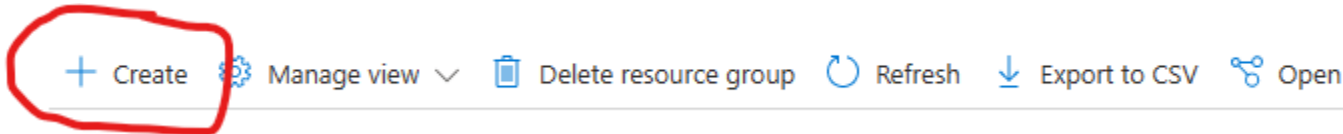


## Installing the Azure Arc enabled SQL Server agent on your SQL Servers.

1. Login to the Azure portal
2. Select an existing Resource Group or create a new one to contain your on-premises resources.
3. Click on create to create a new resource.




4. Type "sql server arc" in the search box and select SQL Server – Azure Arc

 sql server arc


☐ Azure benefit eligible only ⓘ


Showing 1 to 3 of 3 results for 'sql server arc'.



### SQL Server - Azure Arc

Microsoft  
Azure Service  
SQL Server - Azure Arc

Create ▾ 



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5. Click Create



## SQL Server - Azure Arc [Add to Favorites](#)

Microsoft

Plan

SQL Server - Azure Arc

Create

- You will be provided a list of requirements for the SQL Server, you will need a privileged account for the SQL Server, the SQL Server must have Power Shell installed and you will need to register Azure Microsoft.AzureArcData and Microsoft.HybridCompute as service providers in your subscription. If you have not done this a link is provided. The following link contains instructions on how to register azure service providers in your subscription: [Resource providers and resource types - Azure Resource Manager | Microsoft Learn](#) This is a one time per subscription task. Once the providers are registered in a subscription you will not need to repeat this task.
- Next select the **Server Details** tab and fill in the information requests.

## Connect Azure Arc-enabled SQL Server ...

Microsoft

Prerequisites

Server details

Tags

Run script

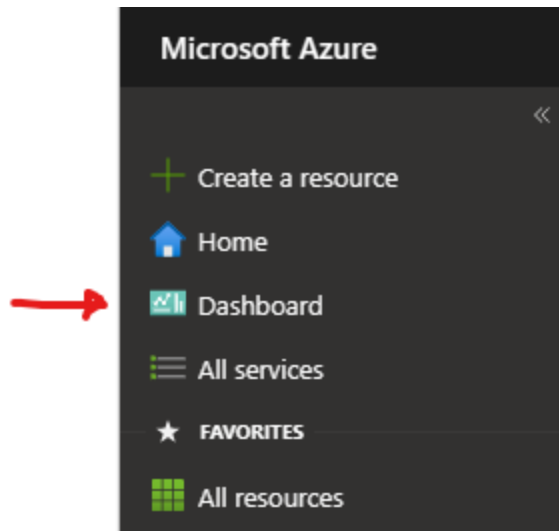
- Add any tags you would like to have on the **Tags** tab and then select **Run script** tab.
- Download the script and place it on your SQL server. Note: you can add multiple machines at once, documentation to do that is located here: [Connect SQL Servers on Azure Arc-enabled servers at scale - SQL Server | Microsoft Learn](#)
- Once you have successfully installed the agent on your SQL Server it will show up in the Azure portal.
- Repeat the steps above for each SQL Server you wish to enable with Azure ARC

## Create a Single Pane of Glass Dashboard

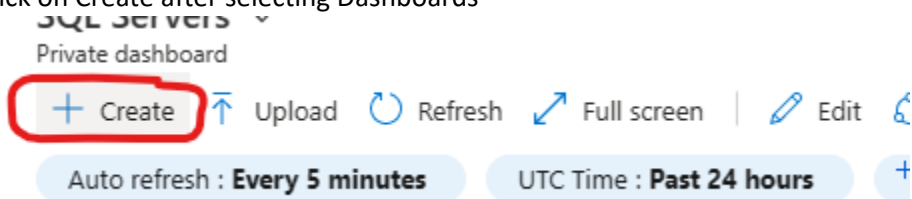
### Adding Resource graph grid tiles

To create a single pane of glass dashboard, login to your Azure subscription you used in the previous step while install the Azure ARC enable SQL Servers agent.

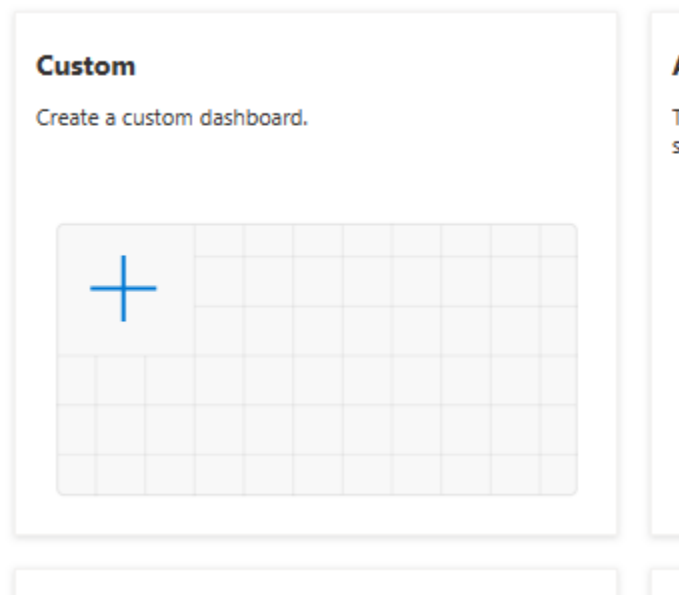
- Select Dashboard on the navigation pane.




2. Click on Create after selecting Dashboards




3. Select Create a custom dashboard.

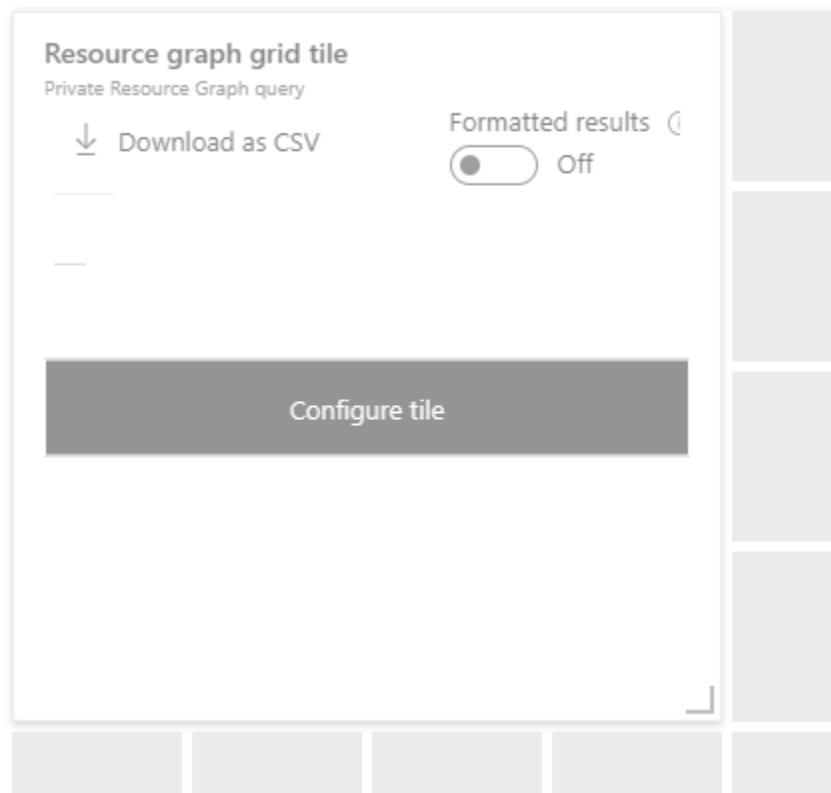


4. On the right hand side of the screen where it says Tile Gallery select Resource graph grid tile.

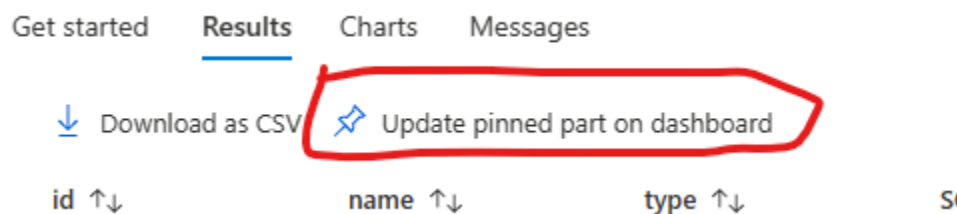
 HTML5 video, YouTube, or Channel9.

 Resource graph grid tile  
Use Resource Graph Explorer to query a list of results. View your results in raw or formatted form. Azure...

- Click Save and then click “configure tile” in the tile for the Resource graph grid tile.



- You will see a sample kusto query. Cut the query from the Servers query included in this repo overwrite the sample query with the Servers query.
- Run the Query. Make any changes you would like to make and update the tile in the dashboard by selecting “Update pinned part on dashboard”.



- If all goes well, you should see something similar to the below with the SQL Servers you installed the Azure Arc SQL Agent as well as Azure SQL Servers running in Azure.

9. To add the Databases Grid tile click edit to edit the exiting dashboard and repeat the steps above pasting the Databases query from this repo in the Kusto query area.

#### Adding Resource graph grid tiles

10. In your new dashboard click edit again and add a resource graph chart tile.
11. Click save and in the dashboard click configure on the new tile.
12. Cut and paste the Server by location Kusto query into the query box.
13. Repeat for the databases chart and you should see something similar to this as your finished dashboard.

SQL Servers

Private dashboard

[+](#) Create [↑](#) Upload [↺](#) Refresh [↗](#) Full screen | [✎](#) Edit [🔗](#) Share [↓](#) Export [☰](#) Clone [🗑](#)

Auto refresh : **Every 5 minutes** UTC Time : **Past 24 hours** [+🔍](#) Add filter

[↓](#) Download formatted results as CSV

Name	Type	SQLversion	edition	Cores
<a href="#">Demo2022</a>	On-Premises	SQL 2022	Developer	32
<a href="#">DEVDB</a>	On-Premises	SQL 2019	Developer	32
<a href="#">SQLDB</a>	On-Premises	SQL 2019	Developer	24
<a href="#">sqlldb2</a>	On-Premises	SQL 2022	Developer	24
<a href="#">SQLSTDCore</a>	On-Premises	SQL 2026	Enterprise	16
<a href="#">SSRS</a>	On-Premises	SQL 2019	Enterprise	16

SQL Databases.

Private Resource Graph query

[↓](#) Download formatted results as CSV

Name	Type	Location	state
<a href="#">ContosoHR (Demo2022/Contos...</a>	SQL Server database - Azure Arc	South Central US	Online
<a href="#">DWConfiguration (Demo2022/...</a>	SQL Server database - Azure Arc	South Central US	Online
<a href="#">DWDiagnostics (Demo2022/DW...</a>	SQL Server database - Azure Arc	South Central US	Online
<a href="#">DWQueue (Demo2022/DWQue...</a>	SQL Server database - Azure Arc	South Central US	Online
<a href="#">GapFilling (Demo2022/GapFillin...</a>	SQL Server database - Azure Arc	South Central US	Online
<a href="#">master (Demo2022/master)</a>	SQL Server database - Azure Arc	South Central US	Online
<a href="#">model (Demo2022/model)</a>	SQL Server database - Azure Arc	South Central US	Online
<a href="#">msdb (Demo2022/msdb)</a>	SQL Server database - Azure Arc	South Central US	Online
<a href="#">tempdb (Demo2022/tempdb)</a>	SQL Server database - Azure Arc	South Central US	Online
<a href="#">WideWorldImporters (Demo202...</a>	SQL Server database - Azure Arc	South Central US	Online

14. You can resize each individual tile and arrange them however you like on your new dashboard by clicking edit at the top of the dashboard.

You can customize your Kusto queries to meet your needs. Use the following links to get started writing Kusto queries.

- [Azure Resource Graph documentation | Microsoft Learn](#)
- [Starter query samples - Azure Resource Graph | Microsoft Learn](#)
- [Tutorial: Kusto queries | Microsoft Learn](#)