

Introduction To Cloud Computing

LAB 07

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BS-SE 7B

Task 1: Create a virtual machine

The screenshot shows the 'Create a resource group' wizard in the Microsoft Azure portal. The 'Basics' tab is selected. The subscription is set to 'Azure for Students'. The resource group name is 'myRGRBAC'. The region is '(Asia Pacific) Central India'. At the bottom, there are 'Previous', 'Next', and 'Review + create' buttons.

The screenshot shows the 'Access control (IAM)' page for the 'myRGRBAC' resource group. The 'Roles' tab is selected. It lists built-in roles: Owner, Contributor, Reader, and Access Review Operator. There is also a custom role named 'AcrDelete'. The table includes columns for Name, Description, Type, Category, and Details.

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 permission...	BuiltInRole	None	View ...
AcrDelete	acr delete	BuiltInRole	Containers	View ...

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myRGRBAC | Access control (IAM)

Resource group

Search Add Download role assignments Edit columns Refresh Delete Feedback

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

Number of role assignments for this subscription (2) 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)

Name ↑ Type ↑ Role ↑ Scope ↑ Condition ↑

Owner (2)

	Name	Type	Role	Scope	Condition
<input type="checkbox"/>	Misha Sohail fbe806d7-7e56-4a5c-b2f6-9701b7efb811	User	Owner	Subscription (Inherited)	None
<input type="checkbox"/>	Misha Sohail				

Add or remove favorites Ctrl + Shift + F

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Add role assignment

virtual machine contributor 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 network.	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 Deskt...	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 Previous Next Feedback

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Add role assignment

Virtual Machine Contributor Selected role

User, group, or service principal Assign access to

Managed identity

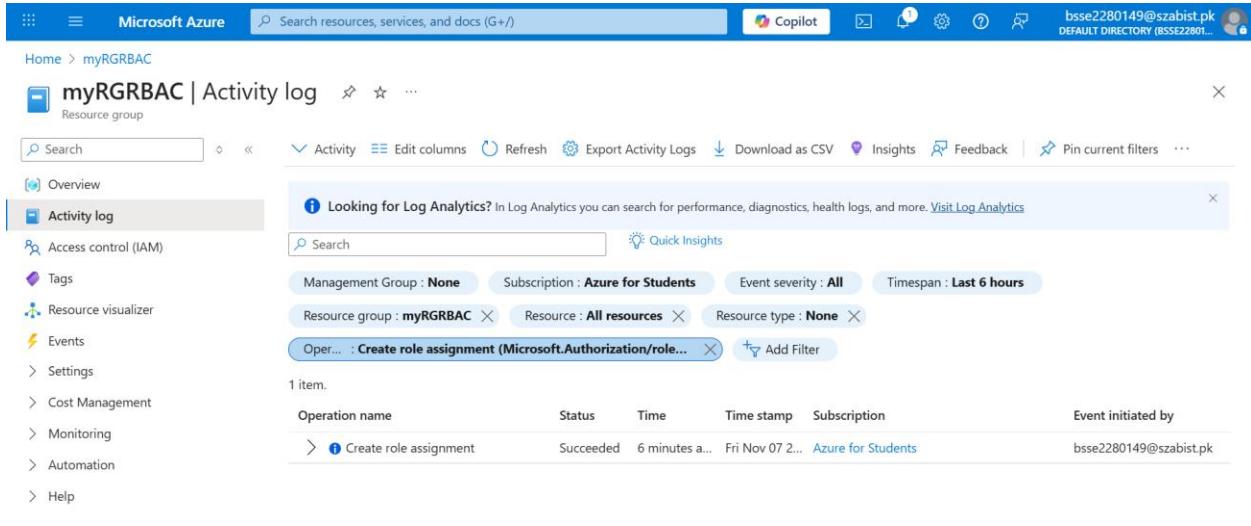
+ Select members Members

Name	Object ID	Type
Misha Sohail(Guest)	fbe806d7-7e56-4a5c-b2f6-9701b7efb811	User

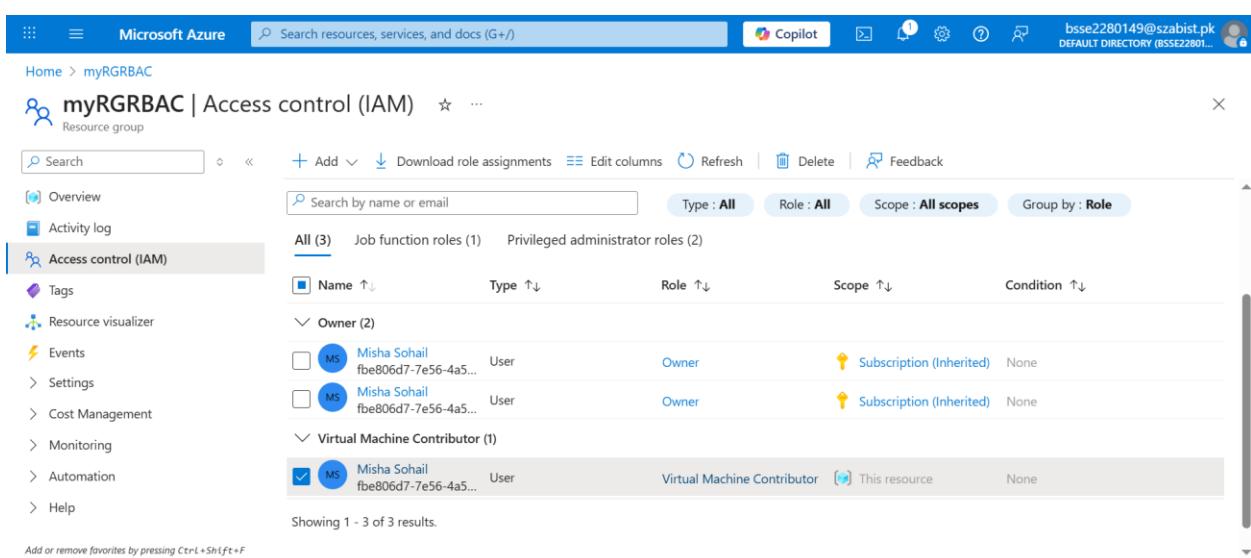
Optional Description

Review + assign Previous Next Feedback

Task 2: Monitor role assignments and remove a role:

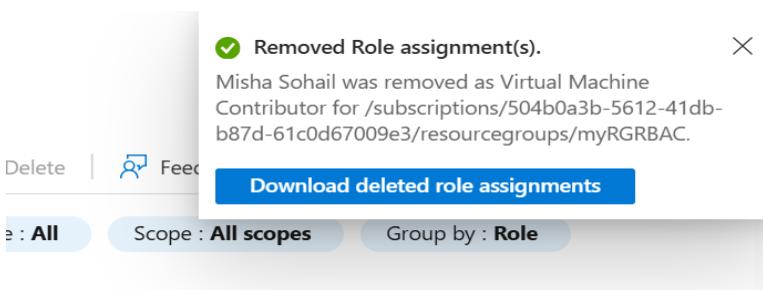


The screenshot shows the Microsoft Azure Activity log for the resource group 'myRGRBAC'. A single item is listed: 'Create role assignment (Microsoft.Authorization/roleAssignment)'. The operation succeeded 6 minutes ago on Fri Nov 07 2023 for the subscription 'Azure for Students' initiated by 'bsse2280149@szabist.pk'. The filter bar at the top shows 'Subscription: Azure for Students', 'Event severity: All', and 'Timespan: Last 6 hours'.



The screenshot shows the Microsoft Azure Access control (IAM) page. It lists three roles: 'Job function roles' (1), 'Privileged administrator roles' (2), and 'Virtual Machine Contributor' (1). The 'Virtual Machine Contributor' role is selected, showing it was assigned to 'Misha Sohail' (User) with the scope 'This resource'. The filter bar at the top shows 'Type: All', 'Role: All', 'Scope: All scopes', and 'Group by: Role'.

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



A confirmation dialog box is displayed, stating 'Removed Role assignment(s.)' and 'Misha Sohail was removed as Virtual Machine Contributor for /subscriptions/504b0a3b-5612-41db-b87d-61c0d67009e3/resourcegroups/myRGRBAC.' Below the dialog are buttons for 'Delete', 'Feedback', and 'Download deleted role assignments'. At the bottom of the page are filters for 'Scope: All scopes' and 'Group by: Role'.

Successfully removed the role assignment!