

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

1. **Login to Azure Portal:** Go to the [Azure Portal](#).
  2. Select the **Subscription** or **Resource Group** where the virtual machines are located.
  3. In the left-hand menu, click on **Access control (IAM)**.
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## Step 2: Create a Custom Role

1. In the **Access control (IAM)** blade:
    - Click **+ Add** and choose **Add custom role** from the dropdown.
  2. **Basics:**
    - **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.
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## Step 3: Add Permissions

1. In the **Permissions** tab:
  - Click **+ Add permissions**.
  - 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 ...

Basics **Permissions** Assignable scopes JSON Review + create

[+ Add permissions](#) [+ Exclude permissions](#)

Click Add permissions to select the permissions you want to add to this custom role.  
To add a wildcard (\*) permission, you must manually add the permission on the JSON tab. [Learn more](#)

To exclude specific permissions from a wildcard permission, click Exclude permissions. [Learn more](#)

Permission	↑↓	Description	↑↓	Permission type	↑↓
Microsoft.Compute/virtualMachines/start/action		Starts the virtual machine		Action	
Microsoft.Compute/virtualMachines/deallocate/action		Powers off the virtual machine and releases the comp...		Action	
Microsoft.Compute/virtualMachines/read		Get the properties of a virtual machine		Action	

## 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**.

Home > Subscriptions > Free Trial

Free Trial | Access control (IAM)

Search

+ Add

Overview

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

Security

Events

Cost Management

Billing

Invoices

External services

Payment methods

Partner information

view access

CustomRole

Permissions JSON Assignments

Description

Search permissions

Type: All

Permission Type

Actions DataActions

Showing 3 of 3 permissions

Type	Permissions	Description
Microsoft.Compute		
Read	Get Virtual Machine	Get the properties of a virtual machine
Other	Start Virtual Machine	Starts the virtual machine
Other	Deallocate Virtual Machine	Powers off the virtual machine and releases the compute resources

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