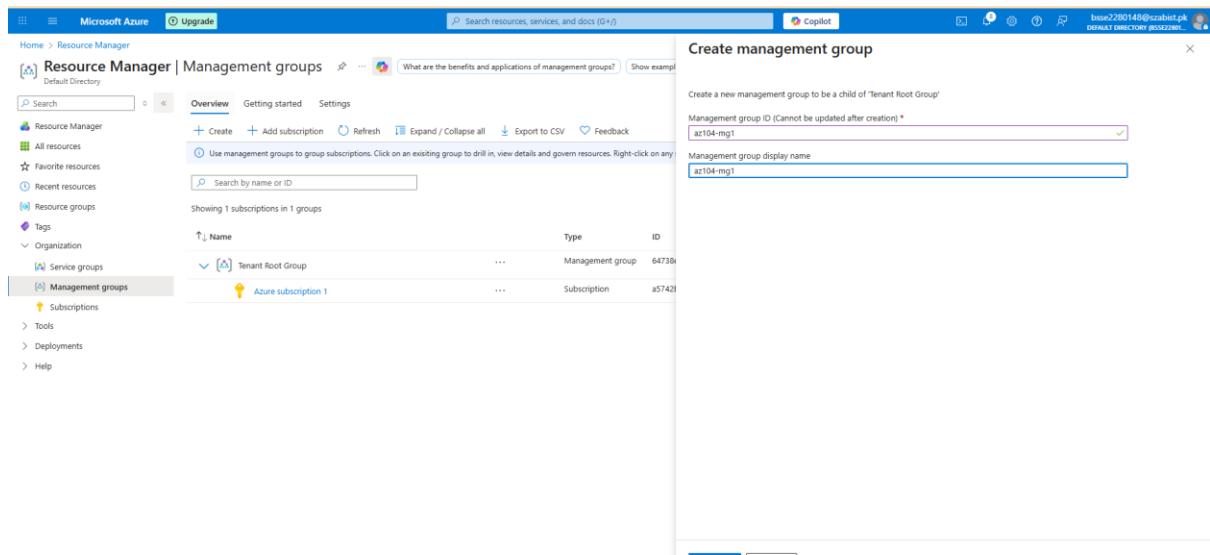


TASK 1: IMPLEMENT MANAGEMENT GROUPS

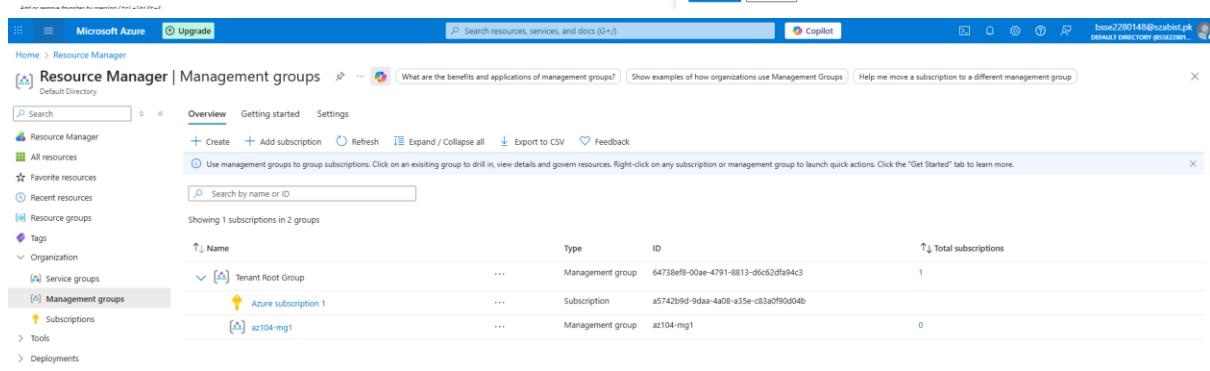
Access management for Azure resources

Mirza Usman Baig (bsse2280148@szabist.pk) can manage access to all Azure subscriptions and management groups in this tenant.
[Learn more](#)



The screenshot shows the Microsoft Azure portal interface. The user is navigating through the Resource Manager section, specifically under Management groups. A modal window titled "Create management group" is open on the right side of the screen. In the modal, the "Management group ID" field contains "az104-mg1" and the "Management group display name" field also contains "az104-mg1". Below the fields are "Submit" and "Cancel" buttons. The main pane shows a list of existing management groups and their associated subscriptions.

Name	Type	ID
Tenant Root Group	Management group	64738f...
Azure subscription 1	Subscription	a5742...



The screenshot shows the same Microsoft Azure portal interface after the management group has been created. The "az104-mg1" group is now listed in the main pane along with the Tenant Root Group and the Azure subscription 1. The "az104-mg1" group is expanded, showing it contains the Azure subscription 1.

Name	Type	ID	Total subscriptions
Tenant Root Group	Management group	64738f...	1
Azure subscription 1	Subscription	a5742...	0
az104-mg1	Management group	az104-mg1	0



The screenshot shows the Windows taskbar at the bottom of the screen, displaying various system icons such as battery level, signal strength, and volume. The date and time are shown as "5:20 pm 09/12/2025".

TASK 2: Assign Built-in Role (VM Contributor)

The screenshot shows the Microsoft Azure portal interface. The top navigation bar includes 'Microsoft Azure', 'Upgrade', 'Search resources, services, and docs (G+)', 'Copilot', and user information ('isse220014@icabnet.pk', 'DEFAULT DIRECTORY (isuse220014)'). The main content area is titled 'Add role assignment' with a sub-section 'Virtual Machine Contributor'. It displays the following details:

Role	Virtual Machine Contributor
Scope	/providers/Microsoft.Management/managementGroups/az104-mg1
Members	Mirza Usman Baig(Guest) (Object ID: fe3526a5-32b8-4b27-a2b2-e1ce9aa1b9d, Type: User)
Description	No description
Condition	None

TASK 3: Create Custom RBAC Role

The screenshot shows the Microsoft Azure portal interface. The top navigation bar includes 'Microsoft Azure', 'Upgrade', 'Search resources, services, and docs (G+)', 'Copilot', and user information ('isse220014@icabnet.pk', 'DEFAULT DIRECTORY (isuse220014)'). The main content area is titled 'Create a custom role' with a sub-section 'Review + create'. It displays the following configuration:

Basics	
Role name	TASK 3: Create Custom RBAC Role
Role description	A custom contributor role for support requests
Permissions	
Action	Microsoft.Authorization/*/read
Action	Microsoft.Resources/subscriptions/resourceGroups/read
Action	Microsoft.Support/*
NotAction	Microsoft.Support/register/action
Assignable Scopes	
Scope	/providers/Microsoft.Management/managementGroups/az104-mg1

At the bottom, there are 'Create' and 'Previous' buttons, and a 'Feedback' link.

TASK 4: Activity Log

The screenshot shows the Microsoft Azure Activity Log interface for the management group 'az104-mg1'. The left sidebar lists various management group categories: Overview, Subscriptions, Resource Groups, Resources, Activity Log (which is selected and highlighted in blue), Access control (IAM), Governance, and Cost Management. The main content area displays a table of activity logs with the following columns: Operation name, Status, Time, Time stamp, Subscription, and Event initiated by. There are two entries in the table:

Operation name	Status	Time	Time stamp	Subscription	Event initiated by
> Create role assignment	Succeeded	3 minutes a...	Tue Dec 09 ...		bsse2280148@czabit.pk
> Create or Update	Succeeded	8 minutes a...	Tue Dec 09 ...		bsse2280148@czabit.pk