Long Term Retention for Azure Database for PostgreSQL Flexible Server

Important Reminders

Long Term Retention (LTR) backups are currently available in private preview for select customers only.

LTR backups during private preview should be only enabled on **non -production** servers. Microsoft does not recommend or support enabling features in private preview for production usage.

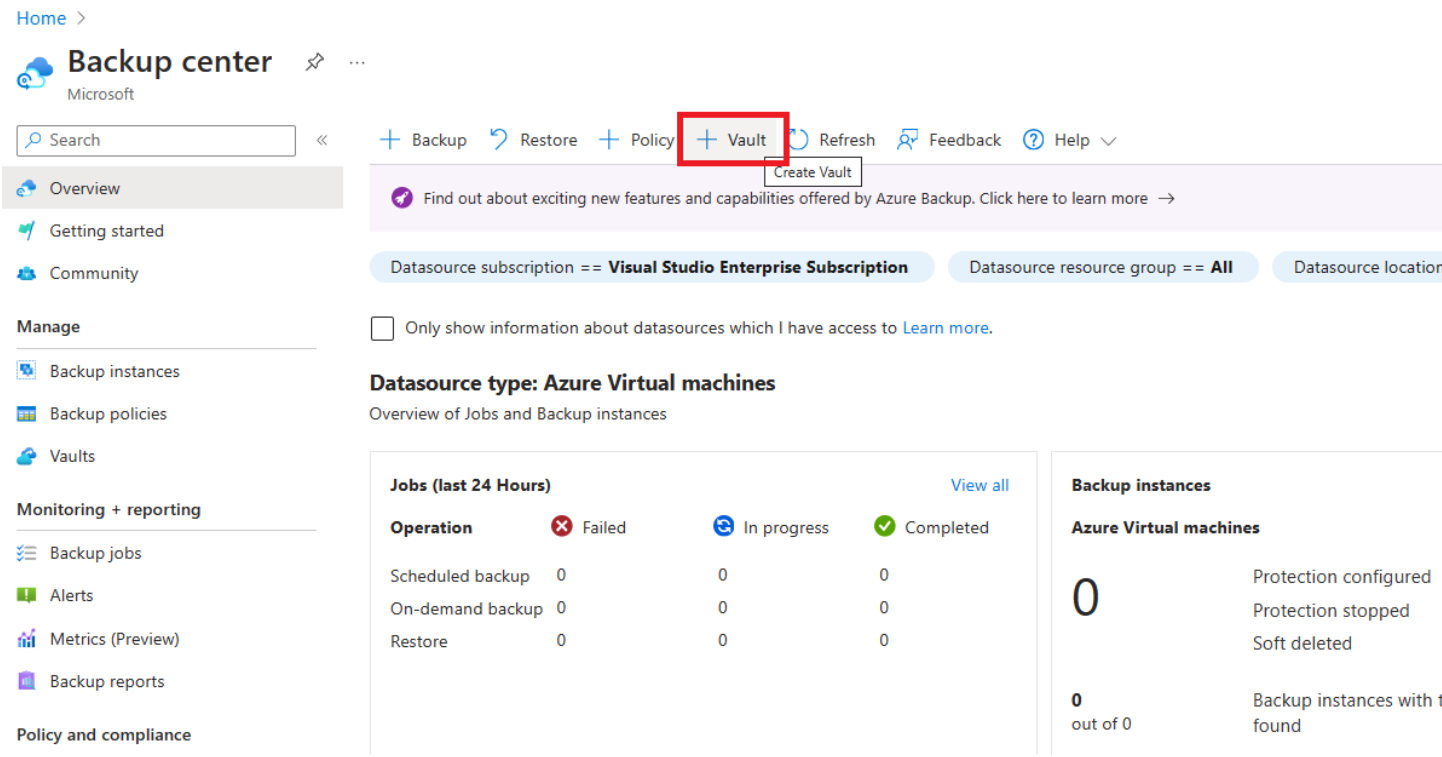
LTR feature is currently available only in **East US1, East US2, West Europe, North Europe, Switzerland North. Central US, Australia East regions** only.

LTR can be accessed only using this URL. https://aka.ms/ossflexbackup

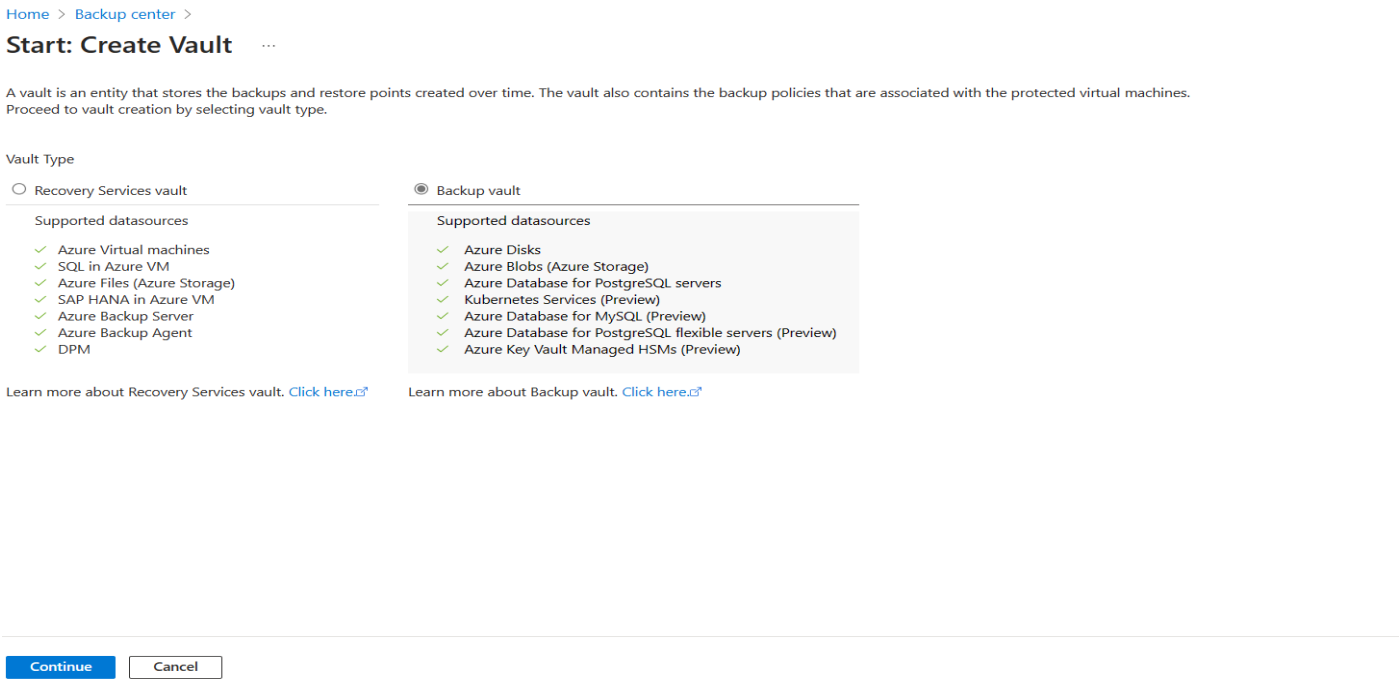
LTR restore is currently available to **RestoreasFiles** to storage accounts, **RestoreasServer** will be available in future.

Please follow the steps below to enable LTR for your Azure Database for PostgreSQL Flexible Server

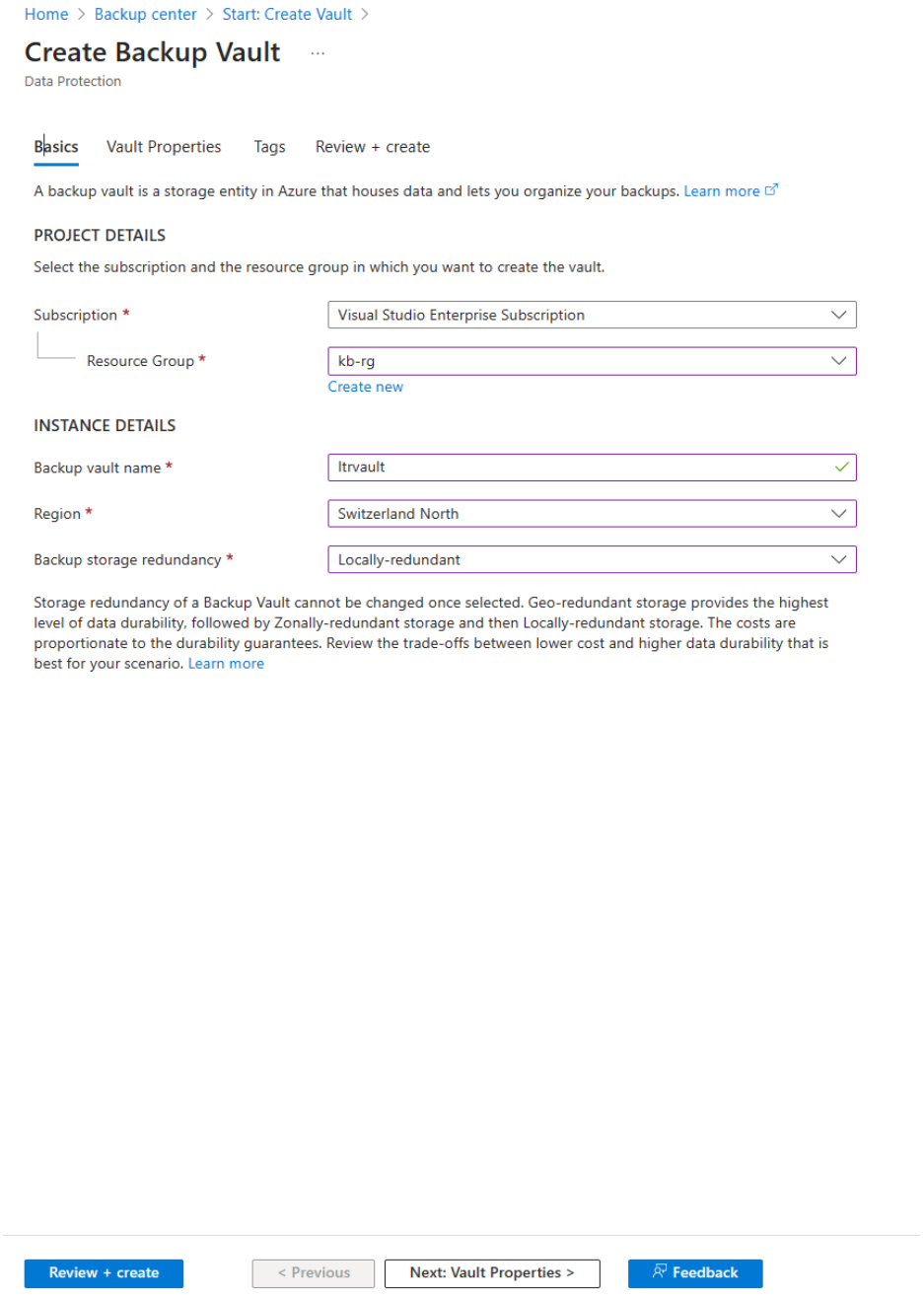
1. Please open this URL to access LTR https://aka.ms/ossflexbackup
2. Please search for **Backup Center**
3. Create a Vault by clicking **the Vault** button.



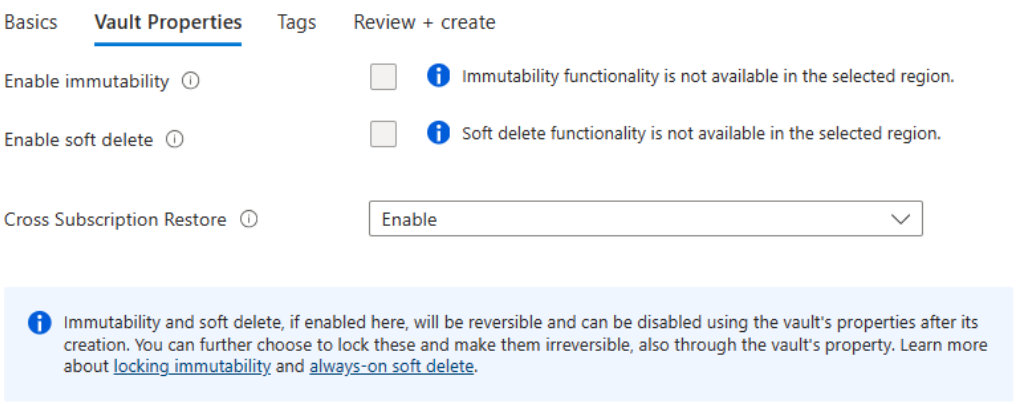
4. Choose **Backup Vault** and click **continue.**



5. Choose your resource group, location, redundancy option and provide a vault name and click **Create.**



You can optionally select vault properties if you would like to enable immutability and soft delete. Please note these features might not be available in all regions.



6. Let's create the Backup Policy now. To do this please go to **Backup Policies** from **Backup Center** and click **Add.**

Select Data source as **Azure Database for PostgreSQL Flexible Servers (Preview),** provide your policy name and choose your vault name created from step 5.

Choose **Schedule + Retention** to change the schedule. Currently only weekly option is available, but you can schedule the backups on multiple days of the week to make it daily or twice a week.

Create Backup Policy

1 Basics 2 Schedule + retention 3 Review + create

Policy name * ltr-backup-policy

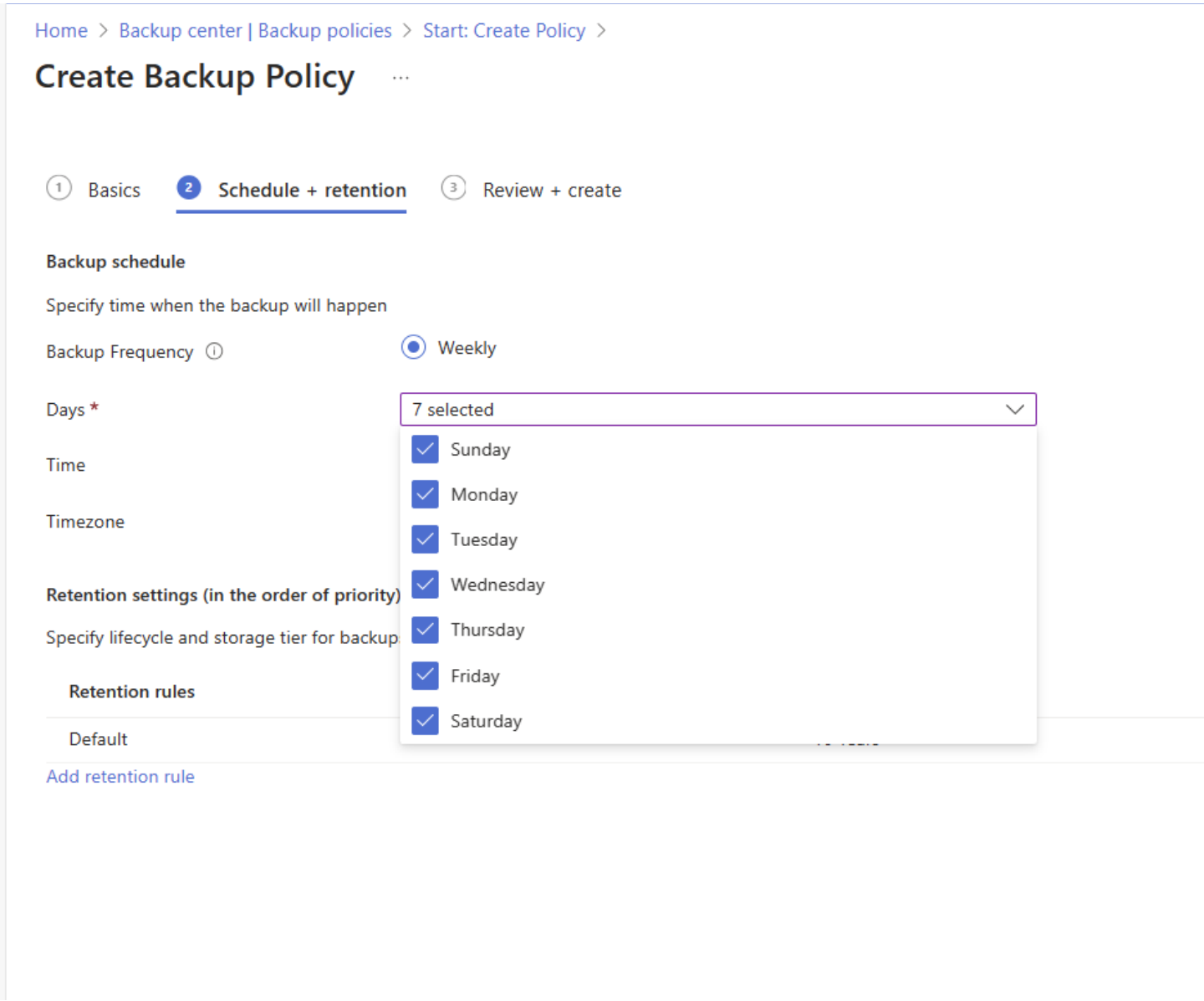
Datasource type * Azure Database for PostgreSQL flexible servers (Preview)

Vault * ltrvault
Select vault

Selected backup vault details

Subscription	Visual Studio Enterprise Subscription
Resource group	kb-rg
Location	Switzerland North
Backup storage redundancy	Locally-redundant

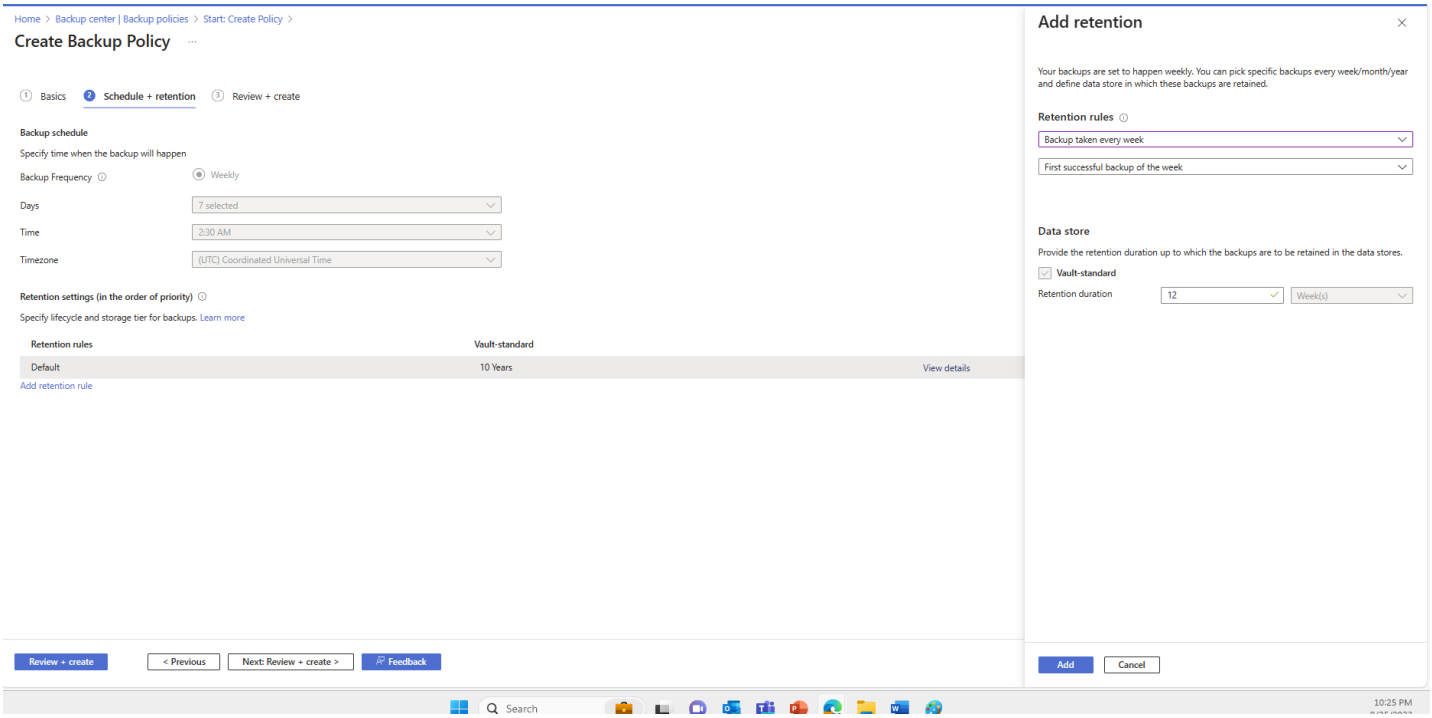
Review + create < Previous Next: Schedule + retention > Feedback



You can add one or more retention rules. Each retention rule assumes inputs for specific backups, and data store and retention duration for those backups.

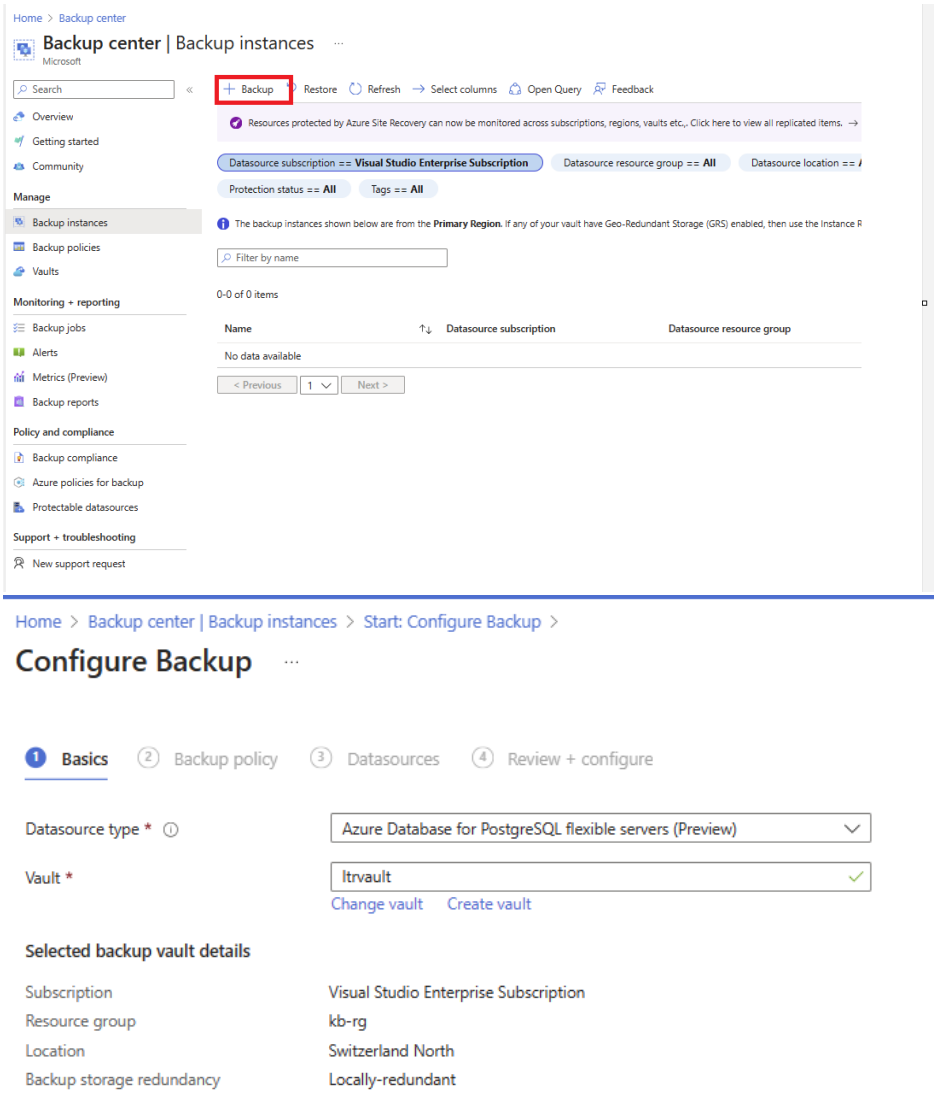
Retention duration ranges from seven days to 10 years in the Backup data store.

> **Note**: The retention rules are evaluated in a pre-determined order of priority. The priority is the highest for the yearly rule, followed by the monthly, and then the weekly rule. Default retention settings are applied when no other rules qualify. For example, the same recovery point may be the first successful backup taken every week as well as the first successful backup taken every month. However, as the monthly rule priority is higher than that of the weekly rule, the retention corresponding to the first successful backup taken every month applies.

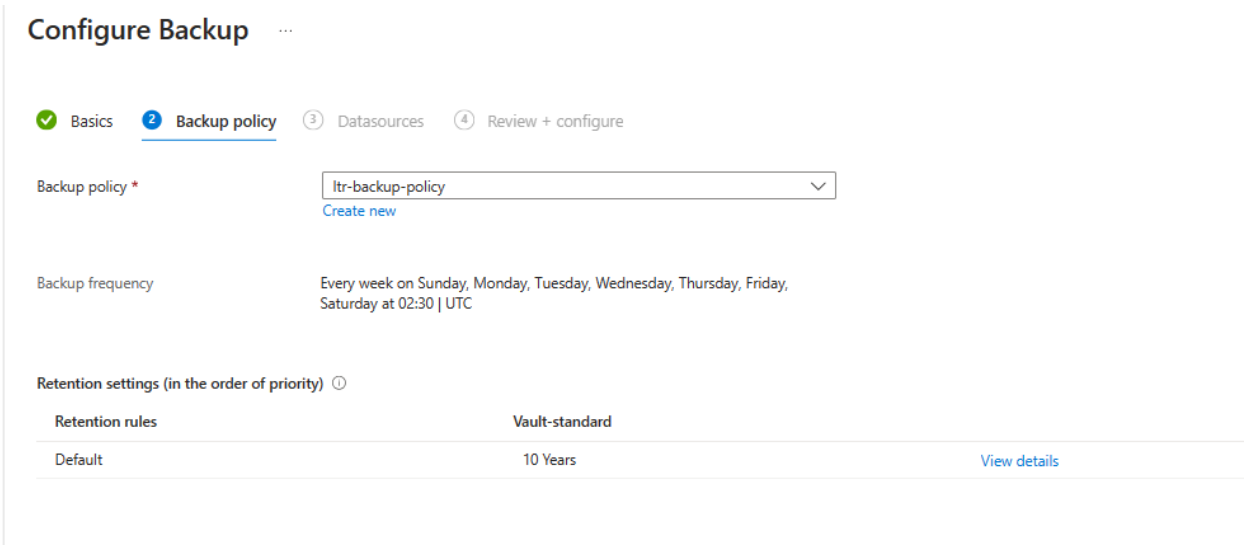


We have so far created the **backup vault** and **backup policy** with our retention requirements. Now let's configure LTR backups for Azure Database for PostgreSQL Flexible Server Instance.

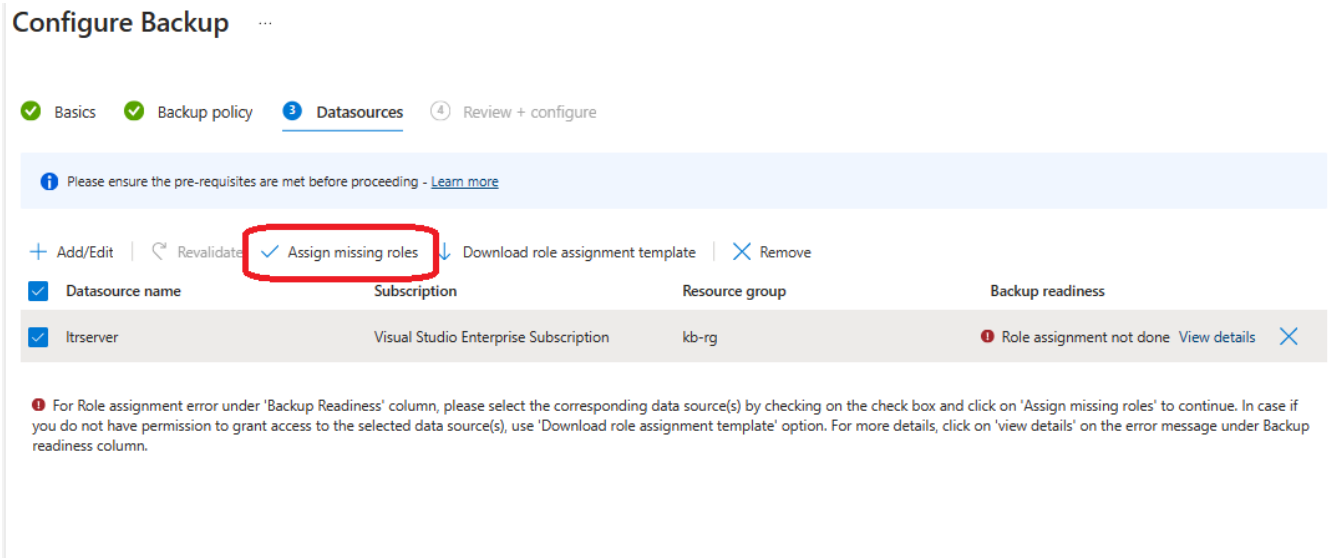
7. Go to **Backup center** or **Backup Vault** and click **Backup** and provide the vault details by selecting the flexible server data source type.

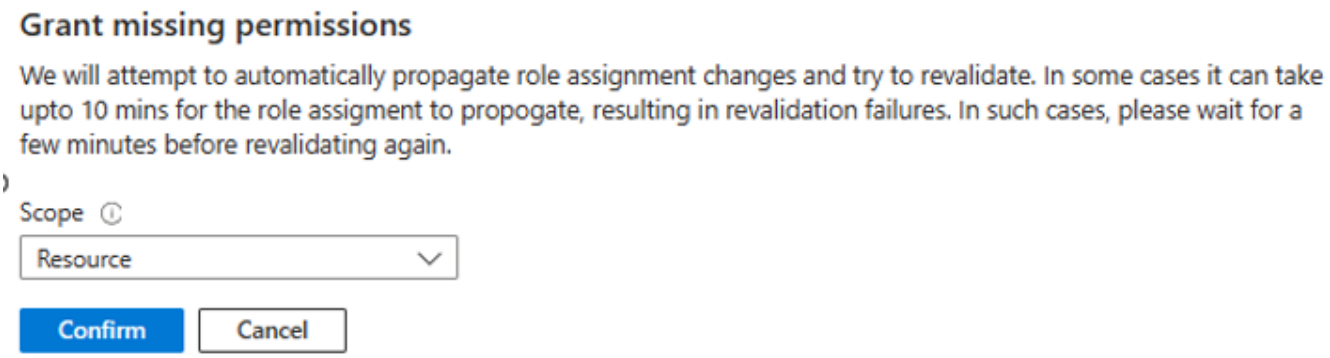


Backup policy defaults to vault backup policy, you can create a new one if you wish.

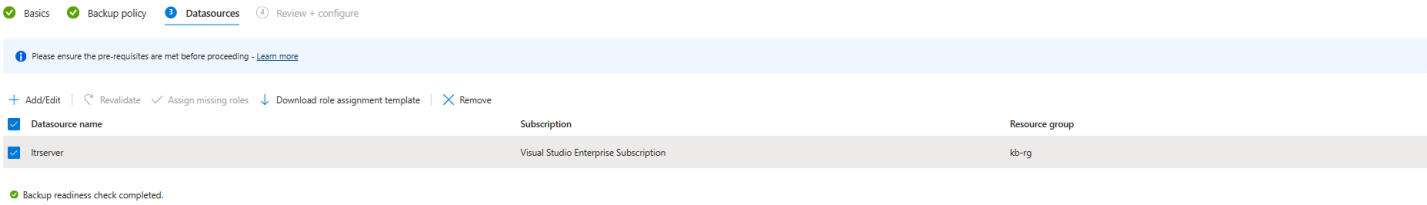


In Data sources click **Add/Edit** and select your flexible server instance and click the server's name. Please click **Assign missing roles** and you might see below pop-message requesting you to grant access for missing permissions. Click **Confirm**

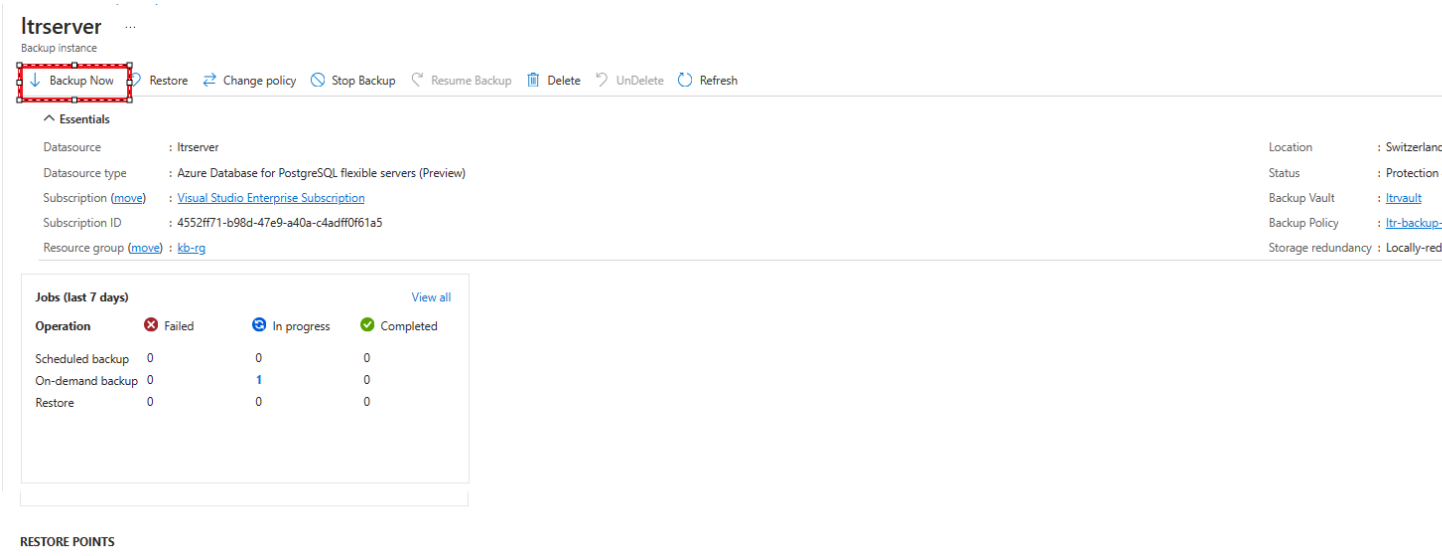




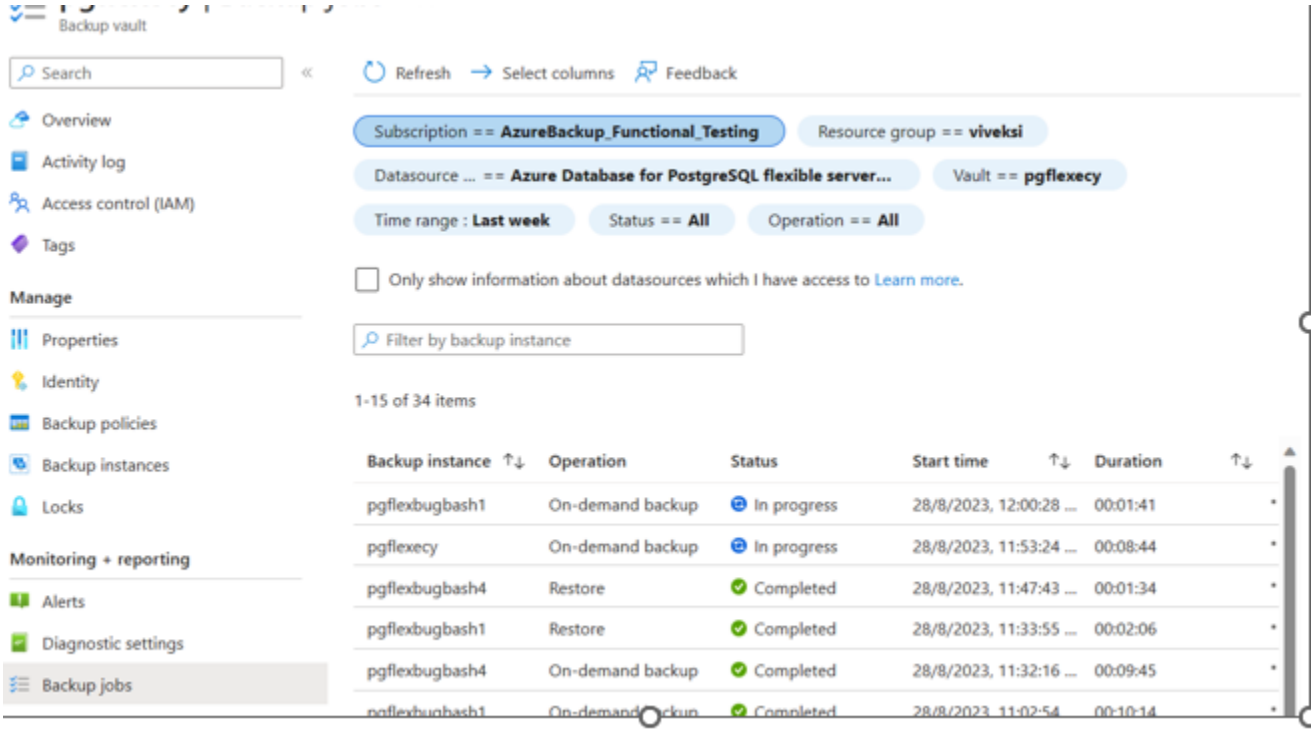
Once you do it you should see the success message. Click **Next and** select **Configure Backup**



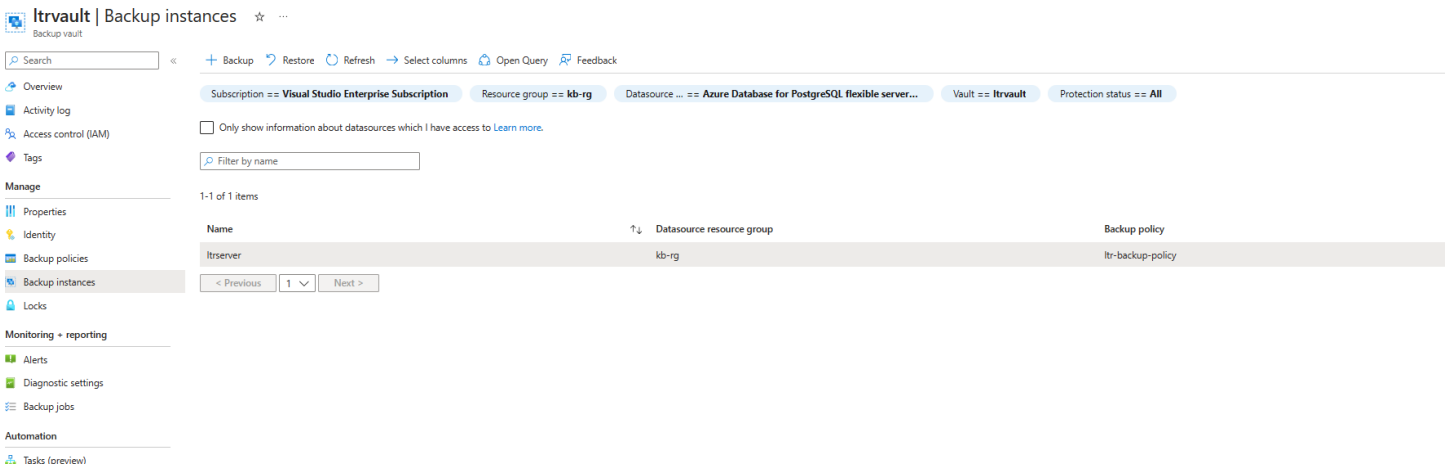
8. LTR backups run on schedule, but you can trigger a on demand backup. To do this go to **Backup Vault** choose **Backup Instances**, select your flexible server, and click **Backup Now**



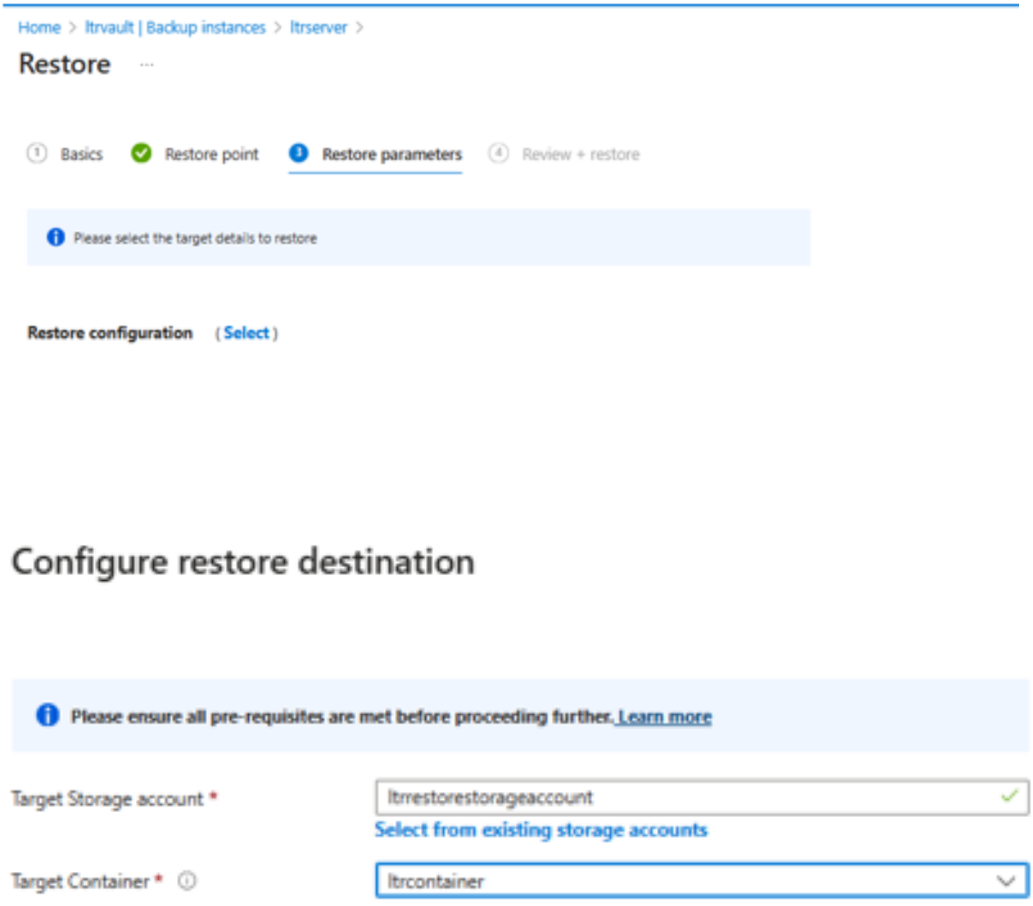
9. If you have configured LTR for many servers, you can monitor all-backup jobs using **Backups jobs** from vault.



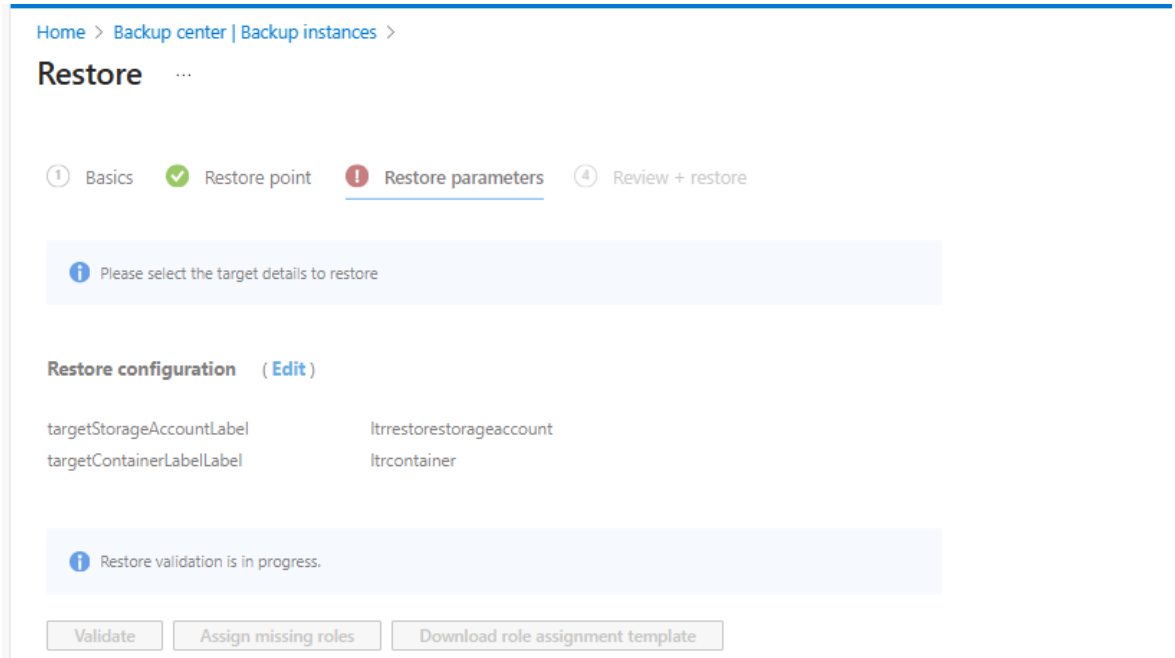
10. To initiate a Restore Go to **Backup vault -> Backup Instance**s. Select the PostgreSQL-Flexible server to be restored and right click options to choose "**Restore**" and click **Next: Restore parameters.**



Choose your storage account and container, if you don’t have one then create them before initiating a restore.



Once done. Please click **Validate,** if you get permission errors, please click **Assign missing roles** and once validation is successful, please click **restore**.



Notifications

More events in the activity log →

Dismiss all

Triggering restore for ltrserver

Restore triggered successfully. Please monitor progress in backup jobs page.

a few seconds ago

Home >

Restore ...

Refresh

Job Details

Activity ID	09872a89-ac55-44a3-9f92-9a289fb340ba-Ibz
Backup instance	ltrserver
Operation	Restore
Status	Completed
Start time	9/26/2023, 8:47:59 AM
Duration	00:02:04
User triggered job	true
Policy name	ltr-backup-policy
Data transfered in bytes	55194
Restore point time	9/25/2023, 10:54:51 PM
Restore destination	https://ltrrestorestorageaccount.blob.core.windows.net/ltrcontainer
Restore File Prefix	ltrrestorestorageaccount

Sub tasks

Name
Trigger Restore

You can open your storage account container to see all your backup files.