Azure SFTP Step-By-Step

Executive Summary

This document describes the steps required to create an Azure SFTP.

Application(s) Needed
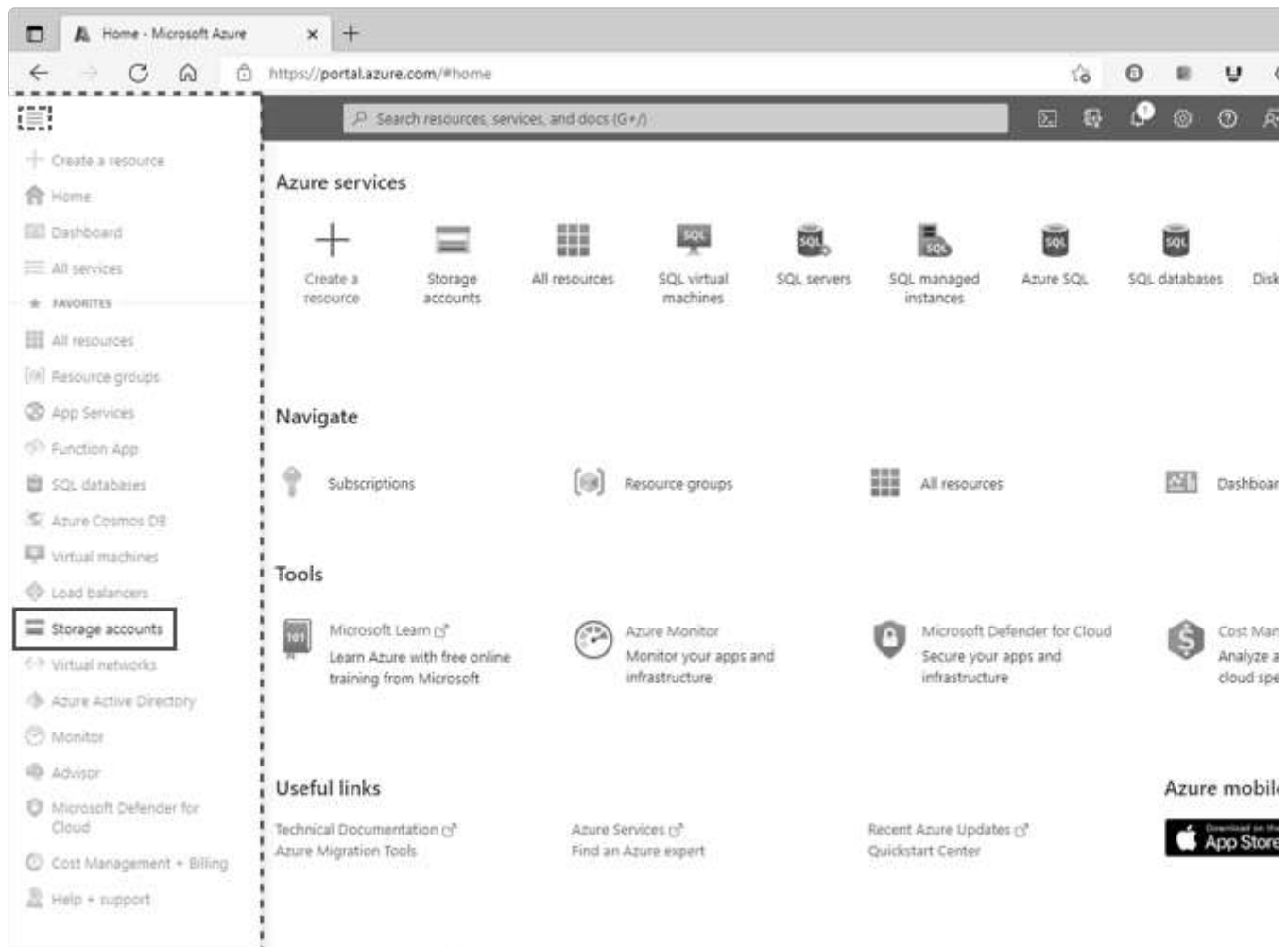
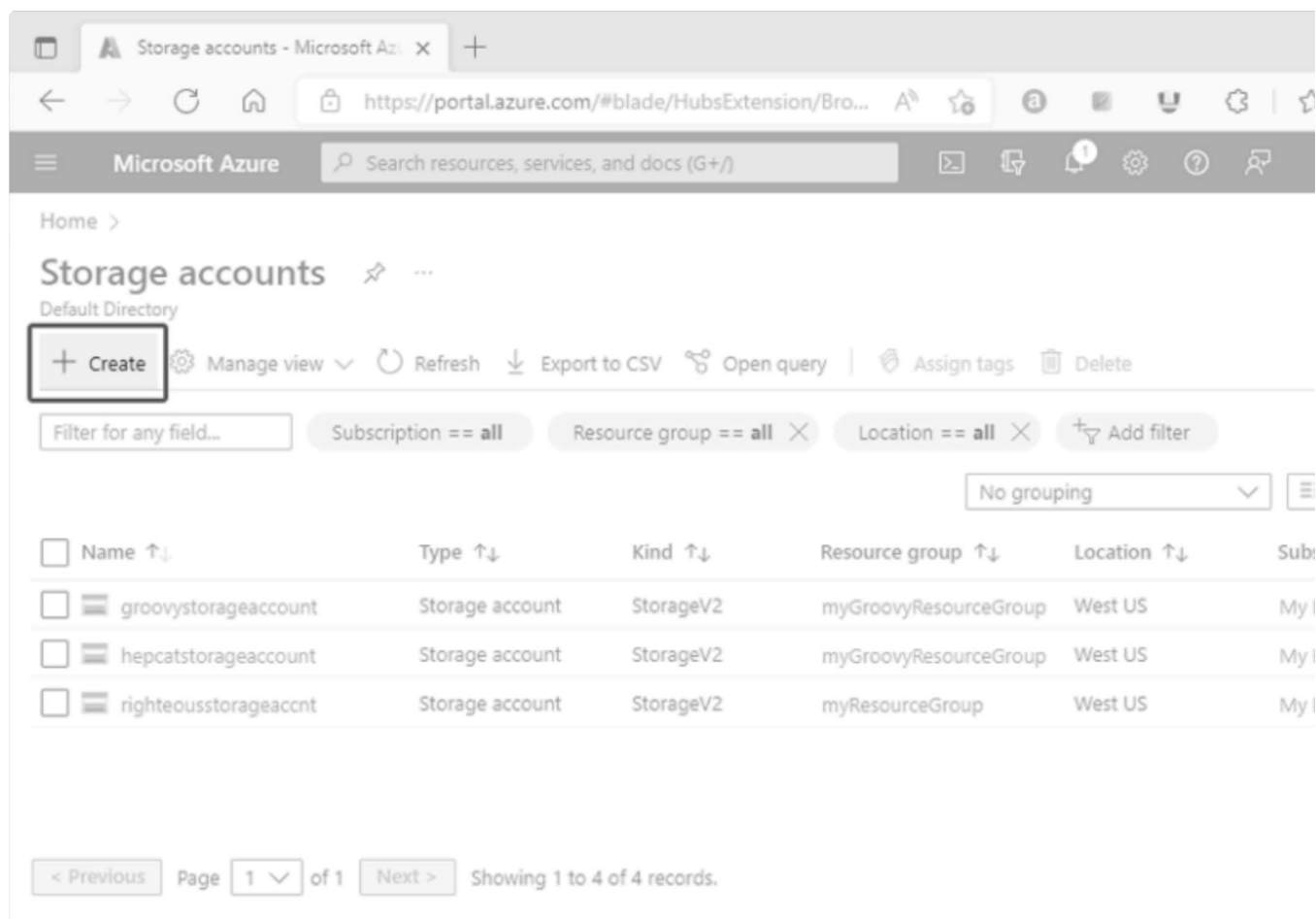| Application Name	Application Description
Azure Portal	Web-based console that allows users to manage their Microsoft Azure cloud resources

Step-By-Step Process

Azure

Step 1: Login to Azure Portal
Step 2: Navigate to **Storage accounts** via the left hand portal menu

Step 2 Screenshot

Step 3: Click **Create**

Step 3 Screenshot

Step 4: Fill out the fields with relevant storage account information on the **Basics** tab, as shown

- **Storage account name** should reflect purpose of storage account, and not match this picture exactly.

Step 4 Screenshot

Step 5: Fill out the fields with relevant storage account information on the **Advanced** tab, as shown

Create a storage account ...

| Basics | Advanced | Networking | Data protection | Encryption | Tags | Review + create |

Security

Configure security settings that impact your storage account.

Require secure transfer for REST API operations ⓘ ☑

Allow enabling anonymous access on individual containers ⓘ ☐

Enable storage account key access ⓘ ☑

Default to Microsoft Entra authorization in the Azure portal ⓘ ☐

Minimum TLS version ⓘ

> Version 1.2 ∨

Permitted scope for copy operations (preview) ⓘ

> From any storage account ∨

Hierarchical Namespace

Hierarchical namespace, complemented by Data Lake Storage Gen2 endpoint, enables file and directory semantics, accelerates big data analytics workloads, and enables access control lists (ACLs) Learn more ⤤

Enable hierarchical namespace ⓘ ☑

Access protocols

Blob and Data Lake Gen2 endpoints are provisioned by default Learn more ⤤

Enable SFTP ⓘ ☑

ⓘ Local users feature will be enabled with SFTP. Create local user identities to access the SFTP endpoint after storage account is created.

Step 5 Screenshot

NOTE: The fields on the remaining tabs aren't necessary to fill out; however, for more information on what can be done for storage account creation on those tabs, you can read through the Azure documentation

Step 6: Navigate to Review and Create Tab, and click **Create**

Step 7: Deployment will then initiate. Deployment of the storage account will "in progress" until you see the following screen:
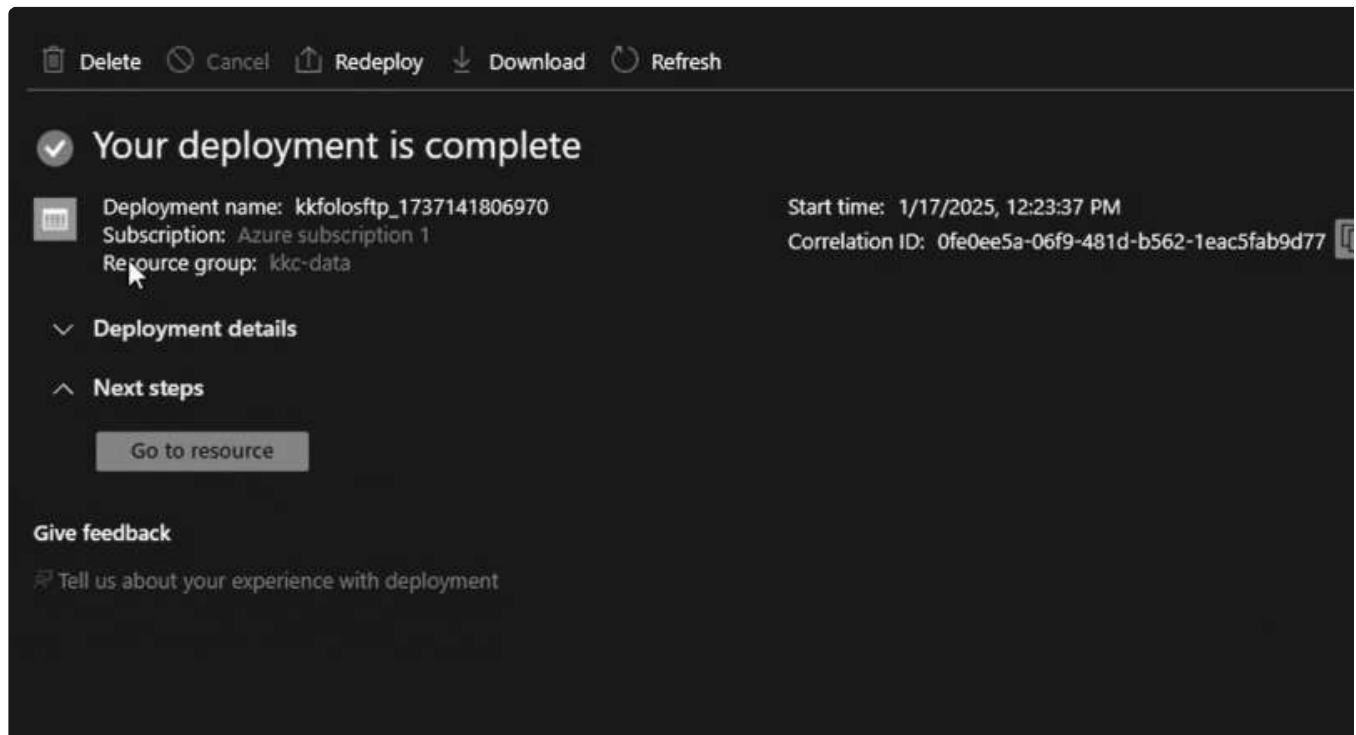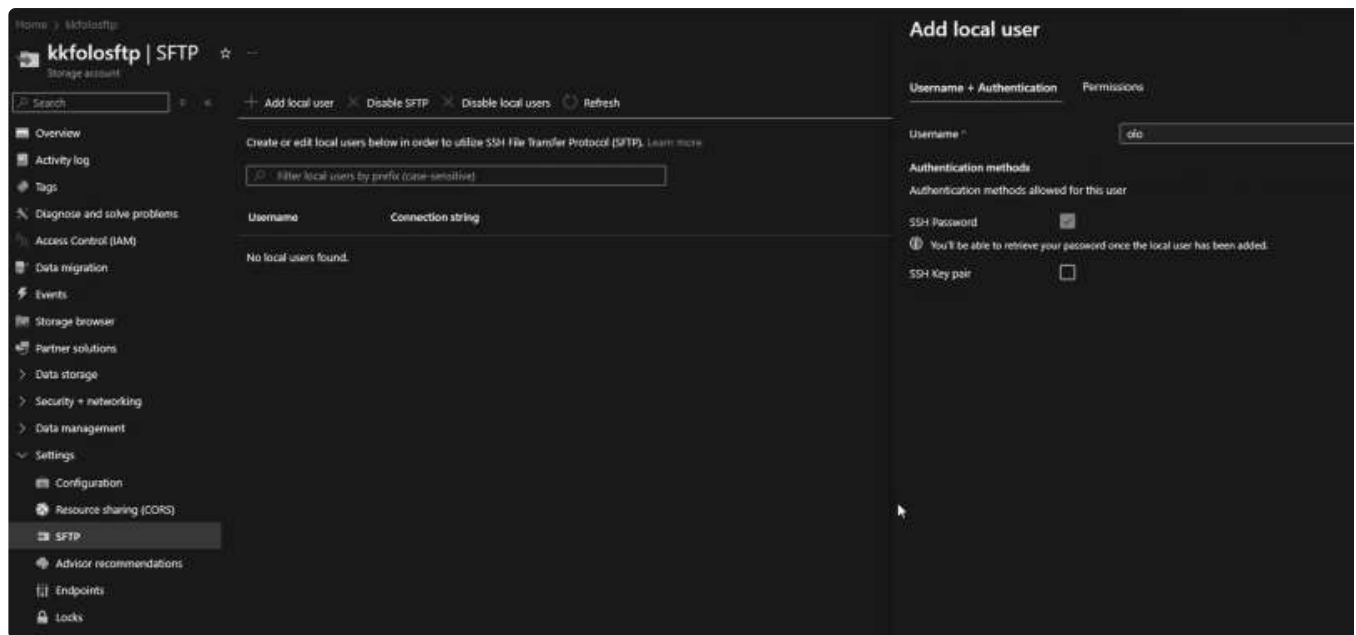

Step 7 Screenshot

Step 8: Click **Go to resource.**

Step 9: Once on the resource page, navigate to **Settings > SFTP** in the left hand portal menu.

Step 10: Click **Enable SFTP.**

Step 11: Click **+ Add a local user.**

Step 10 Screenshot

Step 12: Assign a Username and check the **SSH Password** checkbox.

Step 13: Click on the **Permissions** tab. On the **Containers** line, click **Create New.** Fill out necessary fields (avoid using spaces in naming conventions; dashes are recommended)

Step 11 Screenshot

Step 14: Be sure to save your **SSH Password**; it will generate once you add a local user. You won't be able to access it again in the future.

Step 15: Distribute the username and SSH password to relevant users so they may access the SFTP for file transfer.

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