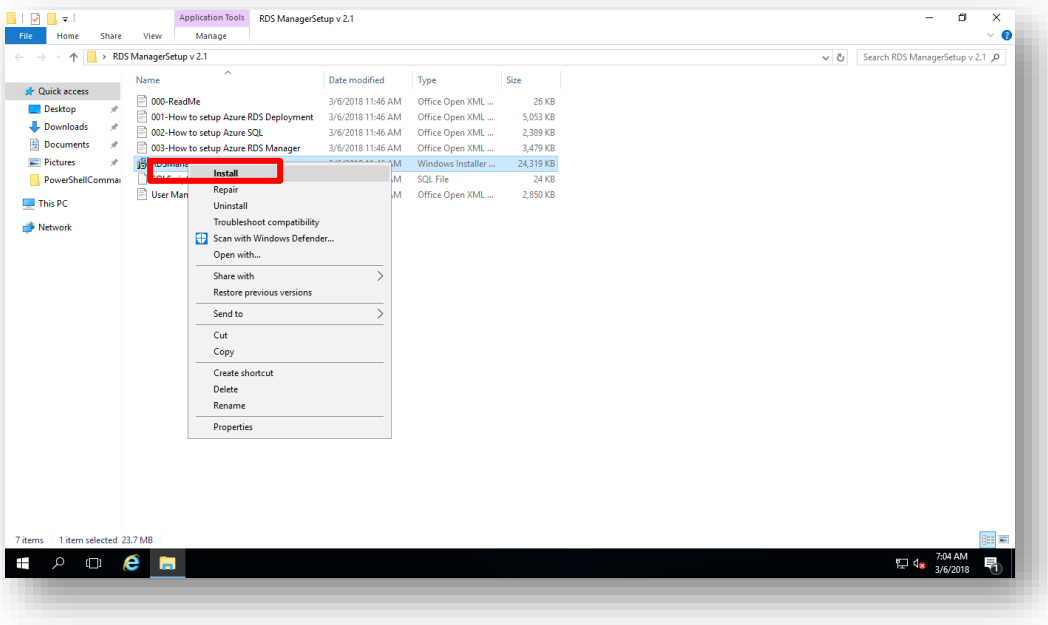
4. The user can extract the package to any other location if needed and select **Extract**



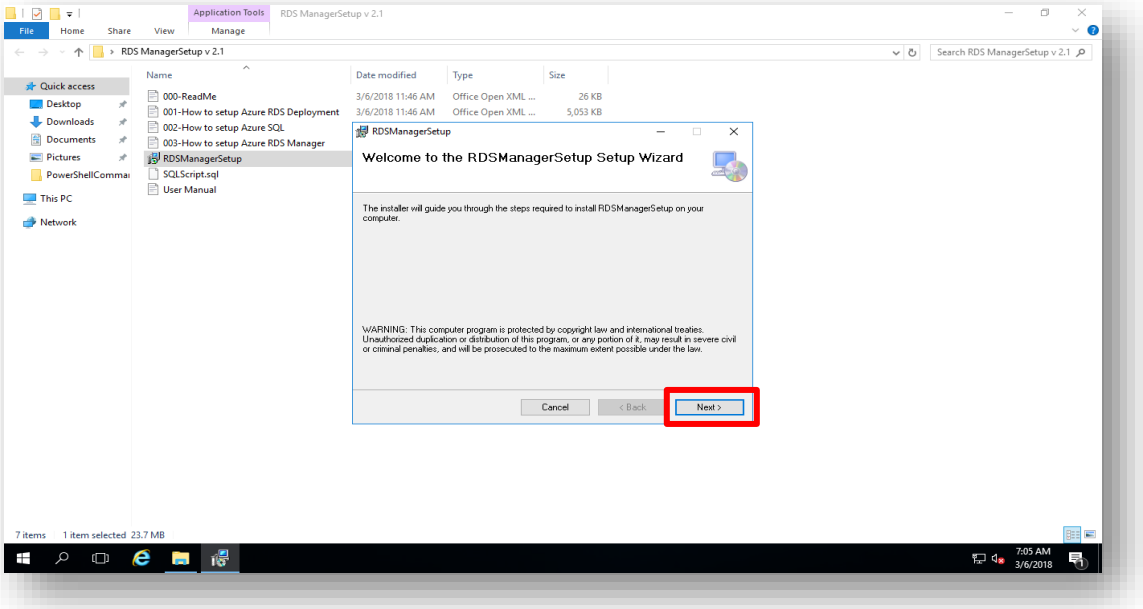
5. After extracting the files to your local machine, double-click on the folder to open it. Inside the folder, double-click the installer file to launch the installation

Installing the RDSManager Installer

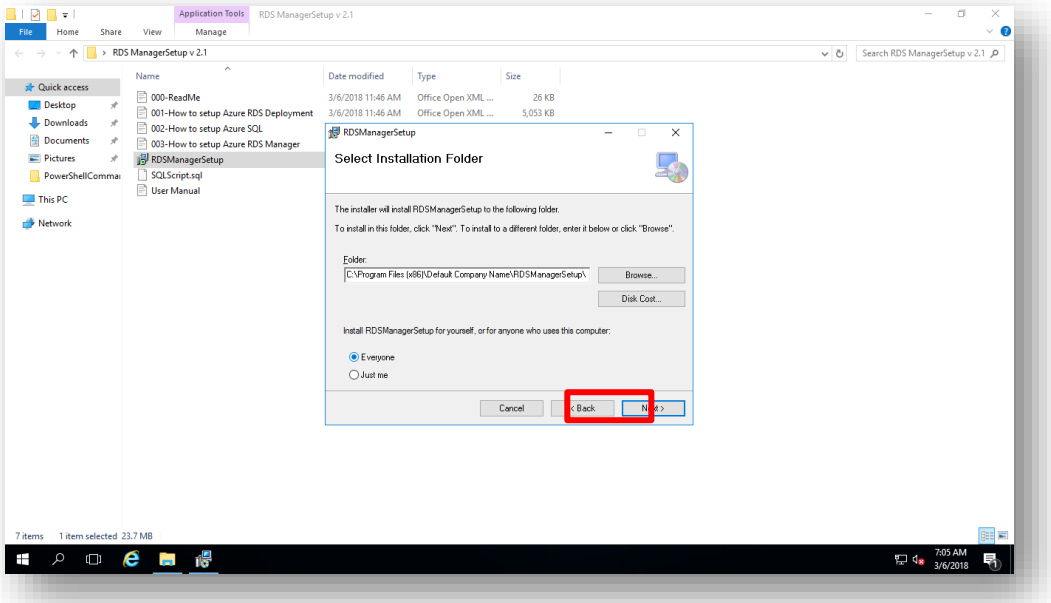
1. Right-click on the **RDSManagerInstallerSetup.msi** and select **Install**



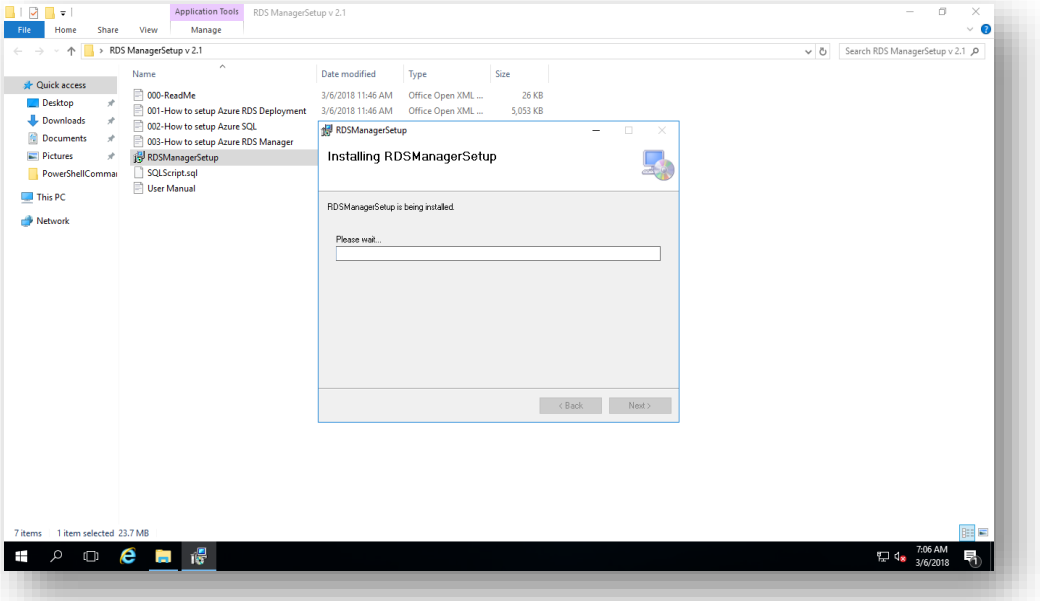
A dialog will open with the following options



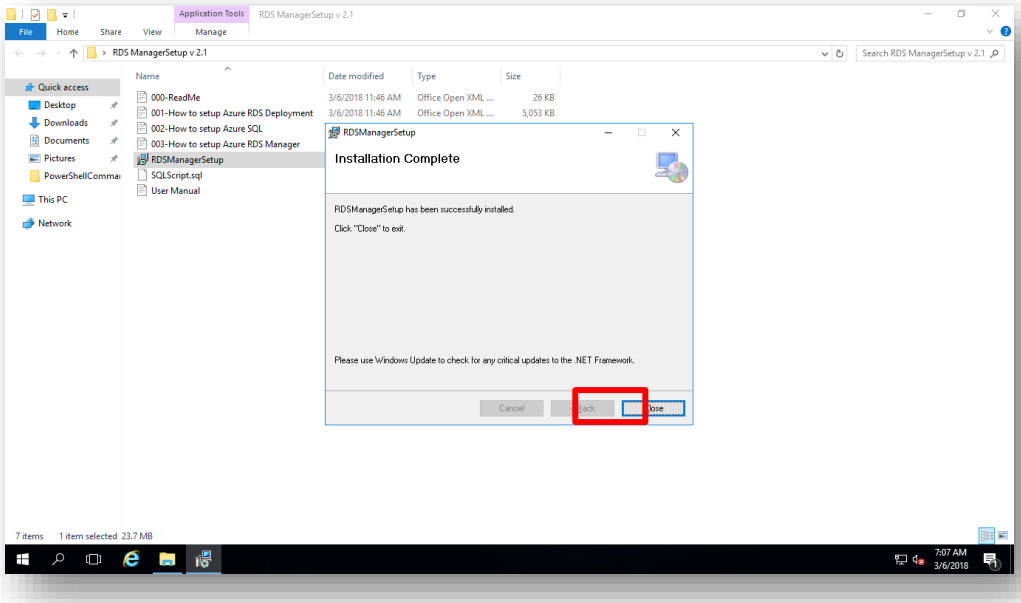
2. Click **Next** to continue installing the **RDSManager**
3. Click the **Everyone** radio buttonto make **RDSManager** usable by everyone, then click **Next**



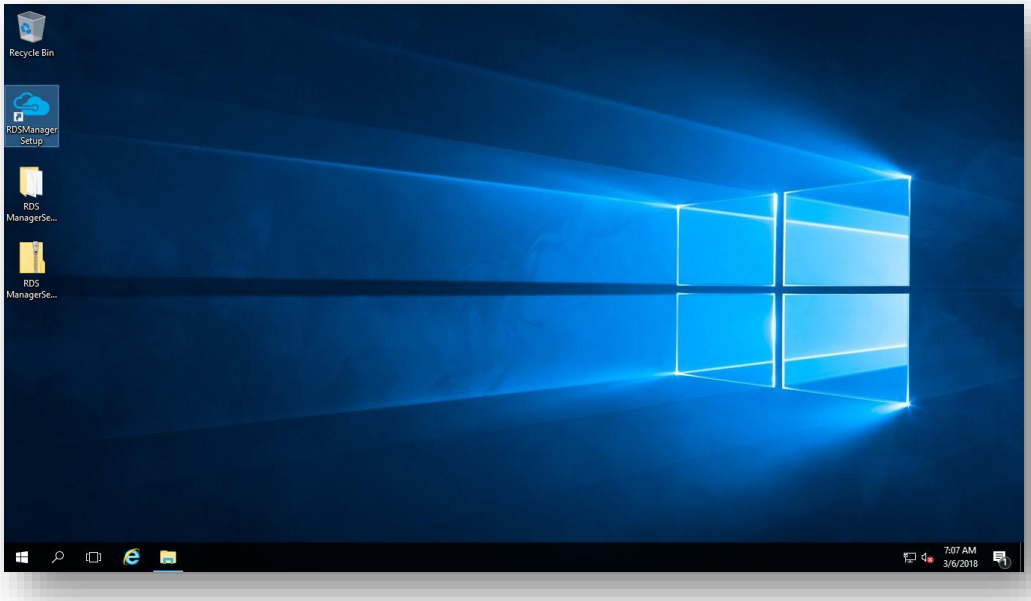
4. A **Confirmation** menu will ask for your confirmation
5. To continue the installation, click **Next**



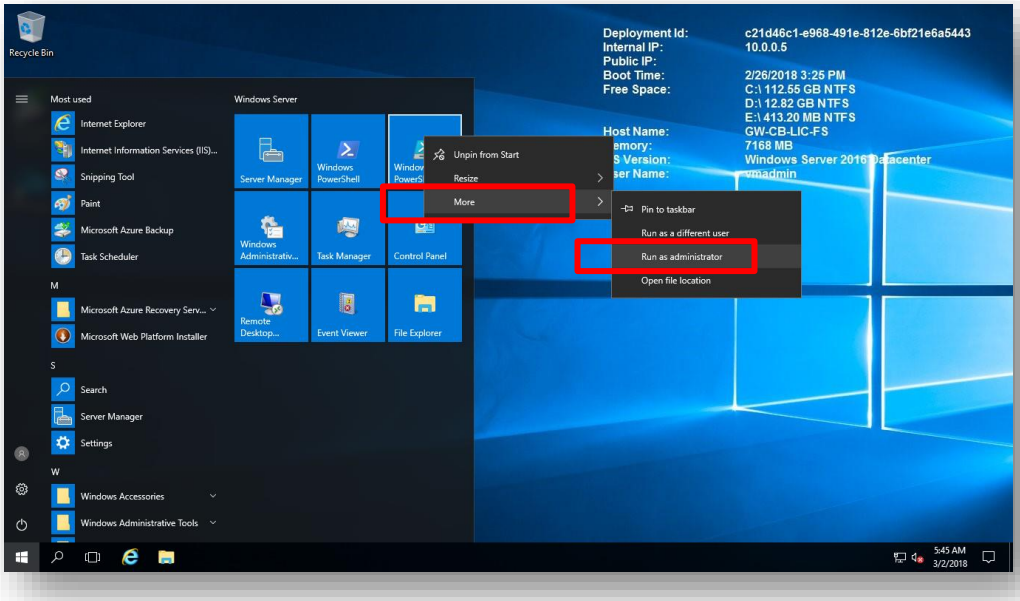
6. Once the installation is complete, you will see a status message saying that the installation has been successfully completed



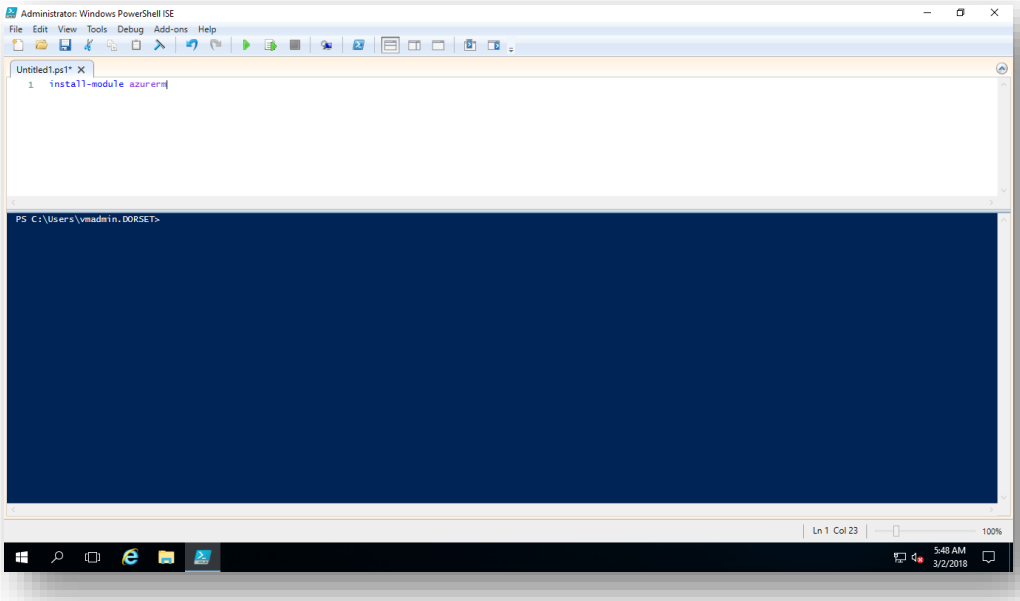
7. Upon successfully installing the **RDSManager**, a Windows installer file will be created on your desktop with the **Azure Cloud** icon



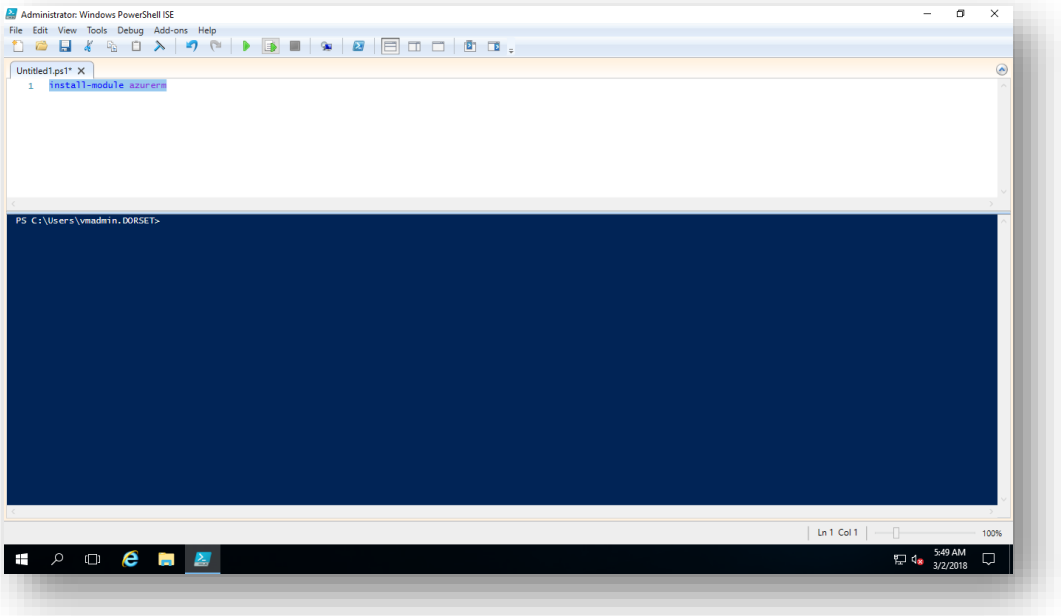
8. Open the **PowerShell ISE console** in administrator mode on the **Gateway VM**



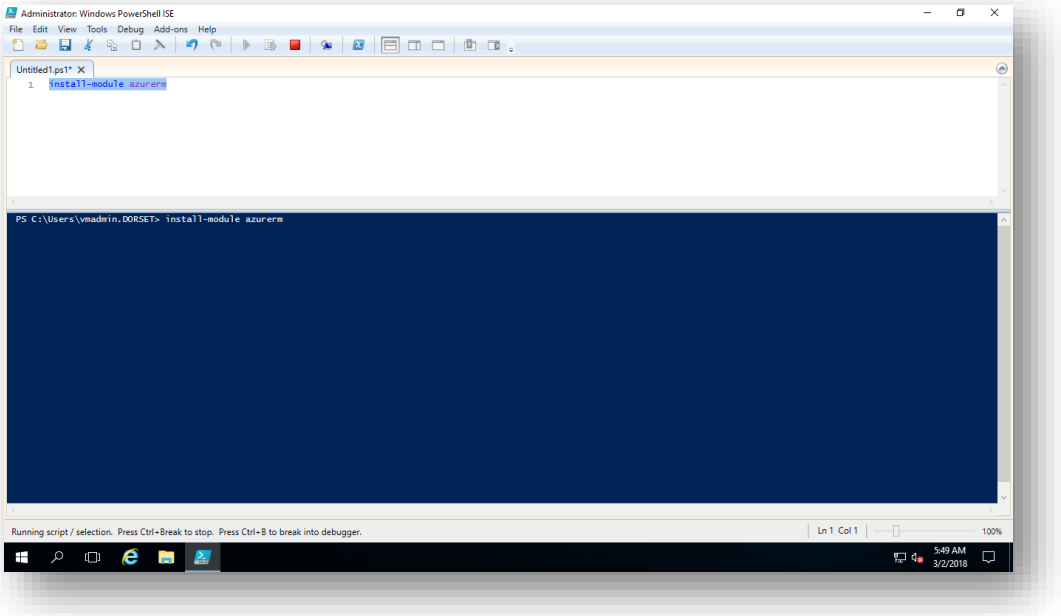
9. Enter the **Install-Module AzureRm** cmdlet inside the console



10. Select the cmdlet and press **F8** on your keyboard

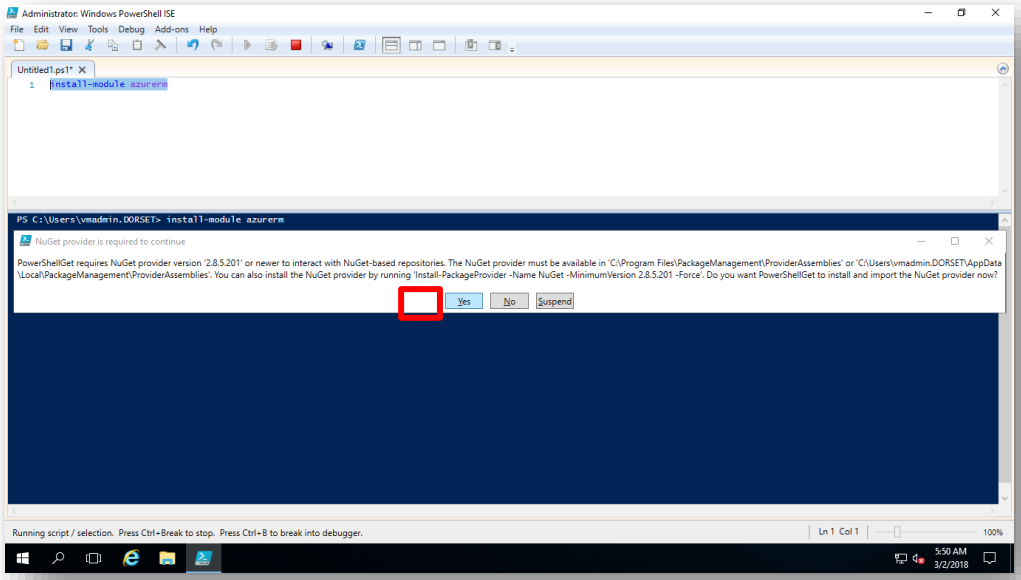


11. The **AzureRM** module will start installing

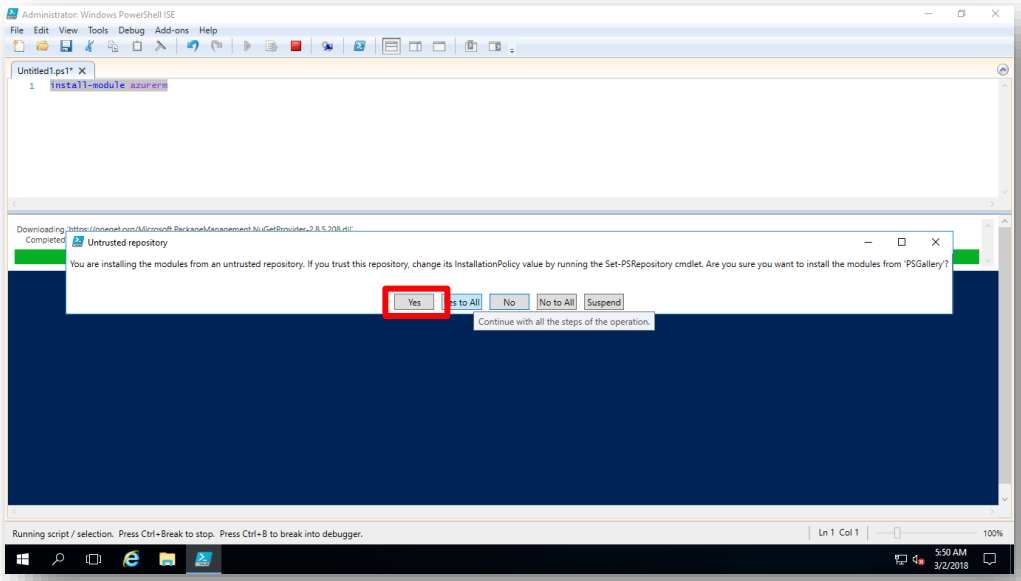


12. A dialog box to install **Nuget** package will be displayed

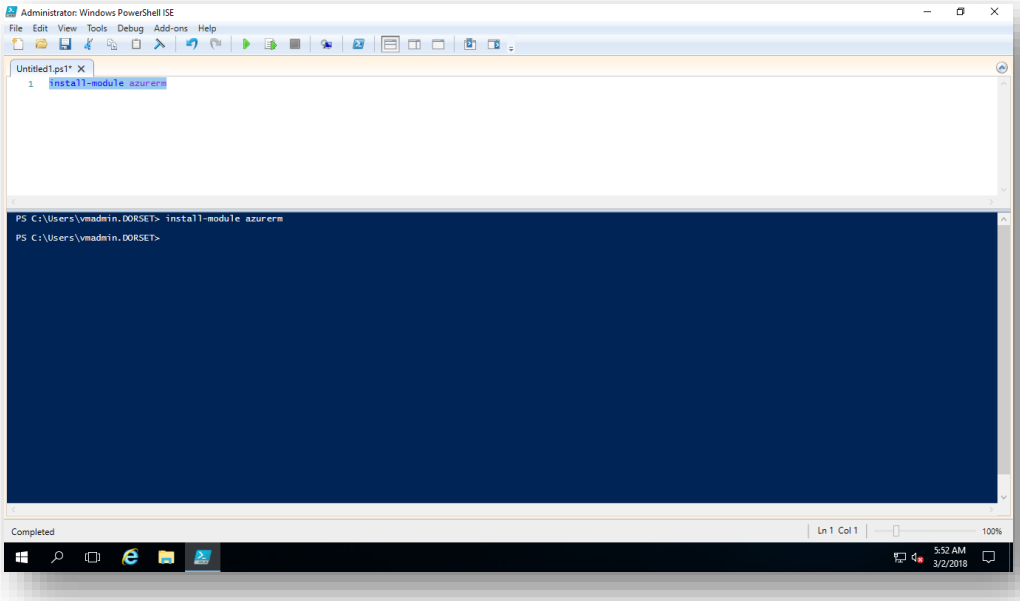
13. Click **Yes** to confirm that you want to run the package



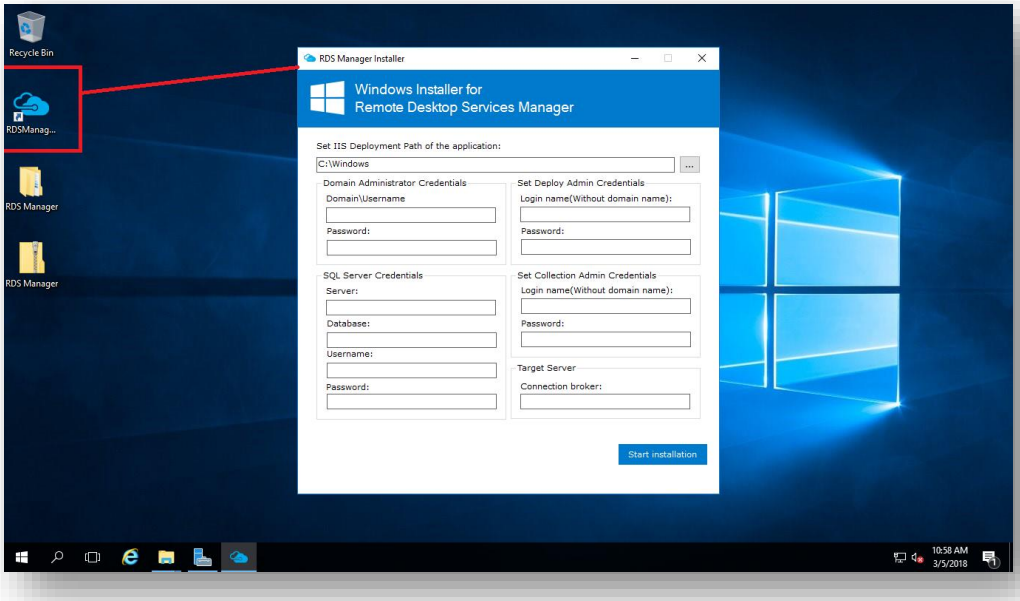
14. A dialog box about an **Untrusted repository** will appear
15. Click **Yes to All**



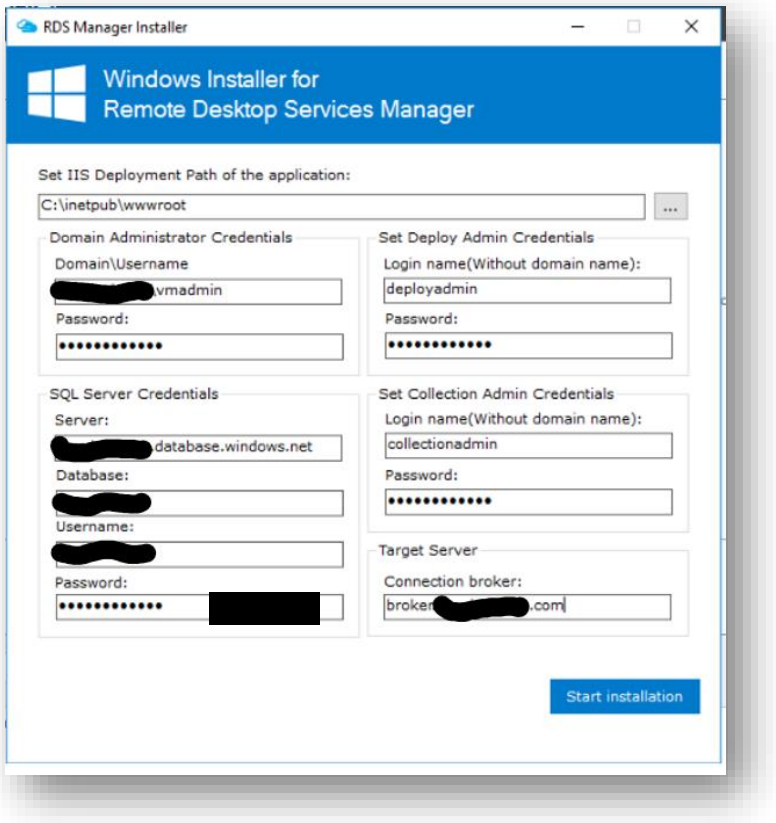
16. At the end of this operation you will have the AzureRM module installed on the gateway machine



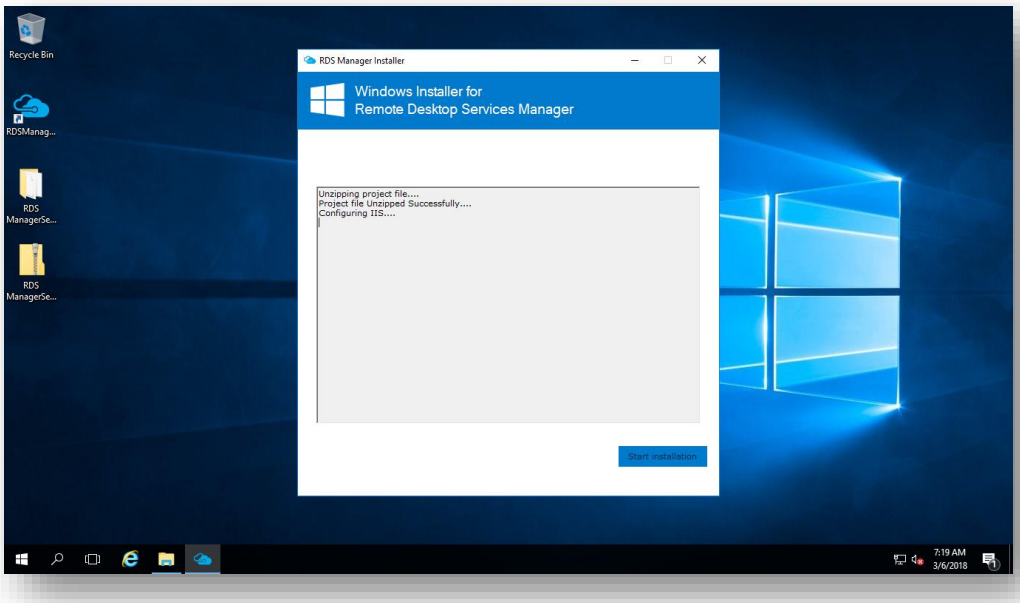
17. Double-click the RDSManageInstaller shortcut on the desktop to open the RDSManager Installer



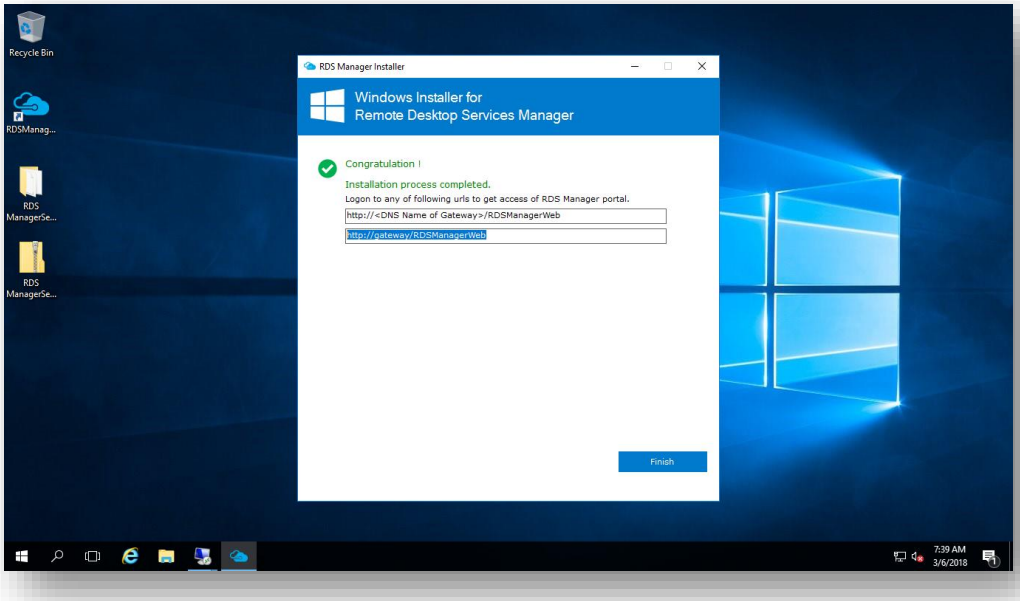
18. A **Windows Installer** page will launch
19. Specify details as follows
    - **IIS Deployment Path** – the path where RDS Manager saves binaries
      Note- '**c:\inetpub\wwwroot**' path is used as the default path. If there are errors in the setup process, change the path to C:\windows
    - **Domain Admin** – Admin on the local AD domain
    - **SQL Server Credentials** – Get this information from the **Azure Portal** > **SQL databases** > **database that was created in the Step 2 document**
    - **Deploy Admin Credentials** – New account to manage the **RDS Manager**. This account will be added to AD as part of a successful installation
    - **Collection Admin Credentials** - New account to manage collections in the **RDS deployment**. This account will be added to AD as part of a successful installation



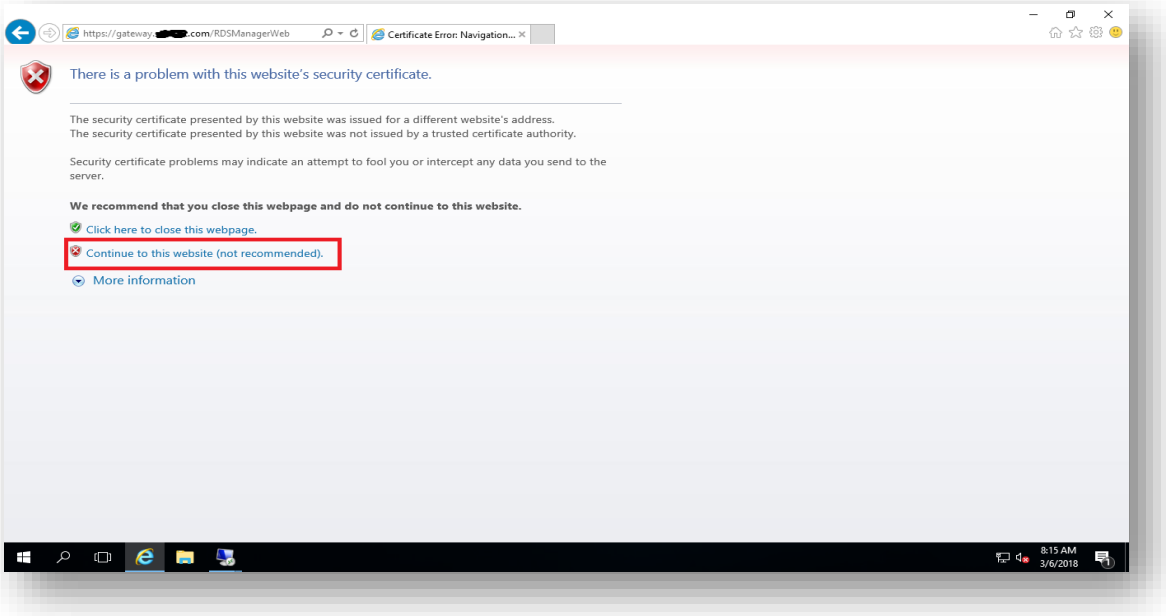
20. After entering all the required fields, click **Start Installation**. You will see a progress page



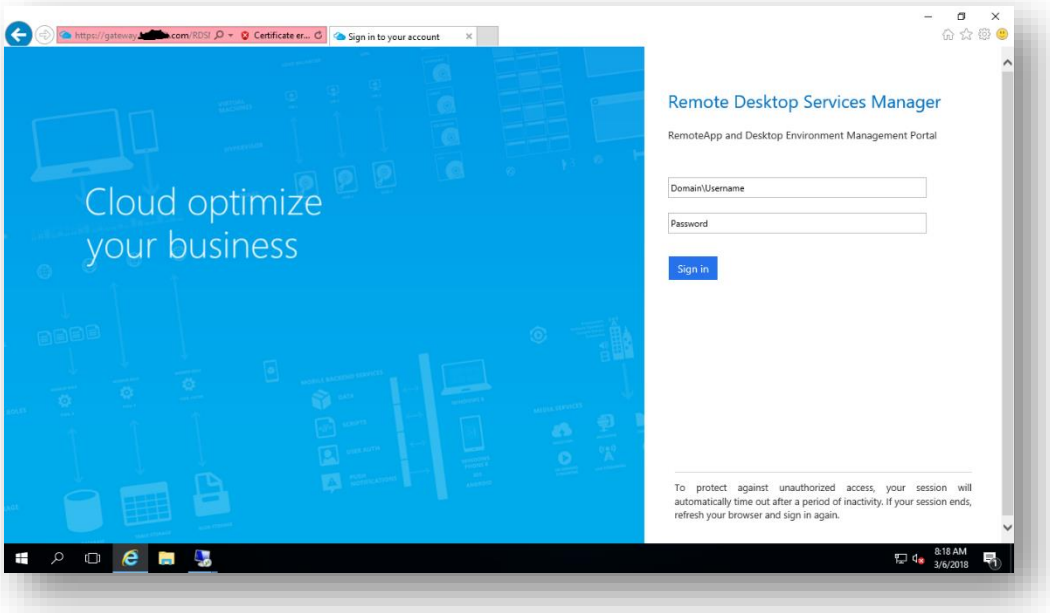
21. Once installation is complete, you will see a message confirming that the installation was successful



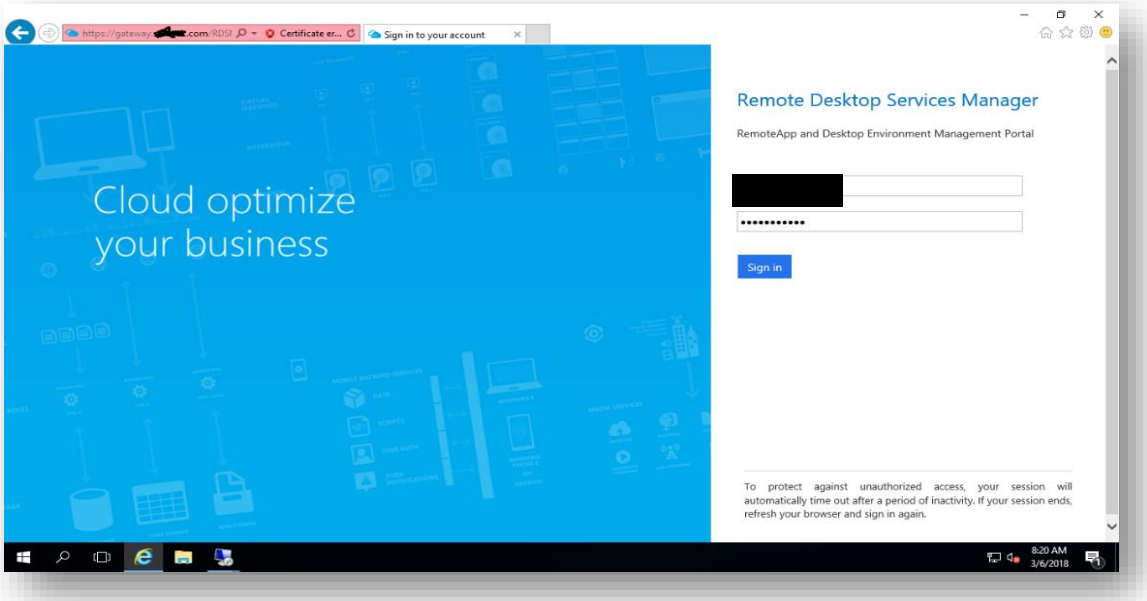
22. Copy the first edit box of the URL and add **https://**, then browse to the URL
The URL will be similar to https://<gatewayFQDN>/RDSManagerweb
23. Click **Finish**
24. Once you traverse to the URL, you will get a security certificate. Click **Continue to this website (not recommended)**



25. You will then be redirected to the login page for **RDSManager**

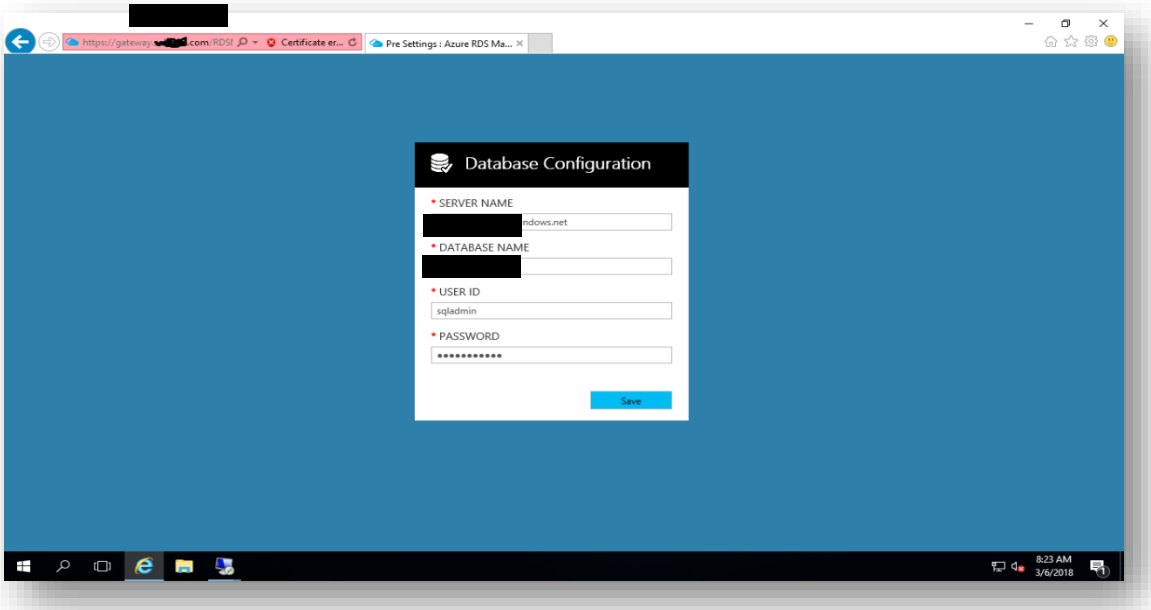


26. Specify the **Deploy Admin** credentials that were created during the installation, then click **Sign In**

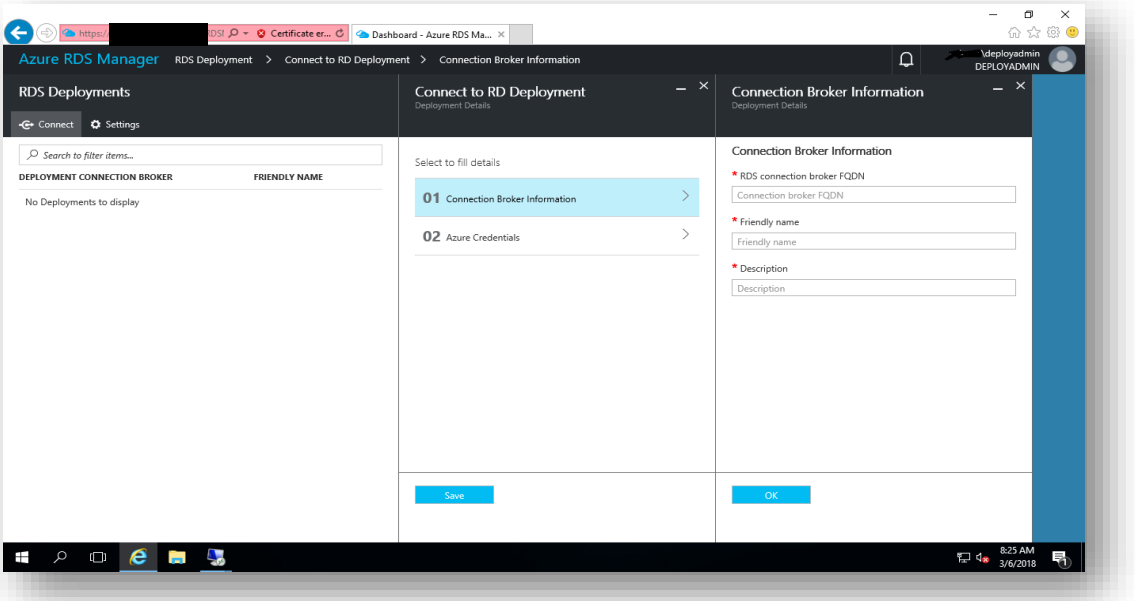


27. You will be redirected to the **Database configuration** page to specify required information. Specify information as follows, then click **Save**

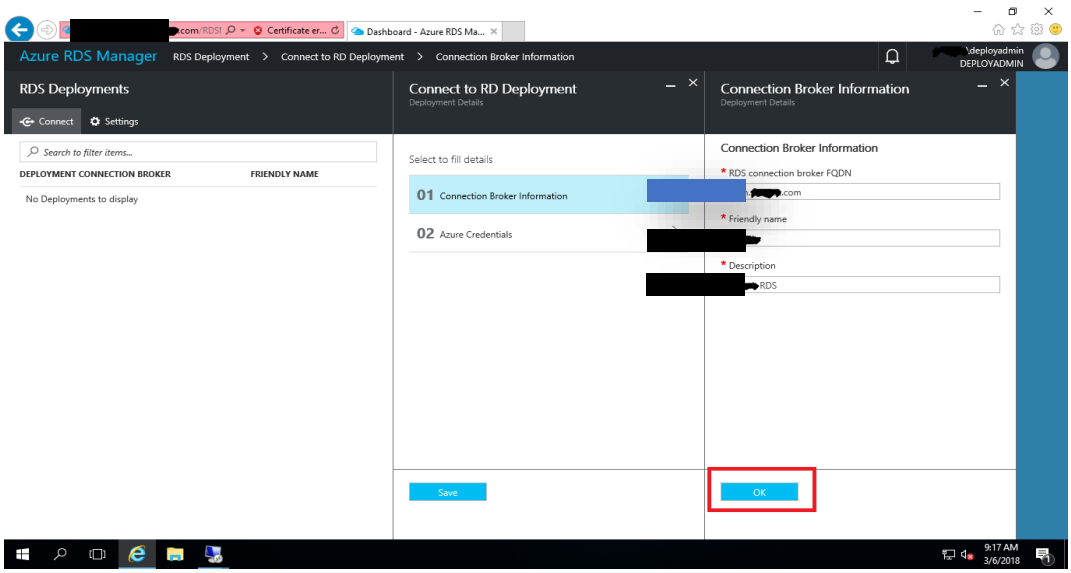
28. **SERVER NAME** – SQL Server created as part of the Step 2 document
29. **DATABASE NAME** – Database created as part of the Step 2 document
30. **USERID** – Usually "sqladmin" unless a user was explicitly created for the database
31. **PASSWORD**



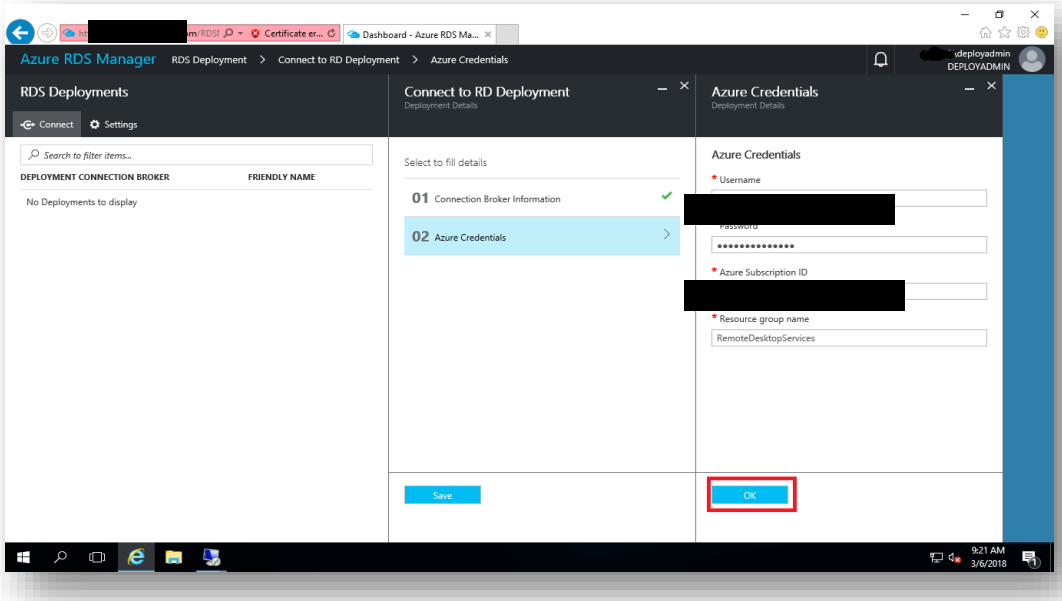
32. You will be redirected to the **Deployment** page. Click **Connect** and provide your **Connection Broker Information** and **Azure Credentials**



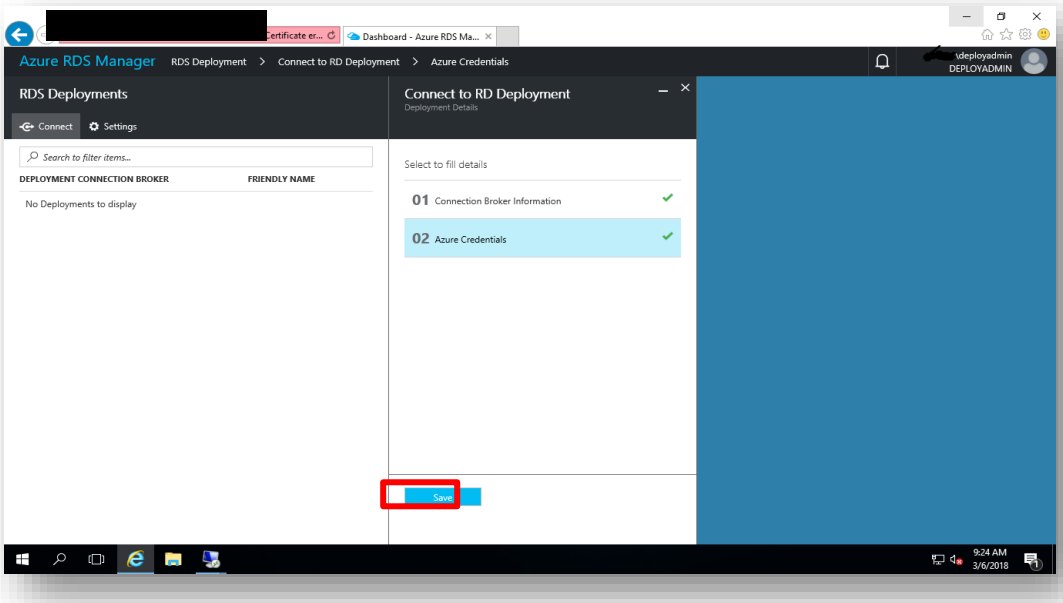
33. Specify **Connection Broker** information, then click **OK**



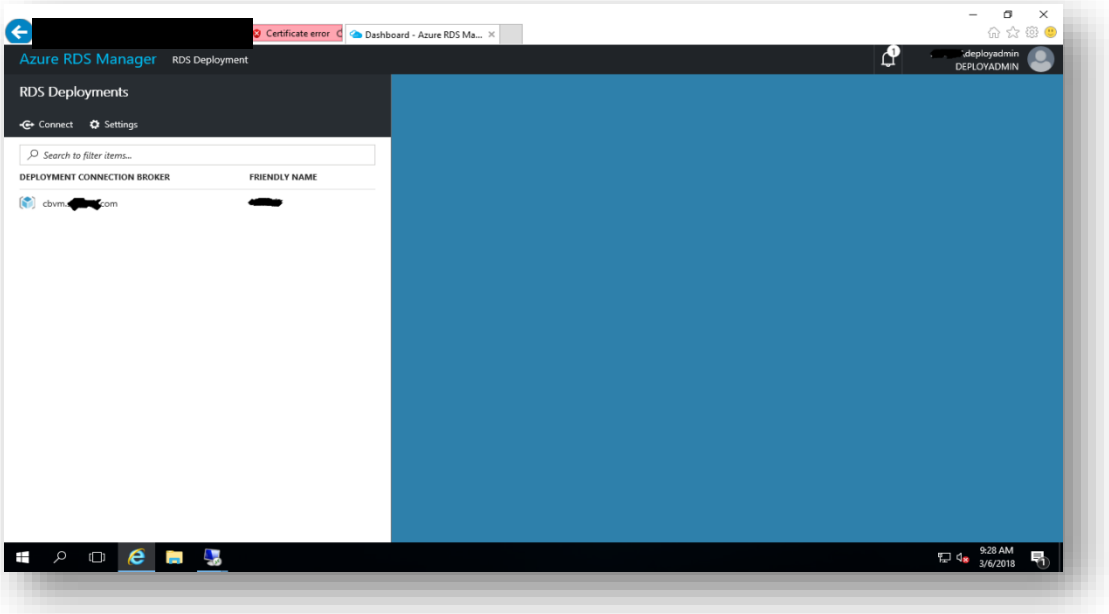
34. Specify **Azure** credentials, then click **OK**



35. Ensure all the details were provided correctly – confirmed with green check marks - then click **Save**



36. You will be redirected to the **RDS Deployments** page



Glossary

Abbreviation	Definition
ARM	Azure Resource Manager
DB	Database
DNS	Domain Name System
GW	Gateway
IIS	Internet Information Services
RDP	Remote Desktop Protocol
RDS	Remote Desktop Services
SQL	Structured Query Language
VM	Virtual Machine