

# **Azure Storage Monitoring Alert (Portal)**

## **(LAB-103-06-04)**

### **Part A: Create Azure Storage Account**

1. In the Azure portal, navigate to the **"Create a Resource"**
2. Search for **Storage account**
3. Select **Create**, it will open new window, provide following settings:
  - a. Subscription: Select default subscription
  - b. Resource group: Create new resource group **RG-LAB-103-06-04**
  - c. Storage account name: Any valid, unique name
  - d. Location: Select **"East US"**
  - e. Performance: **Standard**
  - f. Account kind: **Storage (general purpose v2)**
  - g. Access tier: **Hot**
  - h. Replication: Read-Access-Geo-redundant storage (RA-GRS)
  - i. Go to **"Next: Advanced"**
4. Under advanced details, provide the below details:
  - a. Secure transfer required: **Disabled**
  - b. Allow access from: **All networks**
  - c. Hierarchical namespace: **Disabled**
  - d. Go to **"Next: Tags"**
5. Go to **"Next: Review+Create"**
6. Select **"Create"**

### **Part B: Create Azure Storage Monitoring Alert**

1. Go to the left side & select Storage account
2. Select the Storage account from the list, which you created in previous step
3. Click **"Alert"** under monitoring blade
4. Select **"New Rule Alert"**
5. Click on **"Add Condition"**, under conditions

6. You will see a list of signals supported for the resource, select the "**Used Capacity**" metric you want to create an alert on. It will open new window
7. Provide **Threshold value** under Alert Logic in bytes (like 1024)
8. Press done
9. Click on "**Select existing**" under action group. Select the **mydemogroup** action group created in previous lab
10. Under alert details, provide the following details:
  - a. Alert rule name: Provide alert rule name
  - b. Description: Provide description of alert

12. Click on "**Create new alert**"

13. You will receive email/ sms about "you've been added to an Azure Monitor action group"

### **Part C: Create a Container & Upload Blob**

1. Go to **Overview** blade & select **Blobs**
2. Select the **+ Container** button.
3. Type a name for your new container: Provide "**mydemocontainer**"
4. Set the level of public access to the container. The default level is **Private (no anonymous access)**.
5. Select **OK** to create the container.
6. Select the **mydemocontainer** container
7. Select the **Upload** button to upload a blob to the container
8. Browse your local file system to find a file to upload as a block blob, and select **Upload** (file should be more than 1024 bytes)

### **Part D: Monitor Alert**

1. Click "**Alert**" under monitoring
2. Select "**Manage Alert Rules**"
3. You will see the alert created under Part B.

4. Wait for 1 hrs. you will see the triggered alert in your main console of alerts
5. You will receive email/ sms for your azure monitor alert rule

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