

CSA1523- CLOUD COMPUTING AND BIG DATA ANALYTICS FOR HEALTHCARE INDUSTRIES

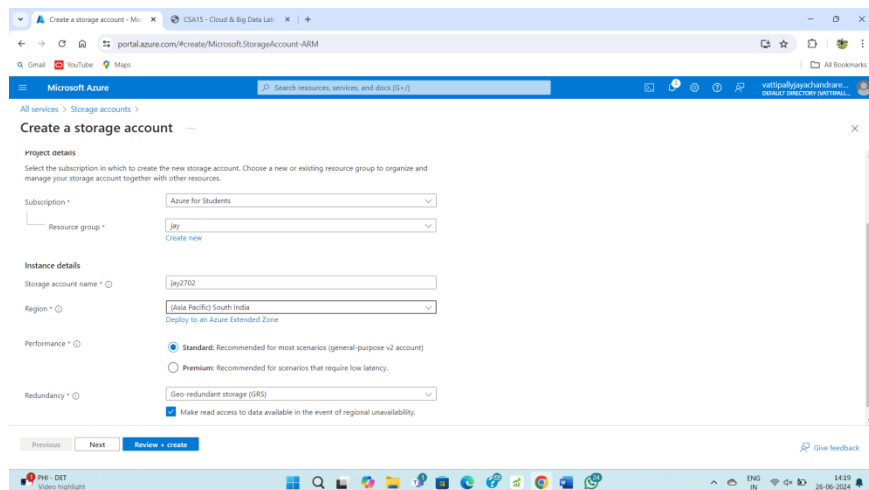
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17. CREATE A STORAGE SERVICE USING ANY PUBLIC CLOUD SERVICE PROVIDER AND ACCESSING FILE

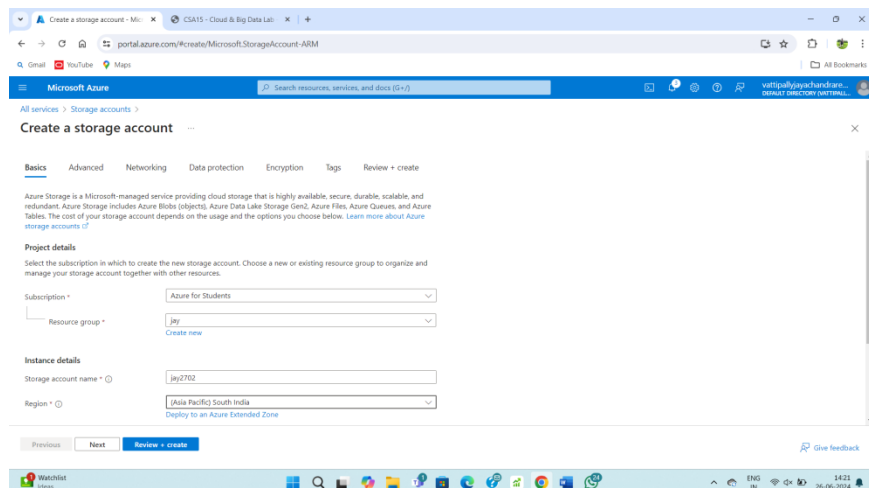
STEP – 1:

Create a storage account.



STEP – 2:

Fill upon the basics form.



STEP – 3:

Fill upon the advanced form.

The screenshot shows the 'Create a storage account' page in the Microsoft Azure portal, specifically the 'Security' tab. The page is titled 'Create a storage account' and has tabs for 'Basics', 'Advanced', 'Networking', 'Data protection', 'Encryption', 'Tags', and 'Review + create'. The 'Security' tab is active, showing options to configure security settings. Under 'Security', there are checkboxes for 'Require secure transfer for REST API operations' (checked), 'Allow enabling anonymous access on individual containers' (unchecked), and 'Enable storage account key access' (checked). There is also a dropdown for 'Default to Microsoft Entra authorization in the Azure portal' (unchecked). Under 'Minimum TLS version', a dropdown is set to 'Version 1.2'. Under 'Permitted scope for copy operations (preview)', a dropdown is set to 'From any storage account'. Below this, there is a section for 'Hierarchical Namespace' with a description and a 'Learn more' link. At the bottom, there are 'Previous', 'Next', and 'Review + create' buttons, along with a 'Give feedback' link.

STEP – 4:

Fill upon the networking form.

The screenshot shows the 'Create a storage account' page in the Microsoft Azure portal, specifically the 'Networking' tab. The page is titled 'Create a storage account' and has tabs for 'Basics', 'Advanced', 'Networking', 'Data protection', 'Encryption', 'Tags', and 'Review + create'. The 'Networking' tab is active, showing options to configure network settings. Under 'Network connectivity', there is a description and a 'Network access' section with radio buttons for 'Enable public access from all networks' (selected), 'Enable public access from selected virtual networks and IP addresses', and 'Disable public access and use private access'. There is also a link to 'Learn more'. Below this, there is a section for 'Network routing' with a description and a 'Routing preference' section with a radio button for 'Microsoft network routing'. At the bottom, there are 'Previous', 'Next', and 'Review + create' buttons, along with a 'Give feedback' link.

STEP – 5:

Fill upon the data protection.

The screenshot shows the 'Create a storage account' page in the Microsoft Azure portal, specifically the 'Data protection' tab. The page is titled 'Create a storage account' and has tabs for 'Basics', 'Advanced', 'Networking', 'Data protection', 'Encryption', 'Tags', and 'Review + create'. The 'Data protection' tab is active, showing options to configure data protection settings. Under 'Recovery', there is a description and three checkboxes: 'Enable point-in-time restore for containers' (unchecked), 'Enable soft delete for blobs' (checked), and 'Enable soft delete for containers' (checked). There are also input fields for 'Days to retain deleted blobs' (set to 7) and 'Days to retain deleted containers' (set to 7). At the bottom, there are 'Previous', 'Next', and 'Review + create' buttons, along with a 'Give feedback' link.

STEP – 6:

Fill upon the encryption form.

The screenshot shows the 'Create a storage account' wizard in the Microsoft Azure portal, specifically the 'Encryption' tab. The page has a blue header with the Microsoft Azure logo and a search bar. Below the header, the breadcrumb trail is 'All services > Storage accounts > Create a storage account'. The 'Encryption' tab is selected, showing options for 'Encryption type' (Microsoft-managed keys (MMK) is selected), 'Enable support for customer-managed keys' (Blobs and files only is selected), and 'Enable infrastructure encryption' (unchecked). At the bottom, there are 'Previous', 'Next', and 'Review + create' buttons. The Windows taskbar at the bottom shows the date as 26-09-2024 and the time as 14:27.

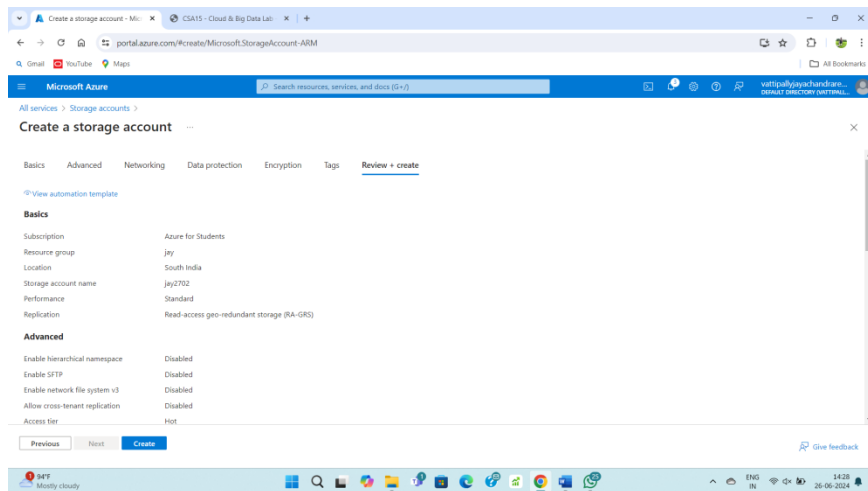
STEP – 7:

Fill upon tags form.

The screenshot shows the 'Create a storage account' wizard in the Microsoft Azure portal, specifically the 'Tags' tab. The page has a blue header with the Microsoft Azure logo and a search bar. Below the header, the breadcrumb trail is 'All services > Storage accounts > Create a storage account'. The 'Tags' tab is selected, showing a table with columns 'Name', 'Value', and 'Resource'. The table is currently empty. At the bottom, there are 'Previous', 'Next', and 'Review + create' buttons. The Windows taskbar at the bottom shows the date as 26-09-2024 and the time as 14:28.

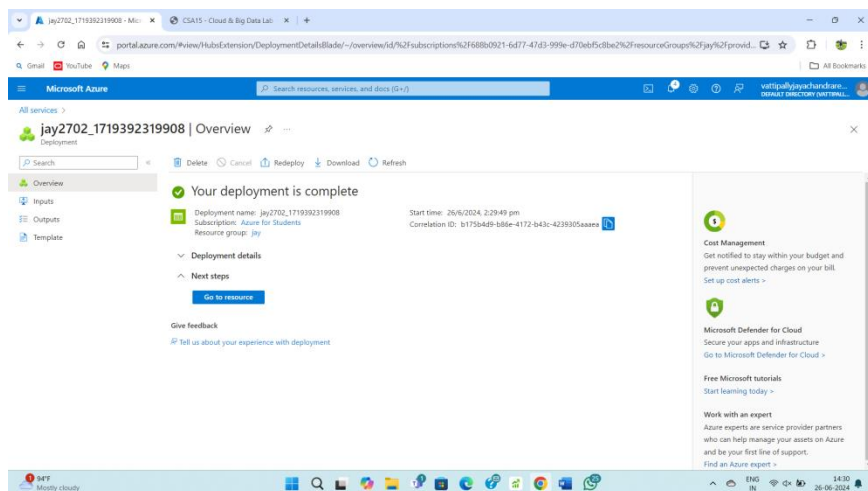
STEP – 8:

Review and create the storage account.



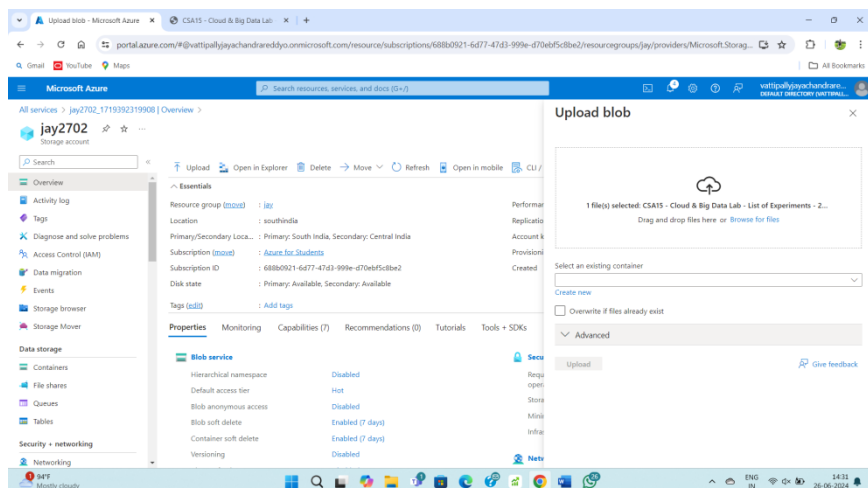
STEP – 9:

After deployment your resource is ready.



STEP – 10:

Upload a file into the storage account.



STEP – 11:

Your file is ready to use via cloud.

