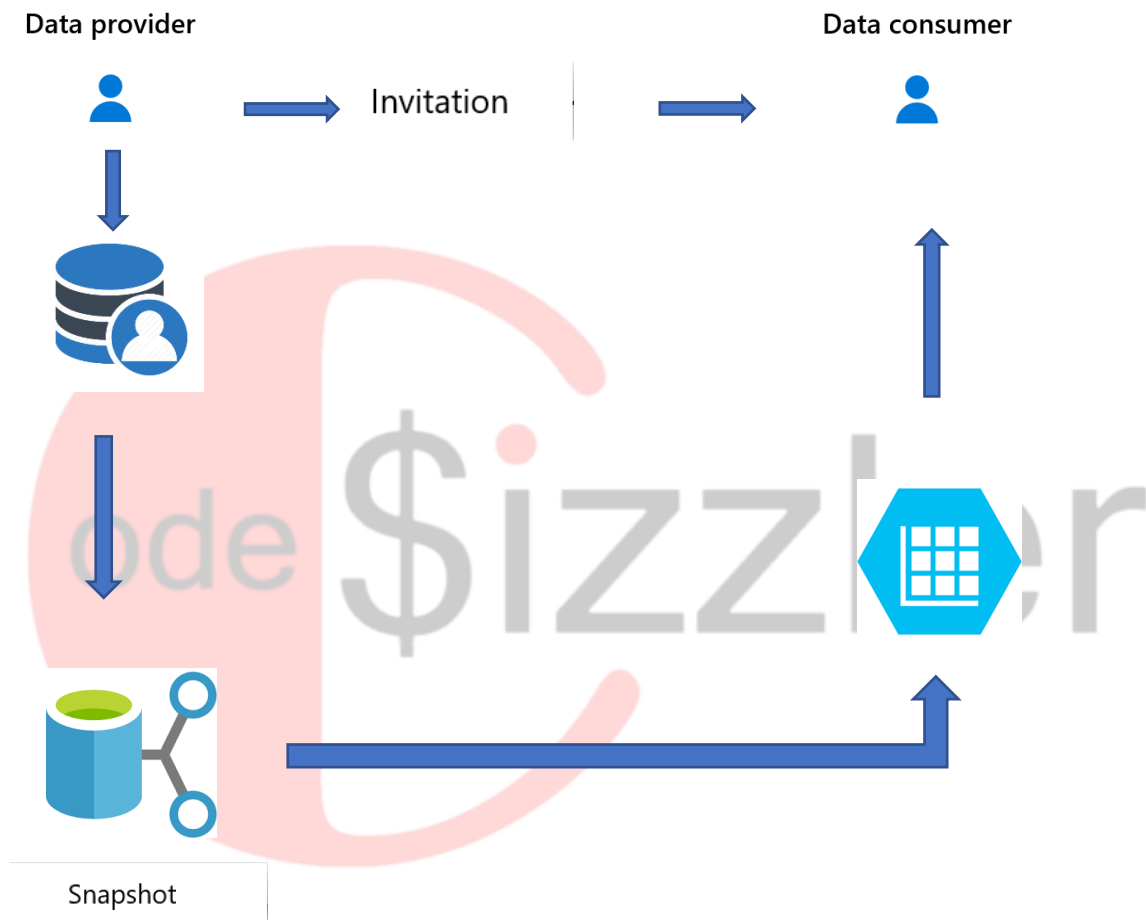# Accept and receiving data using Azure Data Share

Use case scenario

Contoso wants to share data from different platforms link Azure Storage account, Azure Data Lake Store, etc., they should be able to share and receive data along with enabling regular refresh interval to ensure that they always have the most recent snapshot of the data being shared with them.

Solution architecture

From the data provider an invitation is sent to the data receiver to access the data. The data provider has a set of data in a platform like SQL Database, Azure Data Lake Storage, etc., By calling the data from Azure Data Share by using snapshot to the Storage account or some other platform the consumer can able to access the data.

Note: If you are going to receive the data from SQL Database you need to map the dataset.
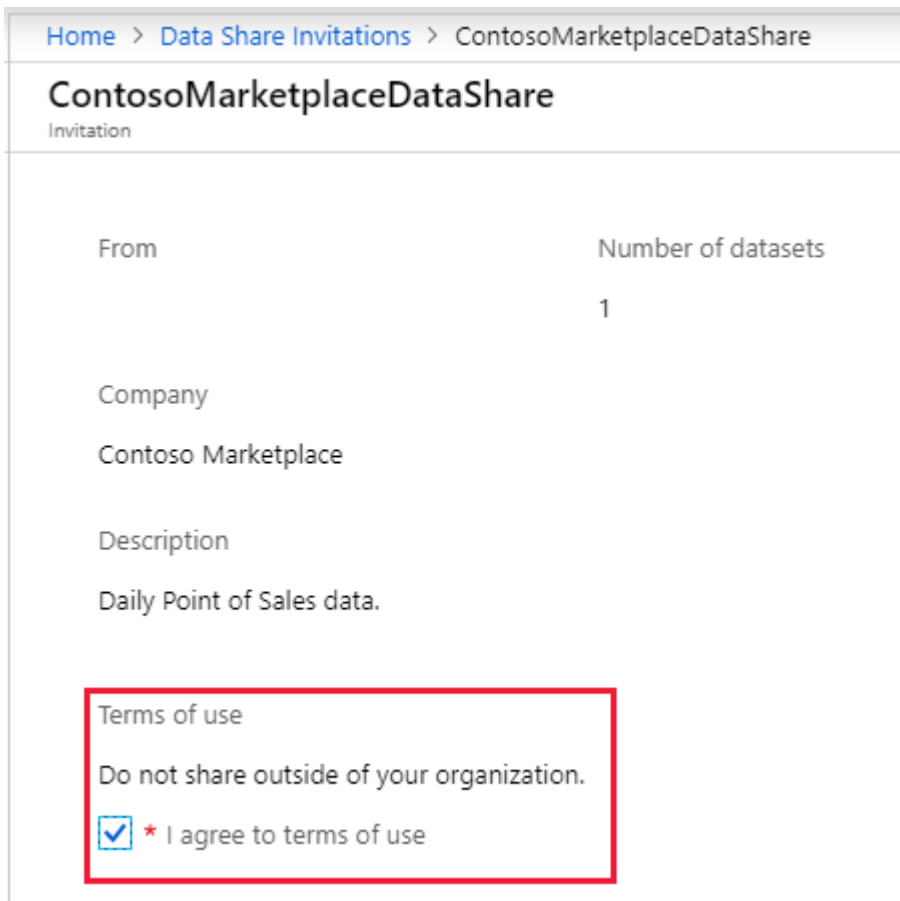
Pre-requisites

To perform this demo, user must have the following resource:

- valid Azure subscription
- Azure Data Share account
- Azure Storage account
- Some basic knowledge on Azure Data Share

Demo

Log-in to Azure portal with your account using www.portal.azure.com. In Azure portal accept the data share invitation received from yourdataprovider@domain.com. Make sure that you have agreed the terms and conditions.

It will land up a data share creating page. When it prompts configure the following settings and click on **Accept and Configure**.

- Subscription: Select a valid subscription
- Resource group: Create a new resource group
- Data Share account: For the Data Share account you can use the existing one or you can also create a new account.
- Received share name: Give a valid name

TARGET DATA SHARE ACCOUNT

* Subscription

    └ * Resource group

* Data share account

    Create New

* Received share name ⓘ   datafromcontoso ✓

[Accept and configure] [Reject] [Accept and configure later]

When you click on accept and configure it will navigate you to configuring the storage account. In that panel configure the following settings

- Subscription: Select a valid subscription
- Resource group: Select the resource group which you have used in the previous step
- Storage account name: Select a valid Storage account
- File system name: Give a unique name for your file system

Home > Data Share Invitations > ContosoMarketplaceDataShare > ContosoMarketplaceDataShareSetting

ContosoMarketplaceDataShareSetting
Invitation

⚠ By clicking the "Save" button, I grant Azure Data Share permission to write data into the selected Storage Account.

TARGET STORAGE SETTING

Provide a destination storage account where the data will be copied into. Data flow will start after destination storage is configured. If you choose to configure it later, you can do so within the Data Share Account by selecting the received share and Setting tab.

* Subscription

    └ * Resource group

* Storage Account

* File System Name   posdatafromcontoso ✓

Make sure that you have enabled the snap shot settings, it allows you to receive regular refresh of your data. After configuring all the above settings click on save.

After the deployment gets complete navigate to the resource and in the **Received Shares** panel select the **Full copy** option form the drop-down list of **Trigger snapshot**.

When the run gets complete navigate to the dataset blade next to the details blade. In the dataset blade you can able to find the data shared with you.