

9. Create a new Azure Storage account with Table storage.

- Create a table (e.g., "Employee") in Table storage.
- Insert a record with sample data (e.g., EmployeeID, Name, Department).
- Use Azure Storage Explorer or Azure portal to query and view the inserted data.

Step 1: Create an Azure Storage Account

1. Sign in to the Azure portal.
2. In the left sidebar, click on "Create a resource."
3. Search for "Storage account" and select it from the results.
4. Click on "Create" to start the storage account creation process.
5. Fill in the required information, including Subscription, Resource Group, Storage account name, and other settings.
6. Under the "Advanced" tab, set the "Hierarchical namespace" to "Enabled" (this is required for Table storage).
7. Review the other settings, and click on "Review + create."
8. Review your configuration, and if everything looks good, click on "Create."

The screenshot shows the 'Create a storage account' wizard in the Microsoft Azure portal, specifically the 'Review' tab. The breadcrumb trail at the top indicates the path: Home > Create a resource > Marketplace > Storage account >. The 'Review' tab is selected among several other tabs: Basics, Advanced, Networking, Data protection, Encryption, Tags, and Review. The 'Basics' section contains the following configuration details:

Property	Value
Subscription	Free Trial
Resource Group	StrRg
Location	centralindia
Storage account name	testtabledemo
Deployment model	Resource manager
Performance	Standard
Replication	Read-access geo-redundant storage (RA-GRS)

The 'Advanced' section shows the following settings:

Property	Value
Enable hierarchical namespace	Enabled
Enable network file system v3	Disabled
Allow cross-tenant replication	Disabled
Access tier	Hot
Enable SFTP	Disabled
Large file shares	Disabled

The 'Networking' section shows:

Property	Value
Network connectivity	Public endpoint (all networks)

At the bottom of the wizard, there is a blue 'Create' button, a '< Previous' button, a 'Next >' button, and a link to 'Download a template for automation'. A 'Give feedback' link is also present in the bottom right corner.

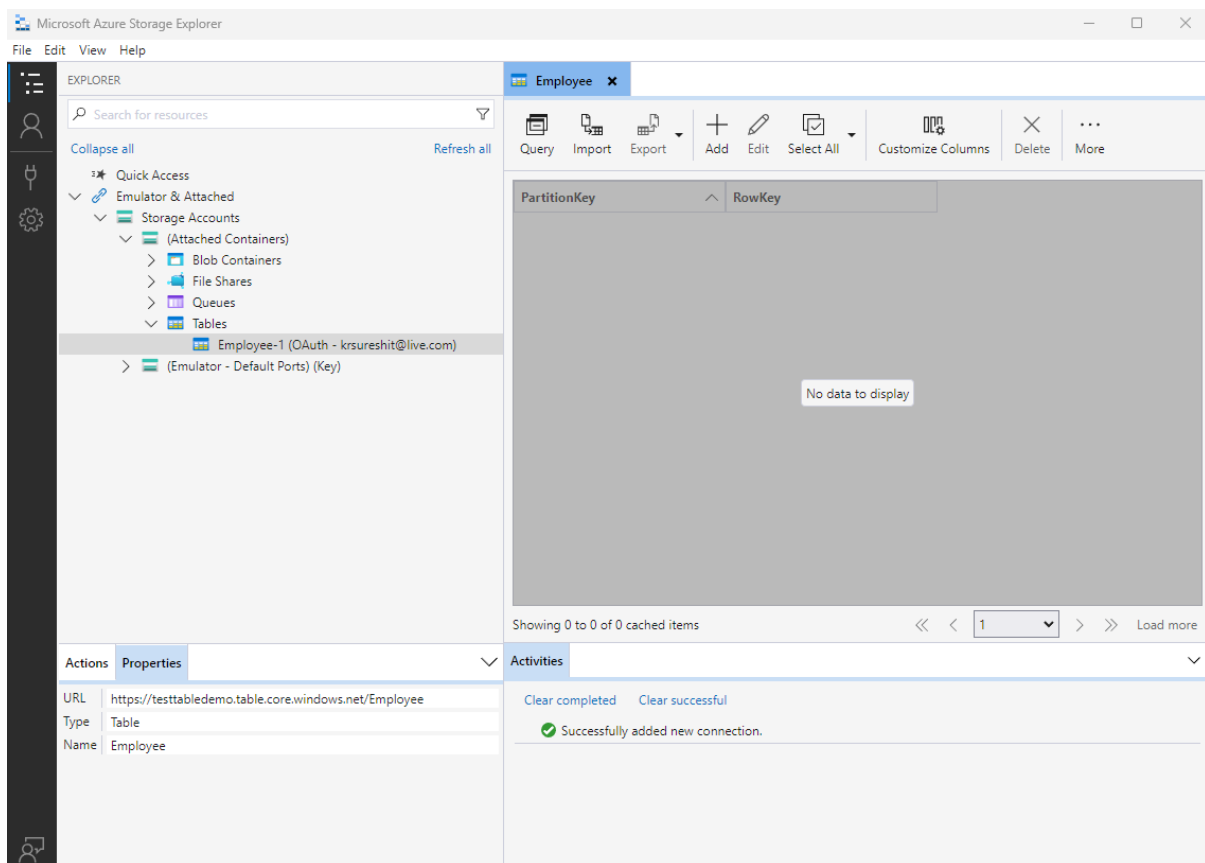
Step 2: Create a Table in Table Storage

1. Once the storage account is created, navigate to it in the Azure portal.
2. In the storage account menu, under "data storage," click on "Tables."
3. Click on the "+ Table" button.
4. Enter a name for your table (e.g., "Employee") and click on "OK."

Step 3: Insert a Record into the Table

You can use various tools to insert records into Table storage, such as Azure Storage Explorer, Azure SDKs, or the Azure portal. I'll provide an example using Azure Storage Explorer:

1. Download and install Azure Storage Explorer.
2. Open Azure Storage Explorer and connect to your Azure account.
3. Navigate to your storage account, find the "Tables" node, and right-click to create a new table ("Employee").



4. Right-click on the "Employee" table, and select "Table Operations" -> "Insert Entity."
5. Enter sample data for the Employee record (e.g., EmployeeID, Name, Department) and click "Insert."

Add entity

Property Name	Type	Value	
PartitionKey	String	Enter identifier value	
RowKey	String	Enter identifier value	
EmployeeID	String	SP8102	
Name	String	Ram	
Department	String	CRM	

Add property

Insert

Cancel

Employee					
Query	Import	Export	Add	Edit	Select All
Customize Columns					
Delete					
Table Statistics					
Refresh					
PartitionKey	RowKey	Timestamp	EmployeeID	Name	Department
key1	Key1	2024-01-21T14:23:23.7906998Z	SP8101	Kumar	IT Support
myPartitionKey	myRowKey	2024-01-21T14:26:16.758127Z	SP8102	Ram	CRM
		2024-01-21T14:22:26.6902411Z	SP8100	Yuvaraj M	B2B Support

Step 4: Query and View the Inserted Data

You can use Azure Storage Explorer or the Azure portal to query and view the inserted data. Here's an example using Azure Storage Explorer:

1. In Azure Storage Explorer, navigate to your storage account, find the "Tables" node, and right-click on the "Employee" table.

2. Select "Query" to open the query editor.
3. Write a query to select data from the table. For example:
`PartitionKey eq 'key1' and RowKey eq 'Key1'`
4. Execute the query, and you'll see the results with the inserted data.

Employee

Close Query

Import

Export

Add

Edit

Select All

Customize Columns

Delete

Table Statistics

Refresh

Save

Undo

Redo

Find

Filter

Clear

Run

Changes made in the text editor cannot be displayed in the query builder.

PartitionKey eq 'key1' and RowKey eq 'Key1'

Need help writing OData queries?

Advanced Options

PartitionKey	RowKey	Timestamp	EmployeeID	Name	Department
key1	Key1	2024-01-21T14:26:16.758127Z	SP8102	Ram	CRM

Remember that Azure Storage Explorer is just one option, and you can also use Azure SDKs or other tools to interact with Table storage based on your preferences and requirements.