

14 - Manage access with RBAC (5 min)

In this walkthrough, we will assign permission roles to resources and view logs.

Task 1: View and assign roles

In this task, we will assign the Virtual machine contributor role.

1. Sign in to the [Azure portal](#).
2. From the **All services** blade, search for and select **Resource groups**, then click **+Add +New +Create**.
3. Create a new resource group. Click **Create** when you are finished.

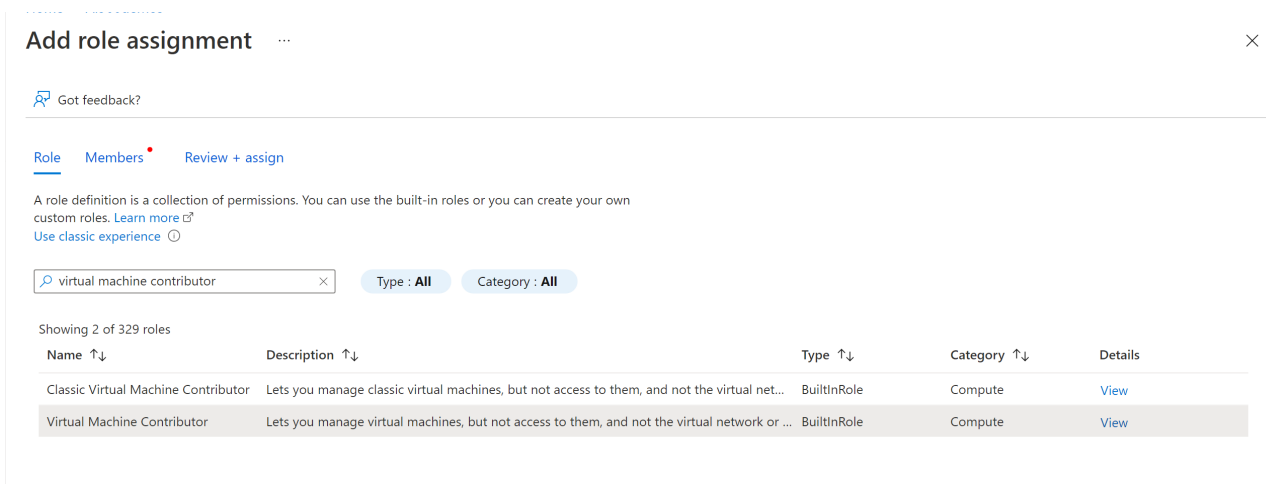
Setting	Value
Subscription	Use default provided
Resource group	myRGRBAC
Region	(US) East US

4. Create **Review + create** and then click **Create**.
5. **Refresh** the resource group page and click the entry representing the newly created resource group.
6. Click on the **Access control (IAM)** blade, and then switch to the **Roles** tab. Scroll through the large number of roles definitions that are available. Use the Informational icons to get an idea of each role's permissions. Notice there is also information on the number of users and groups that are assigned to each role.
- 7.

The screenshot displays the Azure portal interface for the 'myRGRBAC | Access control (IAM)' blade. The left sidebar shows the navigation menu with 'Access control (IAM)' selected. The main content area has a top bar with a search box and action buttons: '+ Add', 'Download role assignments', 'Edit columns', 'Refresh', 'Remove', and 'Got feedback?'. Below this, there are tabs for 'Check access', 'Role assignments' (highlighted with a red box), 'Roles' (highlighted with a red box), 'Deny assignments', and 'Classic administrators'. The 'Check access' section includes 'My access' (with a 'View my access' button) and 'Check access' (with a 'Learn more' link). The 'Grant access to this resource' section features an 'Add role assignment' button and a 'Learn more' link.

7. Switch to the **Role assignments** tab of the **myRGRBAC - Access control (IAM)** blade, click **+ Add** and then click **Add role assignment**. Search for the Virtual Machine Contributor role and select. Switch to the "Members" tab and Assign access to: User, group, or service principal. Then click **+ Select members** and type in your name to the popup search function and hit 'select.' Then hit 'Review and Assign'

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Add role assignment

Got feedback?

Role Members Review + assign

A role definition is a collection of permissions. You can use the built-in roles or you can create your own custom roles. [Learn more](#)
Use classic experience

virtual machine contributor Type: All Category: All

Showing 2 of 329 roles

Name	Description	Type	Category	Details
Classic Virtual Machine Contributor	Lets you manage classic virtual machines, but not access to them, and not the virtual net...	BuiltInRole	Compute	View
Virtual Machine Contributor	Lets you manage virtual machines, but not access to them, and not the virtual network or ...	BuiltInRole	Compute	View

Note: The Virtual machine contributor role lets you manage virtual machines, but not access their operating system or manage the virtual network and storage account they are connected to.

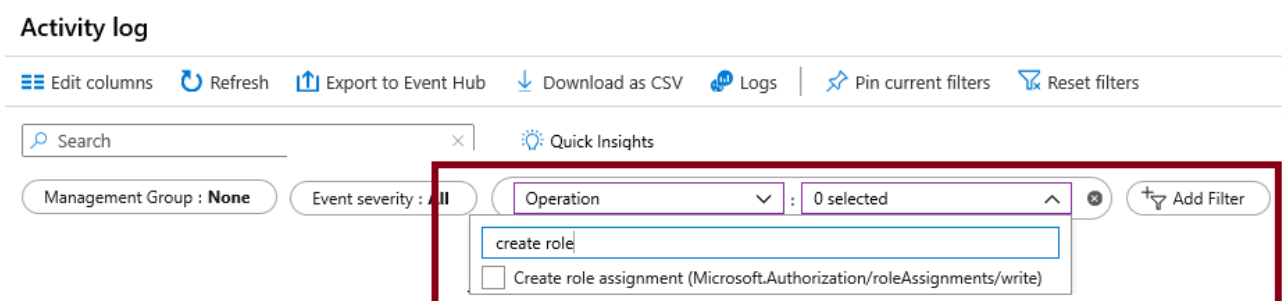
8. **Refresh** the Role assignments page and ensure you are now listed as a Virtual machine contributor.

Note: This assignment does not actually grant you any additional privileges, since your account has already the Owner role, which includes all privileges associated with the Contributor role.

Task 2: Monitor role assignments and remove a role

In this task, we will view the activity log to verify the role assignment, and then remove the role.

1. On the myRGRBAC resource group blade, click **Activity log**.
2. Click **Add filter**, select **Operation**, and then **Create role assignment**.



Activity log

Edit columns Refresh Export to Event Hub Download as CSV Logs Pin current filters Reset filters

Search Quick Insights

Management Group : None Event severity : All Operation : 0 selected Add Filter

create role

☐ Create role assignment (Microsoft.Authorization/roleAssignments/write)

3. Verify the Activity log shows your role assignment.

Note: Can you figure out how to remove your role assignment?

Congratulations! You created a resource group, assigned an access role to it and viewed activity logs.

Note: To avoid additional costs, you can optionally remove this resource group. Search for resource groups, click your resource group, and then click **Delete resource group**. Verify the name of the resource group and then click **Delete**. Monitor the **Notifications** to see how the delete is proceeding.