

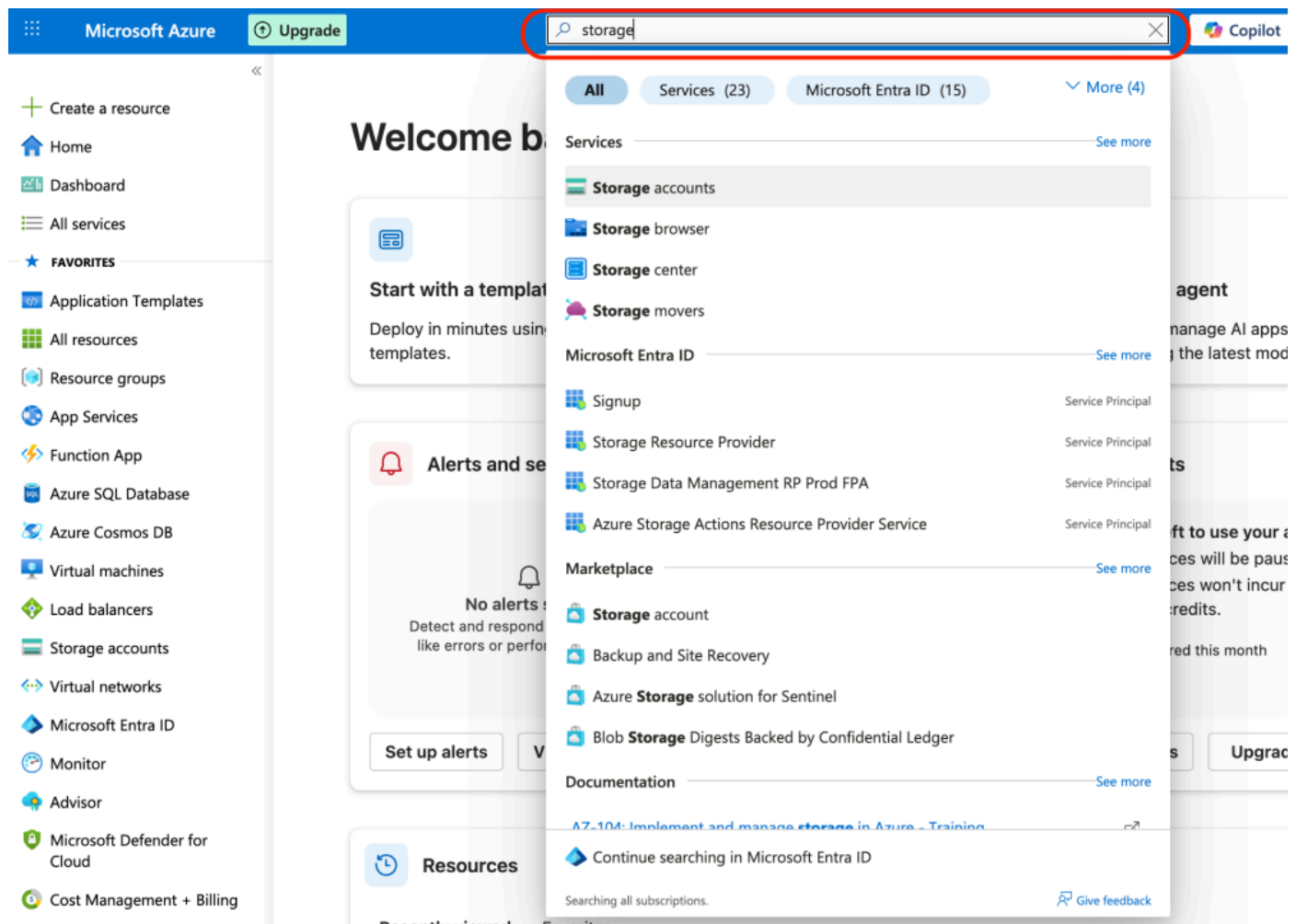
How to configure automatic backup in Azure Blob Storage?

help.fracttal.com/hc/en-us/articles/45507715723533-How-to-configure-automatic-backup-in-Azure-Blob-Storage

Setting up automatic backups is essential to ensure the security and integrity of the **Fracttal One** database. This detailed guide describes the necessary steps to integrate the platform with **Azure Blob Storage**, a reliable and scalable service for storing backups automatically.

Step 1: Access Azure Portal

Log in to the **Azure Portal** and use the search bar to find "**Storage Accounts**".



Storage Accounts is the core Azure service where your database automatic backups will be stored.

Step 2: Create a Storage Account

1. In the **Azure Portal**, go to the **Storage Center** and select the **Blob Storage** option.
2. Click **Create** to start creating a new storage account.

Summary **Resources**

- Overview
- All storage resources
 - Object storage
 - File storage
 - Block storage
 - Data management
 - Migration
 - Partner solutions
 - Management services
 - Help

+ Create Restore Manage view Refresh Export to CSV Open query Assi

Create new storage account

Subscription equals all Resource Group equals all Location equals a

<input type="checkbox"/>	Name ↑	Type	Kind	Resource Group
<input type="checkbox"/>	fracttaltestbackups	Storage account	StorageV2	resource_group_t...
<input type="checkbox"/>	testbackupsfctl	Storage account	StorageV2	resource_group_t...

Step 3: Initial Account Setup

1. Select your **active subscription**.
2. Assign an **existing resource group** or create a new one.
3. Assign a **unique name** to your storage account.
4. Click **Next** to continue with the setup.

Create a storage account ...

Project details

Select the subscription in which to create the new storage account. Choose a new or existing resource group to organize and manage your storage account together with other resources.

Subscription *

Resource group *
[Create new](#)

Instance details

Storage account name * ⓘ

Region * ⓘ
[Deploy to an Azure Extended Zone](#)

Preferred storage type

i This helps us provide relevant guidance. It doesn't restrict your storage to this resource type. [Learn more](#)

Performance * ⓘ

Standard: Recommended for most scenarios (general-purpose v2 account)

Premium: Recommended for scenarios that require low latency.

Redundancy * ⓘ

Make read access to data available in the event of regional unavailability.

Geo priority replication guarantees Blob storage data is geo-replicated within 15 minutes.

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Step 4: Review Configuration

1. Review all the details of your account configuration.
2. If everything is correct, click **Create** to finalize the process.

Subscription	Azure subscription 1
Resource group	resource_group_test
Location	East US
Storage account name	databaseautobackupsftl
Preferred storage type	
Performance	Standard
Replication	Read-access geo-redundant storage (RA-GRS)

Advanced

Enable hierarchical namespace	Disabled
Enable SFTP	Disabled
Enable network file system v3	Disabled
Allow cross-tenant replication	Disabled
Access tier	Hot
Managed Identity for SMB	Disabled

Azure Files

Require Encryption in Transit for SMB	Enabled
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Step 5: Wait for Account Creation

1. Azure will create the storage account. This process may take a few seconds depending on the size.



- Delete
- Cancel
- Redeploy
- Download
- Refresh

Overview

Inputs

Outputs

Template

Deployment is in progress

Deployment name : databaseautobackupsftl_17774... Start time : 4/29/2026, 11:26:23 AM
Subscription : [Azure subscription 1](#) Correlation ID : 909dda04-6702-44ea-b9bb-830...
Resource group : [resource_group_test](#)

Deployment details

Resource	Type	Status	Operation
databaseautob...	Storage account	Accepted	Operation

On this screen, you can see the real-time progress of the creation.

Step 6: Creation Confirmation

1. Once the storage account is created, you will see a button that says **Go to the created resource**. Click it to access the account settings.

- Delete
- Cancel
- Redeploy
- Download
- Refresh

✔ Your deployment is complete

Deployment name : databaseautobackupsftl_17774... Start time : 4/29/2026, 11:26:25 AM
Subscription : [Azure subscription 1](#) Correlation ID : 909dda04-6702-44ea-b9bb-830...
Resource group : [resource_group_test](#)

> Deployment details

> Next steps

[Go to resource](#)

Step 7: Access Storage Containers

1. In the left side menu, select **Data Storage** and expand it.
2. Access the **Containers** option, where you will create the space to store your backups.

The screenshot shows the Azure portal interface. On the left, the 'Data storage' menu is expanded, with 'Containers' highlighted. The main content area displays the 'Essentials' section for a storage account, including details like Resource group (resource_group_test), Location (eastus), and Subscription ID (3bf9f8e1-ed85-4233-b801-0ad968a80db6). Below this, the 'Properties' section for 'Blob service' is visible, listing settings such as Hierarchical namespace (Disabled), Default access tier (Hot), and Blob anonymous access (Disabled).

Step 8: Create a Container

1. In the **Containers** section, click **Add Container**.
2. Enter a descriptive name for the container.
3. Click **Create**.

Search

+ Add container

Upload Refresh Delete Change access level Re:

- Overview
- Activity log
- Tags
- Diagnose and solve problems
- Access Control (IAM)
- Data migration
- Events
- Storage browser
- Storage Mover
- Partner solutions
- Resource visualizer
- Data storage

Search containers by prefix

Showing all 1 items

<input type="checkbox"/>	Name	Last modified
<input type="checkbox"/>	\$logs	29/4/2026, 11:26:45 a.m.

Step 9: Create a Directory

1. If you want to organize the backups inside the container, you can create a directory.
2. Click **Add Directory**, assign a name to the directory, for example **"bd-backups"**.
3. Click **Accept** to create the directory.

+ Add Directory | Upload | Change access level | Refresh | Delete | Copy | Paste | Rename | Acc

backupsftl

Authentication method: Access key (Switch to Microsoft Entra user account)

Add filter

Search blobs by prefix (case-sensitive)

Showing all 0 items

<input type="checkbox"/>	Name	Last modified	Access tier	Blob ty
No items found				

☐ Slogs 29/4/2026, 11:26:45 a.m. Private

The access level is set to private and disabled on this storage account.

Advanced

Create
Create container

Step 10: Obtain Access Keys

1. Go to the left side menu and select **Security and Networking**.
2. Expand the option and click **Access Keys**.

3. Copy the **storage account name** and the **access key (key1)**.

The screenshot shows the Azure portal navigation pane on the left with 'Access keys' highlighted. On the right, a table lists storage account items:

Showing all 2 items	
<input type="checkbox"/>	Name
<input type="checkbox"/>	\$logs
<input type="checkbox"/>	backupsftl

Access keys authenticate your applications' requests to this storage account. Keep your keys in a secure location like Azure Key Vault, and replace them often with new keys. The two keys allow you to replace one while still using the other.

Remember to update the keys with any Azure resources and apps that use this storage account.

[Learn more about managing storage account access keys](#)

The 'Storage account name' field contains the text 'databaseautobackupsftl' and has a 'Copy to clipboard' button next to it.

The 'key1' section includes a 'Rotate key' button, the text 'Last rotated: 29/4/2026 (0 days ago)', and a 'Key' field with a 'Show' button.

The 'key2' section includes a 'Rotate key' button, the text 'Last rotated: 29/4/2026 (0 days ago)', and a 'Key' field with a 'Show' button.

Step 11: Configure Backup in Fractal One

1. Return to **Fractal One**.
2. Go to **Settings > Account > Database Backup**.

Article: [Automatic database backup scheduling](#)

The screenshot shows the 'Database Backup' configuration section in Fractal One. It includes several input fields for user statistics and a section for backup settings. The 'Database backup' section is highlighted with a red box and contains a dropdown menu for 'Backup type' set to 'Manual', a 'Create database backup' button, and a 'Last backup: Never' indicator. A 'Destination repository' field is also visible to the right.

Storage capacity _____ Used Whatsapp messages _____ WhatsApp messages used (M

Users

Number of User accounts _____ Total accounts created _____
110 57

Request accounts _____ Number of read only accounts _____ Limited technician acc

0 0

Request acceptance of the personal data processing declaration.

Database backup
Generate automatic or manual backups of your data in Fractal One.

Backup type _____ Destination repository _____
Manual

Last backup: Never

Step 12: Save the Configuration

1. Once all fields are completed, make sure the option **"Enable for automatic backup"** is activated.
2. Click **Save** to finalize the configuration.

Step 13: Verification

1. Your database will now be backed up automatically according to the frequency you have set.
2. Make sure to keep your **access credentials secure** and regularly check that backups are being generated correctly.

Notes

- Automatic backups will be performed according to the selected frequency (daily, weekly, etc.).
- Periodically check that backups are being performed correctly and that there are no issues with connection or storage.