

Introduction To Cloud Computing

LAB 07

Name: Misha Sohail

ID: 2280149

BS-SE 7B

Task 1: Create a virtual machine

Microsoft Azure

Search resources, services, and docs (G+/I)

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bsse2280149@szabist.pk
DEFAULT DIRECTORY (BSSE22801...

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Create a resource group

Basics

Tags

Review + create

Resource group - A container that holds related resources for an Azure solution. The resource group can include all the resources for the solution, or only those resources that you want to manage as a group. You decide how you want to allocate resources to resource groups based on what makes the most sense for your organization. [Learn more](#)

Subscription *

Azure for Students

Resource group name *

myRGRBAC

Region *

(Asia Pacific) Central India

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Microsoft Azure

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myRGRBAC | Access control (IAM)

Search

+ Add

Download role assignments

Edit columns

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Overview

Activity log

Access control (IAM)

Tags

Resource visualizer

Events

Settings

Cost Management

Monitoring

Automation

Help

Check access

Role assignments

Roles

Deny assignments

Classic administrators

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](#)

All

Job function roles

Privileged administrator roles

Search by role name, description, permission, or ID

Type: All

Category: All

Name	Description	Type	Category	Details
Owner	Grants full access to manage all resources, includin...	BuiltInRole	General	View
Contributor	Grants full access to manage all resources, but doe...	BuiltInRole	General	View
Reader	View all resources, but does not allow you to make ...	BuiltInRole	General	View
Access Review Operat...	Lets you grant Access Review System app permisso...	BuiltInRole	None	View
AcrDelete	acr delete	BuiltInRole	Containers	View

Home > Resource Manager | Resource groups > myRGRBAC

myRGRBAC | Access control (IAM)

Resource group

Search

+ Add

Download role assignments

Edit columns

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Overview

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Add or remove functions for resources (Ctrl + Shift + F)

Check access

Role assignments

Roles

Deny assignments

Classic administrators

Number of role assignments for this subscription

2

4000

Privileged

2

View assignments

Search by name or email

Type: All

Role: All




Scope: All scopes

Group by: Role

All (2)

Job function roles (0)

Privileged administrator roles (2)

<input type="checkbox"/>	Name ↑↓	Type ↑↓	Role ↑↓	Scope ↑↓	Condition ↑↓
▼	Owner (2)				
<input type="checkbox"/>	 Misha Sohail f8e806d7-7e56-4a5...	User	Owner	 Subscription (Inherited)	None
<input type="checkbox"/>	 Misha Sohail				

Add role assignment

virtual machine contribut

Type: All

Category: All

Name ↑↓	Description ↑↓	Type ↑↓	Category ↑↓	Details
Classic Virtual Machine Contributor	Lets you manage classic virtual machines, but not access to them, and not the virtual netwo...	BuiltInRole	Compute	View
Desktop Virtualization Power On C...	Provide permission to the Azure Virtual Desktop Resource Provider to start virtual machines.	BuiltInRole	None	View
Desktop Virtualization Power On Of...	Provide permission to the Azure Virtual Desktop Resource Provider to start and stop virtual ...	BuiltInRole	None	View
Desktop Virtualization Virtual Mach...	This role is in preview and subject to change. Provide permission to the Azure Virtual Desk...	BuiltInRole	None	View
Service Fabric Cluster Contributor	Manage your Service Fabric Cluster resources. Includes clusters, application types, applicati...	BuiltInRole	None	View
Virtual Machine Contributor	Lets you manage virtual machines, but not access to them, and not the virtual network or st...	BuiltInRole	Compute	View

Showing 1 - 6 of 6 results.

Review + assign

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Home > myRGRBAC | Access control (IAM) >

Add role assignment

Selected role

Virtual Machine Contributor

Assign access to

☒ User, group, or service principal

☐ Managed identity

Members

+ Select members

Name	Object ID	Type
Misha Sohail(Guest)	f8e806d7-7e56-4a5c-b2f6-9701b7efb811	User

Description

Optional

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Task 2: Monitor role assignments and remove a role:

The screenshot shows the Microsoft Azure portal interface. The top navigation bar includes the Microsoft Azure logo, a search bar, and user information. The left sidebar shows the navigation menu with 'Activity log' selected. The main content area displays the 'myRGRBAC | Activity log' page. A search bar is at the top, followed by filters for Management Group (None), Subscription (Azure for Students), Event severity (All), and Timespan (Last 6 hours). Below these are filters for Resource group (myRGRBAC), Resource (All resources), and Resource type (None). An 'Oper...' filter is set to 'Create role assignment (Microsoft.Authorization/role...)'. A table shows one item: 'Create role assignment' with status 'Succeeded', time '6 minutes a...', timestamp 'Fri Nov 07 2...', subscription 'Azure for Students', and event initiated by 'bsse2280149@szabist.pk'.

The screenshot shows the Microsoft Azure portal interface. The top navigation bar includes the Microsoft Azure logo, a search bar, and user information. The left sidebar shows the navigation menu with 'Access control (IAM)' selected. The main content area displays the 'myRGRBAC | Access control (IAM)' page. A search bar is at the top, followed by filters for Type (All), Role (All), Scope (All scopes), and Group by (Role). Below these are tabs for 'All (3)', 'Job function roles (1)', and 'Privileged administrator roles (2)'. A table shows role assignments for 'Owner (2)' and 'Virtual Machine Contributor (1)'. The 'Virtual Machine Contributor' role is selected, showing a table with columns: Name, Type, Role, Scope, and Condition. The table shows one entry: 'Misha Sohail' with role 'Virtual Machine Contributor' and scope 'This resource'. A message at the bottom says 'Showing 1 - 3 of 3 results.'

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

The screenshot shows a confirmation message in the Microsoft Azure portal. The message says 'Removed Role assignment(s). Misha Sohail was removed as Virtual Machine Contributor for /subscriptions/504b0a3b-5612-41db-b87d-61c0d67009e3/resourcegroups/myRGRBAC.' Below the message is a button labeled 'Download deleted role assignments'. The background shows the 'Access control (IAM)' page with filters for Type (All), Scope (All scopes), and Group by (Role).

Successfully removed the role assignment!