

## INTRODUCTION TO CLOUD COMPUTING

### Lab Task 07 (Manage Access with RBAC)

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Section: SE 7-B

#### Task 1: View and assign roles

The screenshot shows the Microsoft Azure Resource Group Overview page for a resource group named "myRGRBAC". The left sidebar contains navigation links for Overview, Activity log, Access control (IAM), Tags, Resource visualizer, Events, Settings, Cost Management, Monitoring, Automation, and Help. The main content area displays a search bar, filter options (Type equals all, Location equals all), and a message stating "No resources match your filters" with a "Try changing or clearing your filters." link. A large hexagonal icon is centered on the page.

The screenshot shows the Microsoft Azure Access control (IAM) page for the same resource group. The left sidebar is identical to the previous screenshot. The main content area shows a summary of role assignments: "Number of role assignments for this subscription" (2) and "Privileged" (2). Below this, a table lists role assignments for "All (2)" users. The table includes columns for Name, Type, Role, Scope, and Condition. Two entries are listed for the user "Ariha Zainab":

Name	Type	Role	Scope	Condition
Ariha Zainab c9f6c17b-03bc-4ae3-94ef-0f2b3...	User	Owner	Subscription (Inherited)	None
Ariha Zainab c9f6c17b-03bc-4ae3-94ef-0f2b3...	User	Owner	Subscription (Inherited)	None

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Screenshot of the Microsoft Azure portal showing the 'Add role assignment' screen and the 'Role assignments' list.

**Add role assignment**

**Selected role:** Virtual Machine Contributor

**Assign access to:** User, group, or service principal (selected)

**Members:**

Name	Object ID	Type
Ariha Zainab(Guest)	c9f6c17b-03bc-4ae3-94ef-0f2b36bde586	User

**Description:** Optional

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**myRGRBAC | Access control (IAM)**

**Number of role assignments for this subscription:** 3

**Privileged:** 2

**Role assignments:**

Name	Type	Role	Scope	Condition
Ariha Zainab	User	Owner	Subscription (Inherited)	None
Ariha Zainab	User	Owner	Subscription (Inherited)	None
Ariha Zainab	User	Virtual Machine Contributor	This resource	None

Showing 1 - 3 of 3 results.

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### Task 2: Monitor role assignments

The screenshot shows the Microsoft Azure Activity log for the resource group 'myRGRBAC'. A single event is listed: 'Create role assignment (Microsoft.Authorization/roleAssignment)'. The event details show it succeeded 3 minutes ago on Thursday, December 04, 2023, for the 'Azure for Students' subscription. The event was initiated by 'bsse2280138@szabist.pk'.

### Remove a Role:

The screenshot shows the Microsoft Azure Access control (IAM) page for the 'myRGRBAC' resource group. A modal dialog titled 'Remove role assignments' asks if the user wants to remove the selected role assignment. Below the dialog, the 'View assignments' section lists role assignments for the 'Owner' scope. One assignment for 'Ariha Zainab' is selected and highlighted with a blue border. The table columns are Name, Type, Role, Scope, and Condition.

The screenshot shows the Microsoft Azure Access control (IAM) page for the 'myRGRBAC' resource group. The 'Role assignments' tab is selected. The page displays two role assignments for the 'Owner' scope. Both assignments are for 'Ariha Zainab' and are of type 'User'. The 'Scope' is listed as 'Subscription (Inherited)' and 'This resource'. The 'Condition' column shows 'None' for both.