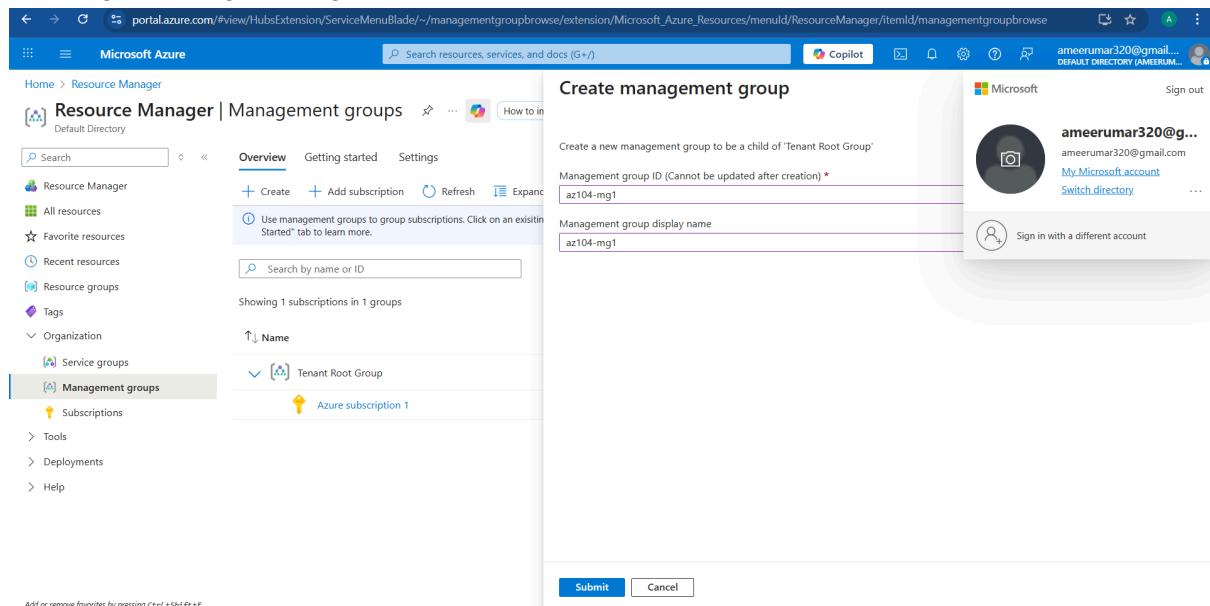


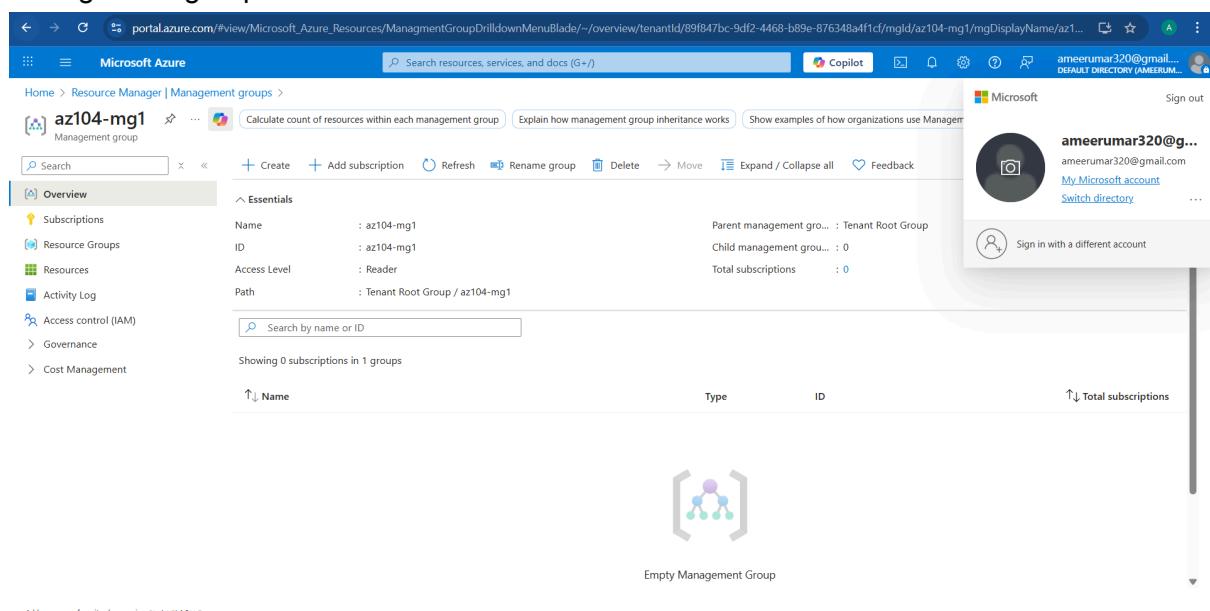
**Assignment: 02**  
**Lab: 02a**  
**Name: Ameer Umar Khan**  
**ID: 2280137**  
**Section: 7B**

## Creating a management group



The screenshot shows the Azure portal interface for creating a management group. On the left, the navigation menu is open, showing 'Management groups' selected under 'Resource Manager'. The main area is titled 'Create management group' with the sub-instruction 'Create a new management group to be a child of "Tenant Root Group"'. The 'Management group ID' field contains 'az104-mg1'. The 'Management group display name' field also contains 'az104-mg1'. Below these fields is a dropdown menu showing 'Tenant Root Group' and 'Azure subscription 1'. At the bottom right of the modal are 'Submit' and 'Cancel' buttons.

## Management group created



The screenshot shows the Azure portal interface for the newly created management group 'az104-mg1'. The left sidebar shows the group is a 'Management group'. The main page has an 'Overview' tab selected. Under 'Essentials', it displays the group's name ('az104-mg1'), ID ('az104-mg1'), access level ('Reader'), and path ('Tenant Root Group / az104-mg1'). It also shows that it is a 'Parent management group' of 'Tenant Root Group' and a 'Child management group' of '0'. The total number of subscriptions is '0'. Below this, there is a table with columns 'Name', 'Type', and 'ID', and a 'Total subscriptions' column header. At the bottom, there is a note 'Empty Management Group' with a small icon of three stylized human figures.

## Creating role

The screenshot shows the 'Add role assignment' step in the Azure portal. The 'Review + assign' tab is selected. The role is set to 'Virtual Machine Contributor' and the scope is '/providers/Microsoft.Management/managementGroups/az104-mg1'. A single member, 'helpdesk', is assigned, which is a Group object with ID 5c831486-0eed-4ed1-b672-637531bcc5b8. There is no description or condition specified. At the bottom, there are 'Review + assign', 'Previous', and 'Next' buttons.

## Excluding permission

The screenshot shows the 'Create a custom role' page in the Azure portal, specifically the 'Permissions' tab. It lists several permissions under 'Microsoft.Authorization/\*/read', 'Microsoft.Resources/subscriptions/resourceGroups/re...', and 'Microsoft.Support/\*'. Under each permission, there are 'Add' and 'Exclude' buttons. The 'Exclude' button is highlighted for the 'Microsoft.Support' permission. The 'Exclude' section shows a list of actions: 'Not Actions' (selected) and 'Permission'. Under 'Permission', several options are listed, with 'Other : Registers Support Resource Provider' checked. The 'Description' column provides details for each option. At the bottom, there are 'Review + create', 'Previous', and 'Next' buttons.

## Reviewing and creating role

The screenshot shows the 'Create a custom role' page in the Azure portal. The top navigation bar includes 'Microsoft Azure', a search bar, and user information for 'ameerumar320@gmail.com'. The main content area has tabs for 'Basics', 'Permissions', 'Assignable scopes', 'JSON', and 'Review + create' (which is selected).  
**Basics:**  
Role name: Custom Support Request  
Role description: A custom contributor role for support requests.  
**Permissions:**  
Actions listed:

- 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

## Management group activity log

The screenshot shows the 'az104-mg1 | Activity Log' page in the Azure portal. The top navigation bar includes 'Microsoft Azure', a search bar, and user information for 'ameerumar320@gmail.com'. The left sidebar shows navigation options like Overview, Subscriptions, Resource Groups, Resources, and Activity Log (which is selected).  
The main content area displays activity logs for the management group 'az104-mg1'. It includes filters for Management Group, Subscription, Event severity, Timespan, and Resource group. The table lists three items:

Operation name	Status	Time	Time stamp	Subscription	Event initiated by
> Create or update custom role definition	Succeeded	3 minutes a...	Sat Jan 10 2...		ameerumar320@gmail.com
> Create role assignment	Succeeded	6 minutes a...	Sat Jan 10 2...		ameerumar320@gmail.com
> Create or Update	Succeeded	25 minutes ...	Sat Jan 10 2...		ameerumar320@gmail.com