### Step 1: Navigate to the Resource (Subscription or Resource Group)

- 1. **Login to Azure Portal**: Go to the <u>Azure Portal</u>.
- 2. Select the **Subscription** or **Resource Group** where the virtual machines are located.
- 3. In the left-hand menu, click on Access control (IAM).

#### **Step 2: Create a Custom Role**

- 1. In the Access control (IAM) blade:
  - o Click + Add and choose Add custom role from the dropdown.

#### 2. Basics:

- o Name: Enter a name, "view access".
- Description: Write a short description (e.g., "Role that allows viewing, starting, and stopping VMs only").
- Role Type: Select Custom role.
- Click **Next** to proceed.

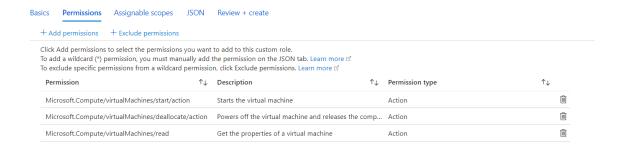
### **Step 3: Add Permissions**

- 1. In the **Permissions** tab:
  - Click + Add permissions.
  - o A search bar will appear for adding permissions to the role.

#### 2. Search for Permissions:

- Provider: Search for Microsoft.Compute and add the following permissions:
  - Microsoft.Compute/virtualMachines/read (for viewing VMs).
  - Microsoft.Compute/virtualMachines/start/action (for starting VMs).
  - Microsoft.Compute/virtualMachines/deallocate/action (for stopping VMs).
- 3. After adding the required permissions, click **Next**.

#### Create a custom role



# **Step 4: Assignable Scopes**

- 1. In the **Assignable scopes** tab:
  - Click + Add assignable scope.
  - Click Next.

## Step 5: Review and Create the Custom Role

- 1. Review the details you've configured for the custom role.
- 2. If everything looks correct, click **Create**.

