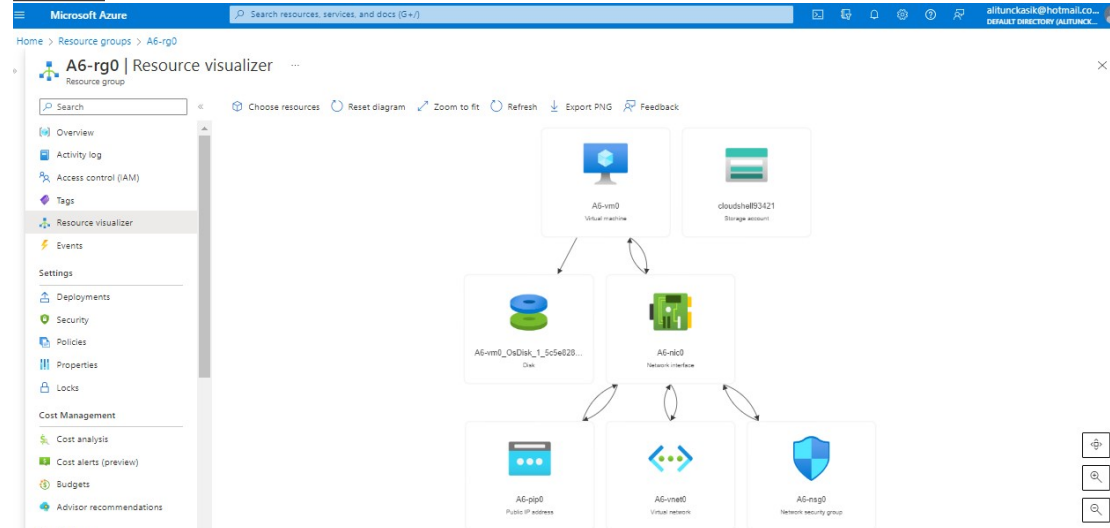


Managing Azure Storage

- Step 1: Provisioning the assignment environment
- Step 2: Creating and configuring Azure Storage accounts
- Step 3: Managing blob storage
- Step 4: Managing authentication and authorization for Azure Storage
- Step 5: Creating and configuring an Azure Files shares
- Step 6: Managing network access for Azure Storage

Step1 :

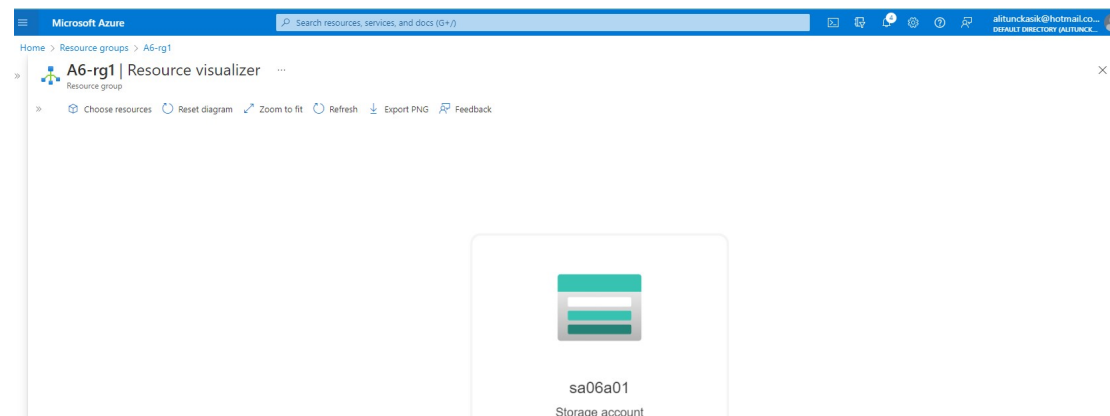


Step2

Configured the redundancy to LRS and changed access tier to cool.

The screenshot shows the 'sa06a01' Storage account's 'Redundancy' settings. The redundancy is set to 'Locally-redundant storage (LRS)'. The last failover time is shown as '-'. The storage endpoints are listed as 'East US', 'Primary', and 'Available'. A world map shows the location in East US.

Location	Data center type	Status
East US	Primary	Available

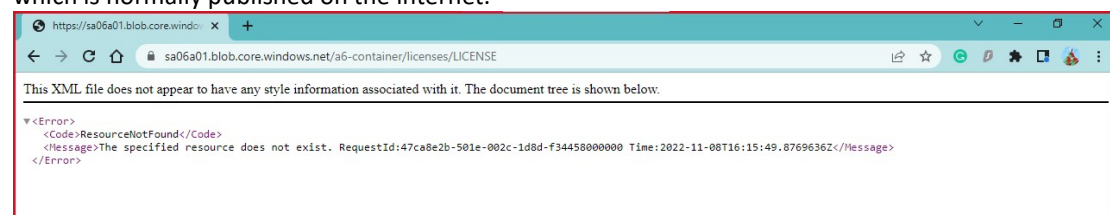


Step3: Managing blob storage

The screenshot shows the Microsoft Azure portal interface. On the left, the navigation pane is open, showing the 'a6-container' under 'Containers'. The main area displays the 'licenses/LICENSE' blob. The 'Overview' tab is selected, showing properties such as URL, LAST MODIFIED, CREATION TIME, VERSION ID, TYPE, SIZE, ACCESS TIER, ACCESS TIER LAST MODIFIED, ARCHIVE STATUS, REHYDRATE PRIORITY, SERVER ENCRYPTED, ETAG, VERSION-LEVEL IMMUTABILITY POLICY, CACHE-CONTROL, CONTENT-TYPE, CONTENT-MD5, CONTENT-ENCODING, and CONTENT-LANGUAGE.

Step4 - Configured routing in the hub and spoke topology

Before the authorisation and authentication of the blob storage, we cannot reach out the license which is normally published on the internet.



After generating SAS token, I could reach and download the license.

Step4 -Before assigning Blob owner role to the account:

The screenshot shows the Microsoft Azure portal interface. At the top, there is a toolbar with actions: Upload, Change access level, Refresh, Delete, Change tier, Acquire lease, Break lease, and View snap. Below the toolbar, a red error message is displayed: "You do not have permissions to list the data using your user account with Azure AD. Click to learn more about authenticating with Azure AD. This request is not authorized to perform this operation using this permission. RequestId:87f4e2ff-901e-001c-068f-f3fa97000000 Time:2022-11-08T16:28:58.0819058Z". Below the error message, the 'Authentication method' is set to 'Azure AD User Account (Switch to Access key)' and the 'Location' is 'a6-container'. A search bar is present with the text 'Search blobs by prefix (case-sensitive)'. Below the search bar, there is a filter button labeled 'Add filter'. The table below shows the following columns: Name, Modified, Access tier, and Archive status. The table is currently empty, displaying 'No blobs found.'

