9 Managing Azure Storage



**Step 1:** Creating an Azure Storage account

* An Azure account has been enabled in your practice lab. Refer DotNet Lab guide: Phase 4 to learn how to use the practice lab.
* Login to the Azure Portal with the Azure/Microsoft credentials provided in the lab.
* From the portal dashboard, click **More Services.**
* In the next, page click **Storage Accounts.**
* On the Storage Accounts page, click **Add** at the top.
* For **Resource Group,** either select an existing one or click **Create New.**
* For **Storage Account Name,** choose a globally unique name.
* Make sure that the storage account is in East US or West US.
* For the Replication field, select Locally Redundant Storage.
* Click **Next:Networking.**
* Click **Next:Advanced.**
* Click **Next:Tags.**
* Click **Next:Review+Create.**
* Click **Create** after it has passed the validation tests.
* Wait till the deployment is complete.
* Click on **Go to Resource** to view the storage.

**Step 2:** Using Azure Backup Service

* From the portal page, click **Virtual Machines.**
* Click on a VM entry from the list of VMs.
* From the left bar look for **Backup** and click on it.
* In the next screen, select **Create New** for **Recovery Services vault.**
* Click on **Enable Backup.**
* After validation, the backup service will be enabled for this VM.

**Step 3:** Transfering data using Import/Export service

* From the portal page search for Import/Export and click on **Import/Export Jobs.**
* In the Import/Export jobs listing page, click **Create import/export job.**
* In the Create screen, set **Type** as Export from Azure.
* For **Name,** enter a globally unique nameusing only lowercase alphabets, numbers or a hyphen.
* For **Resource Group,** select an existing one or click **Create New.**
* Click **Ok.**
* In the next screen for **Data Source,** click on Storage Account and select a storage account from the displayed list.
* For **Blobs to Export** select All.
* Click **Ok.**
* For **Return Shipping Info,** choose a Carrier and enter the contact fields as required.
* In the next screen for **Summary,** provide the relevant Azure Data Centre address details for return shipping.
* Click **Ok.**
* After the drives containing the data have been physically shipped, return to the Import/Export jobs list and click on the job item.
* Click **Update Job Status and tracking info once drives are shipped.**
* Check **Mark as shipped.**
* Enter correct values for **Carrier** and **Tracking number.**
* Click **Ok.**
* The job can be tracked from the portal by going into **View the Job Status** option for the job.
* Once a job shows as completed, verify that the data has been uploaded to Azure.