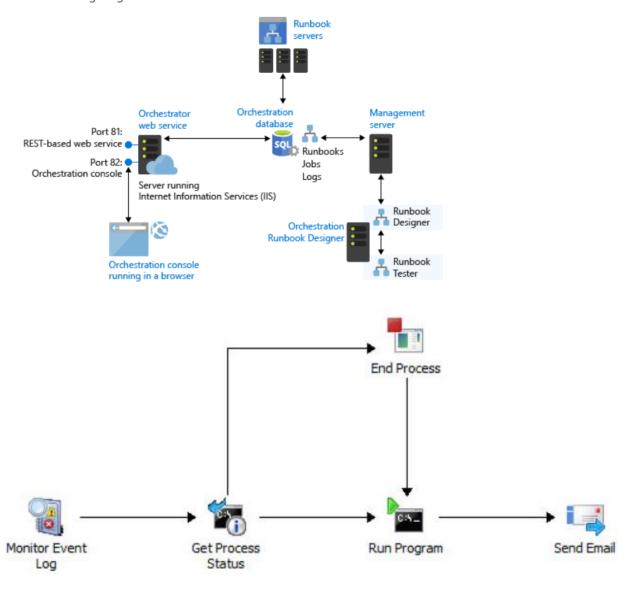
# How to install System Center Orchestrator 2019 on Windows Server 2019

In this post, I will show you the steps involved in installing Orchestrator 2019. I will be using virtual machine running Windows Server 2019 + SQL Server 2017. Will install all the updates and restart the server. After that we will take care of pre req.

# Orchestrator architecure

The following diagram illustrates each of the Orchestrator features and the communication between each.



https://docs.microsoft.com/en-us/system-center/orchestrator/learn-about-orchestrator?view=sc-orch-2019

https://docs.microsoft.com/en-us/system-center/orchestrator/system-requirements-orch?view=sc-orch-2019

#### Pre Req:

**Orchestrator Service Accounts** 

.Net 3.5

SQL Server Native Client - <a href="https://www.microsoft.com/en-us/download/confirmation.aspx?id=50402">https://www.microsoft.com/en-us/download/confirmation.aspx?id=50402</a>

**WCF Services** 

SQL Server 2017 & Management Studio

#### AD Accounts: Created these accounts in AD

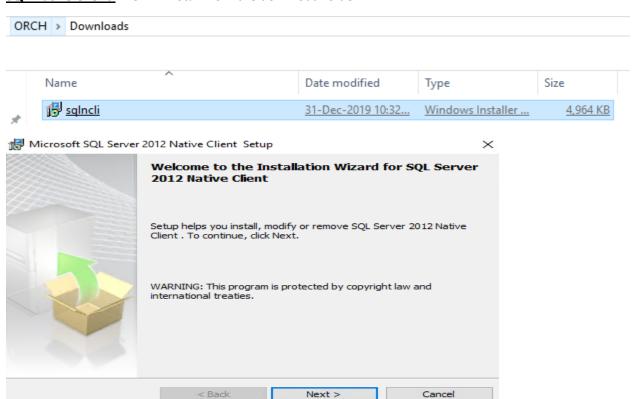
Name	Туре	Description
<b>&amp;</b> ORCHADMIN	Security Group - Global	Orchestrator Admins
♣ ORCH	User	Orchestrator Admin Account
♣ ORCHMSrv	User	Orchestrator Management Service Account
♣ ORCHRB	User	Orchestrator Run Book Service Account
ORCHRBSRV	User	Orchestrator Run Book Server Service Account

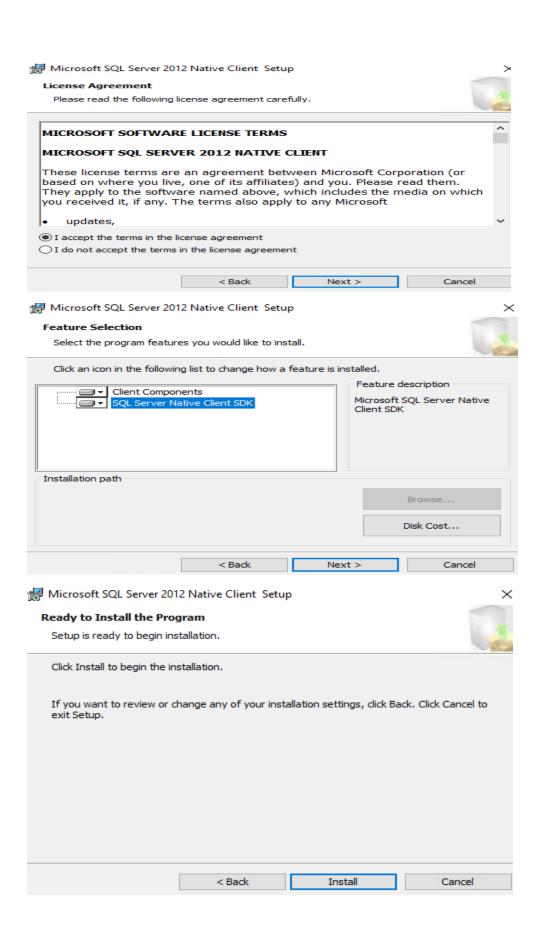
#### .Net 3.5: We will install this from Server Manager

Select one or more features to install on the selected server.

# Features ■ .NET Framework 3.5 Features .NET Framework 3.5 (includes .NET 2.0 and 3.0)

# **SQL Native Client:** We will install from the download folder.







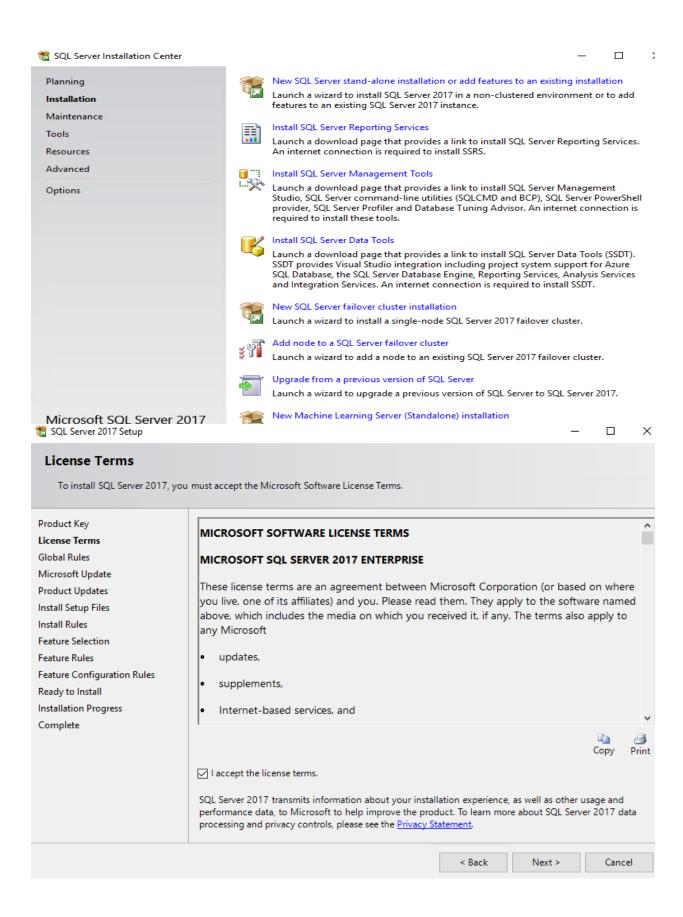
### **WCF Services:**

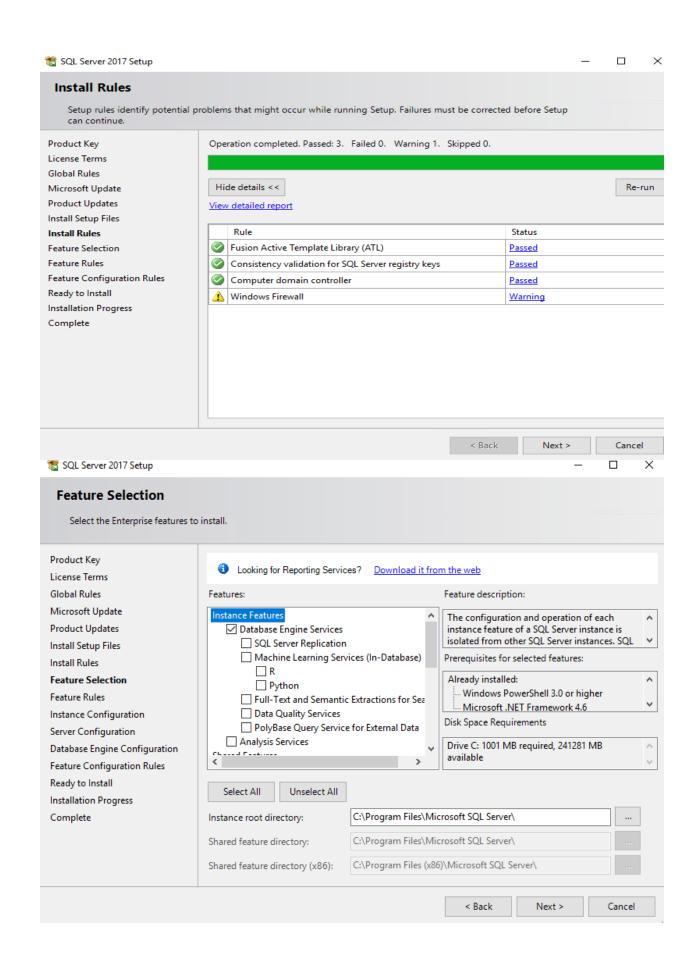
- 1. On the Windows Start screen, click the Server Manager tile.
- 2. On the Manage menu in the Server Manager console, click Add Roles and Features.
- 3. Go through the wizard until you reach the Features page.
- 4. Expand .NET Framework 4.5 Features.
- 5. Select .NET Framework 4.5 if it isn't already selected.
- 6. Expand WCF Services.
- 7. Select **HTTP Activation** if it isn't already selected.
- 8. Click Next and follow the prompts to finish the installation. If you have problems, check the issues covered

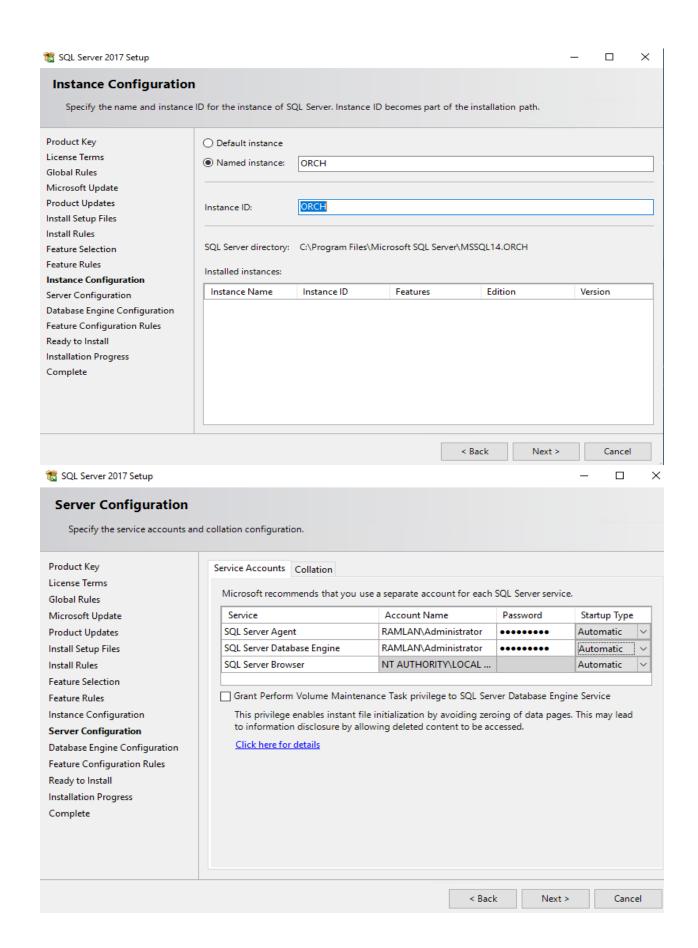
#### **SQL Server 2017:** We will run the setup.exe to start the install

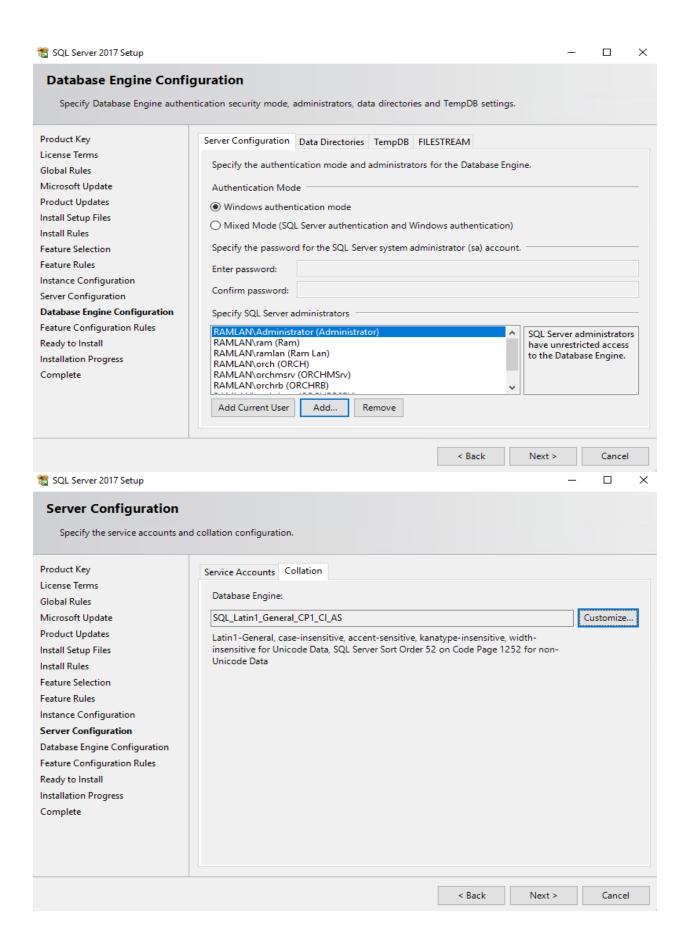
ORCH > DVD Drive (D:) SqlSetup\_x64\_ENU >

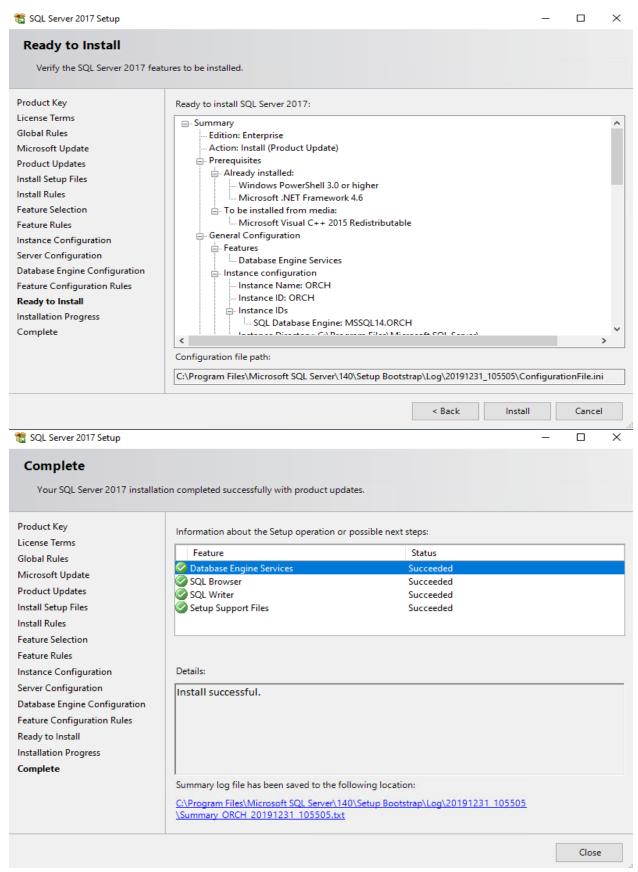
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<u>redist</u>	23-Aug-2017 1:55	File folder	
resources	23-Aug-2017 1:55	File folder	
Tools	23-Aug-2017 1:55	File folder	
<u>x64</u>	23-Aug-2017 5:52	File folder	
<u>autorun</u>	04-Aug-2017 10:0	Setup Information	1 KB
Medialnfo	23-Aug-2017 1:57	XML Document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









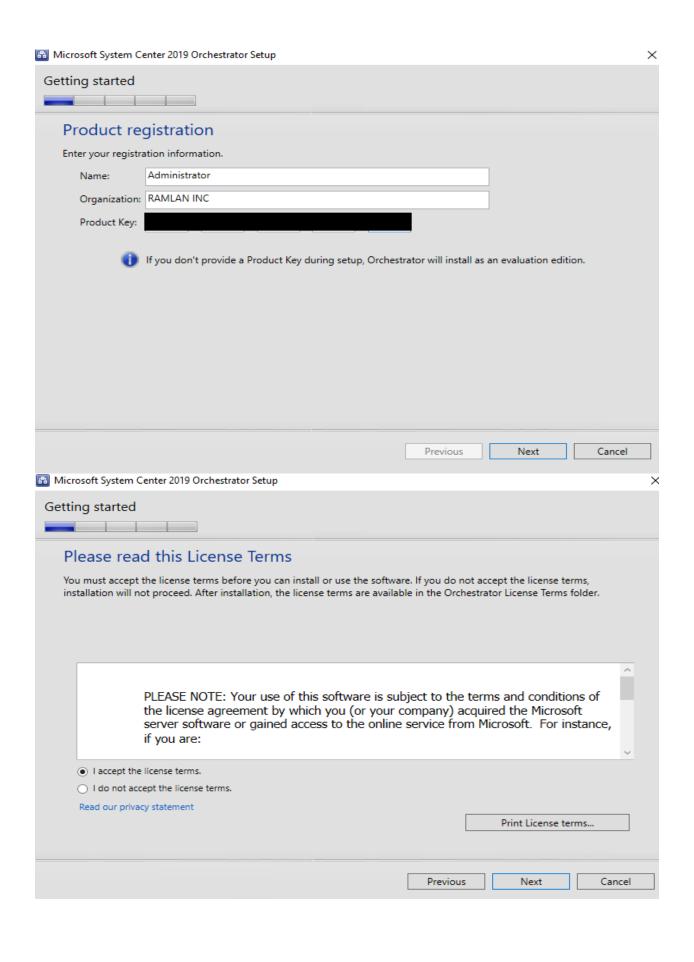


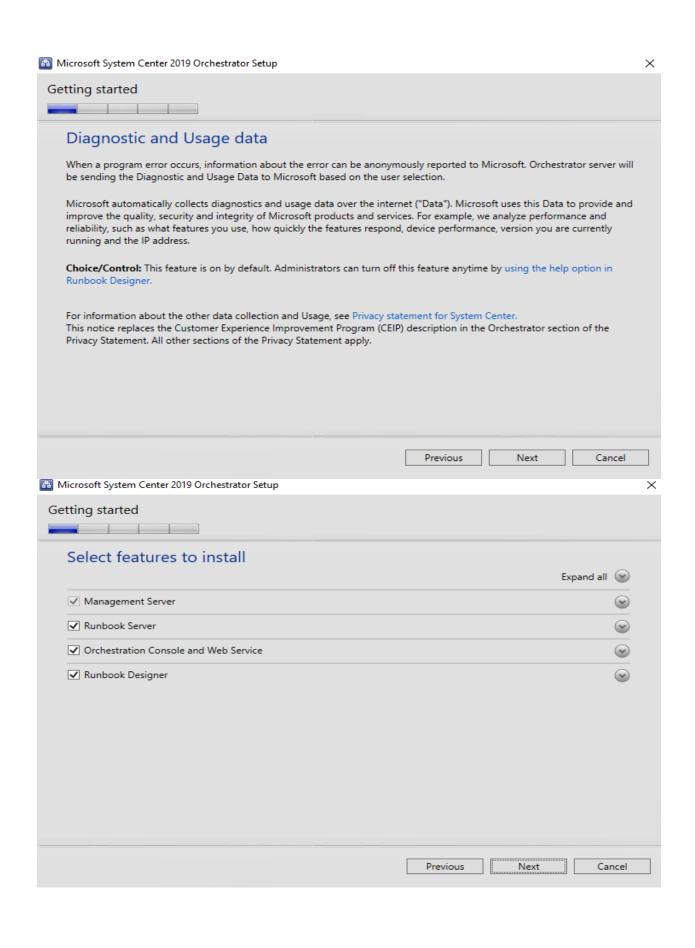
Restart the server. After that we will do windows update and be ready for Orchestrator install.

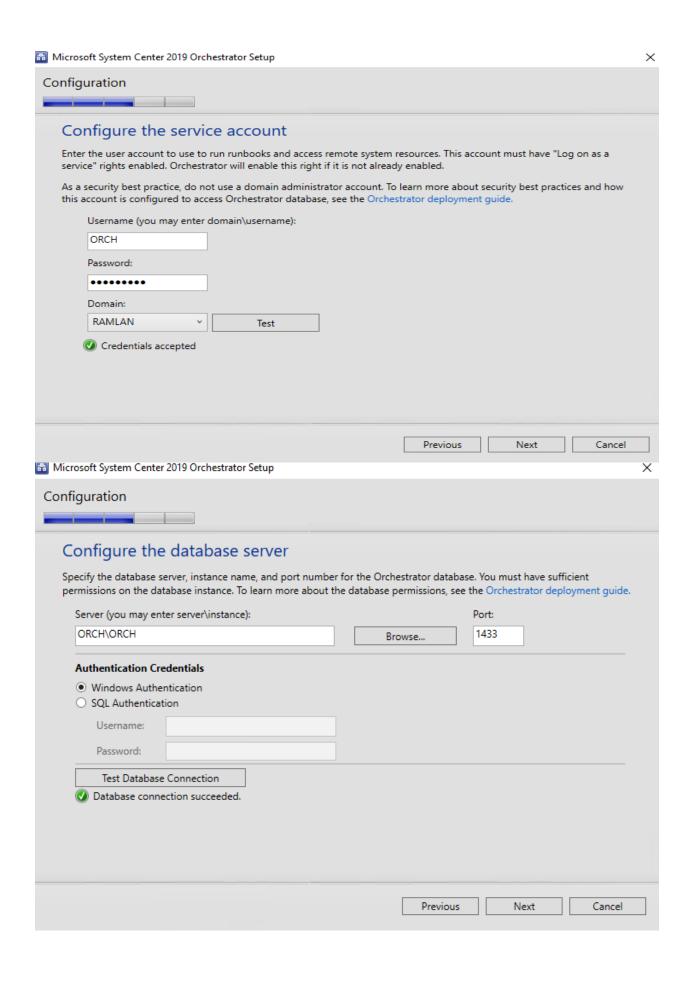
# **ORCHESTRATOR 2019 INSTALL:**

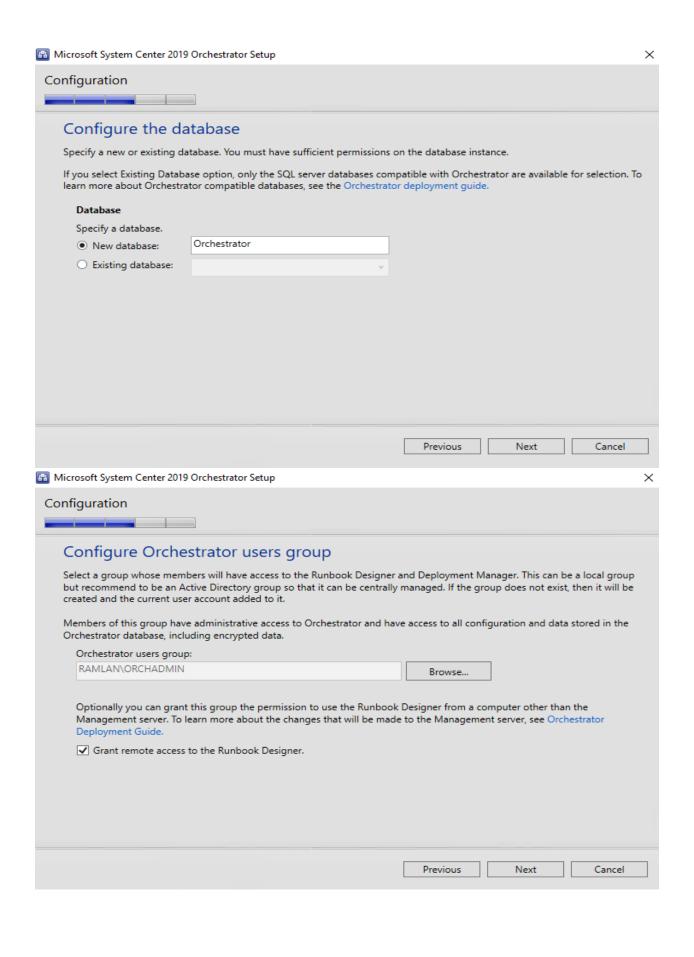
> ORCH > OS (C:) > Temp > System Center Orchestrator 2019

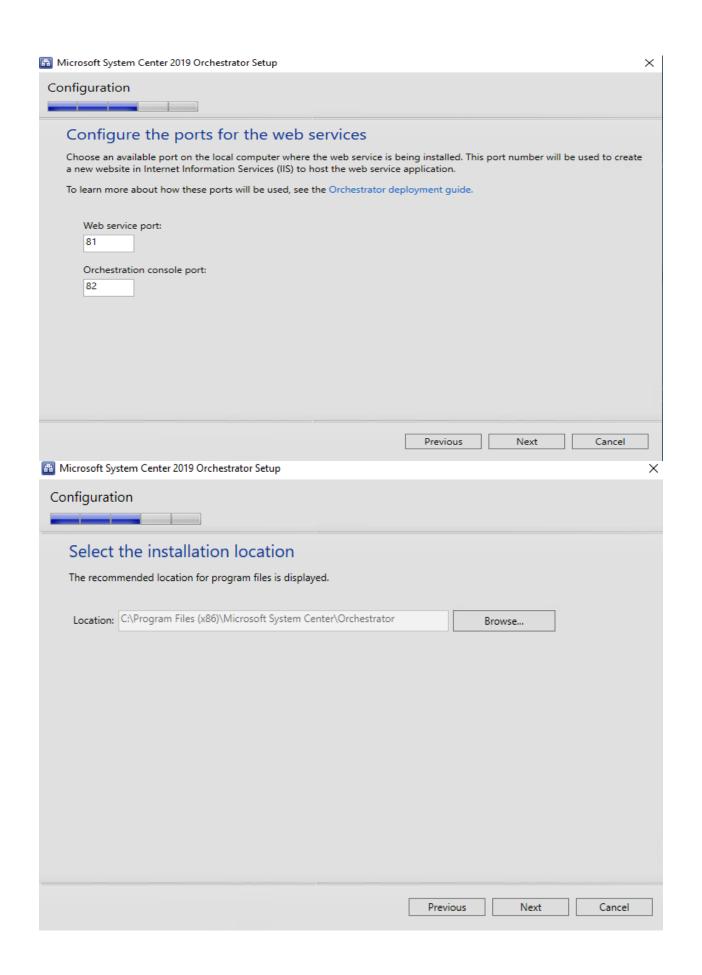
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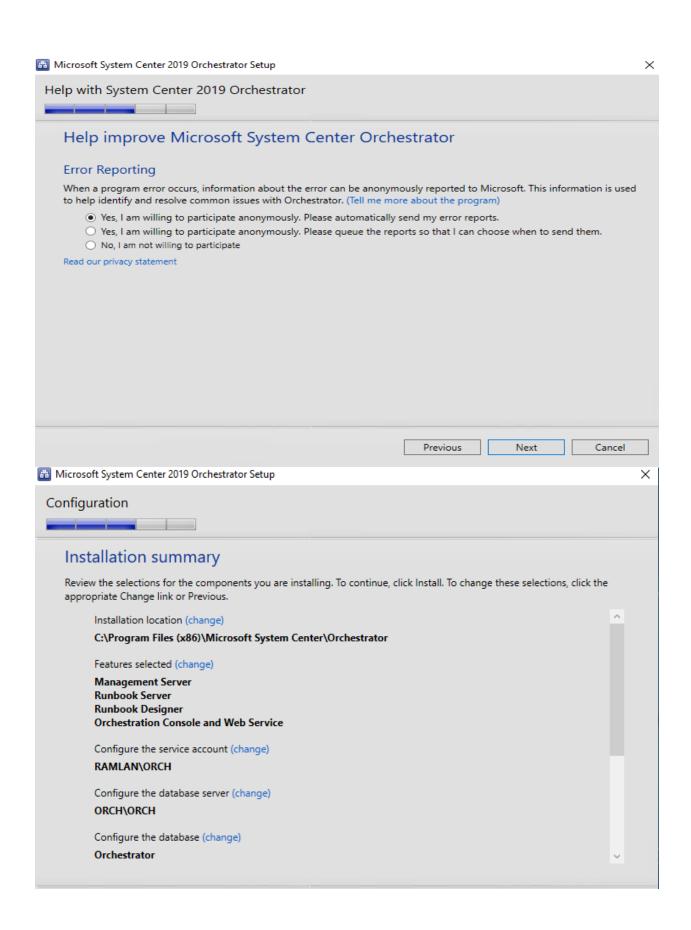


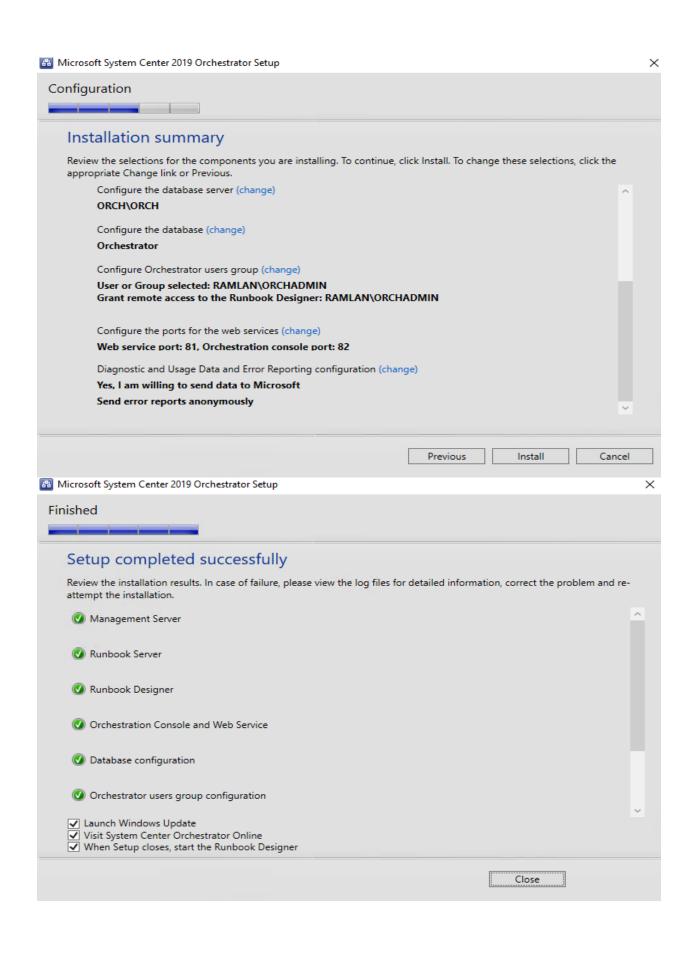












Microsoft

# System Center 2019

# Orchestrator

#### Version Information:

Designer: 10.19.40.0

Orchestrator Management Servers:

ORCH: 10.19.40.0

Libraries:

Compression-6-4109999.op4caw: 10.19.40.0 Compression-6-4109999.op4saw: 10.19.40.0 Database-14-40801.op4caw: 10.19.40.0

#### Privacy statement

Enter Product Key

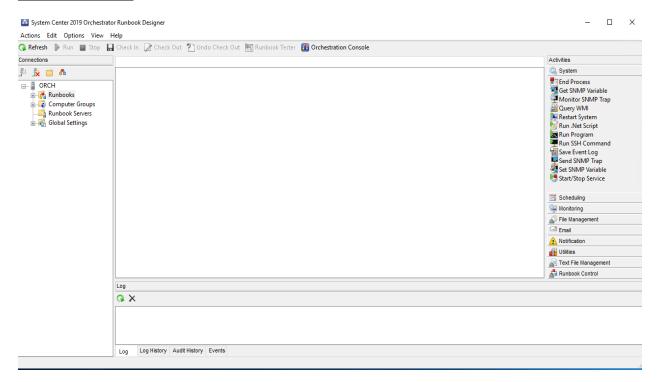
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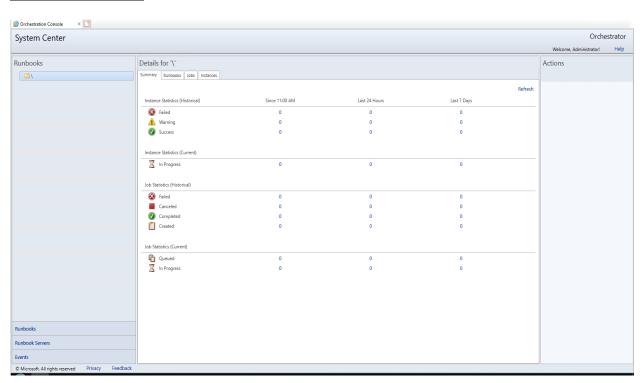
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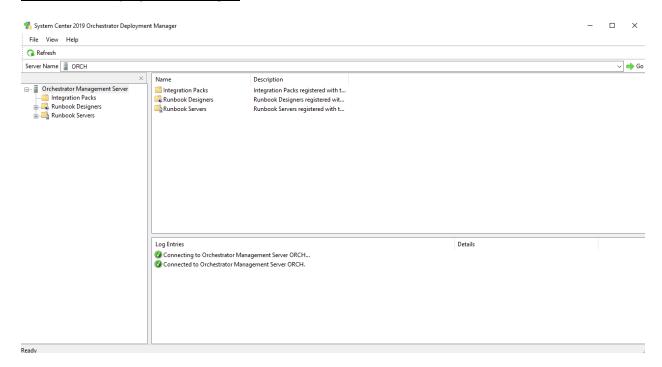
# **Runbook Designer:**



### **Orchestrator Console:**



# **Orchestrator Deployment Manager:**



This concludes the install process for Orchestrator 2019. In the next article, I will write about creating and deploying runbooks and others. Stay tuned...

**Thanks** 

Ram Lan 31<sup>st</sup> Dec 2019