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Section: A

LAB: 02-B

Task 1: Assign tags via the Azure portal

The screenshot shows the 'Create a resource group' wizard in the Microsoft Azure portal. The 'Tags' tab is selected. Under the 'Tags' section, there is one tag named 'Cost Center' with the value '000'. At the bottom, there are 'Previous' and 'Next' buttons, and a prominent blue 'Create' button.

The screenshot shows the 'az104-rg2' resource group overview page. The left sidebar shows navigation options like Overview, Activity log, Access control (IAM), Tags, and Resource visualizer. The main area displays the 'Essentials' section with tabs for Resources and Recommendations. There is a filter bar at the top of the resources list.

The screenshot shows the 'az104-rg2 | Tags' settings page. The left sidebar shows navigation options like Overview, Activity log, Access control (IAM), Tags, Resource visualizer, Events, Settings, Deployments, Security, Deployment stacks, Policies, Properties, and Locks. The main area displays information about tags and a table for managing them. A single tag named 'Cost Center' is listed with the value '000'. At the bottom, there are 'Apply' and 'Discard changes' buttons.

Task 2: Enforce tagging via an Azure Policy

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Home > Policy | Definitions > **Require a tag and its value on resources** ...

Require a tag and its value on resources

Policy definition

Assign policy Edit definition Duplicate definition Select version Delete definition

Essentials

Name	: Require a tag and its value on resources	Definition location	: --
Version	: 1.0.1	Definition ID	: /providers/Microsoft.Authorization/policyDefinitions/1e30110a-5ceb-4...
Description	: Enforces a required tag and its value. Does not apply to resource grou...	Type	: Built-in
Available Effects	: Deny	Mode	: Indexed
Category	: Tags		

Definition Assignments (0) Parameters (2)

```
1 {  
2   "properties": {  
3     "displayName": "Require a tag and its value on resources",  
4     "policyType": "BuiltIn",  
5     "mode": "Indexed",  
6     "description": "Enforces a required tag and its value. Does not apply to resource groups.",  
7   }  
}
```

Give feedback

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Home > Policy | Definitions > **Require a tag and its value on resources** > **Assign policy** ...

Assign policy

Basics Parameters Remediation Managed identity Non-compliance messages Review + create

Basics

Scope	Azure for Students/az104-rg2
Exclusions	--
Policy definition	Require a tag and its value on resources
Assignment name	Require Cost Center tag and its value on resources
Version	1.0.*
Description	Require Cost Center tag and its value on all resources in the resource group
Policy enforcement	Default
Assigned by	Zainab Asif

Advanced

Previous Next Create Give feedback

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Home > Policy | Definitions > **Require a tag and its value on resources** ...

Require a tag and its value on resources

Policy definition

Assign policy Edit definition Duplicate definition Select version Delete definition

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4     "policyType": "BuiltIn",  
5     "mode": "Indexed",  
6     "description": "Enforces a required tag and its value. Does not apply to resource groups.",  
7   }  
}
```

Give feedback

Microsoft Azure Search resources, services, and docs (G+/-) Copilot Home > Storage center | Blob Storage > Create a storage account ...

Validation failed. Required information is missing or not valid.

Basics Advanced Networking Data protection Encryption Tags Review + create

Basics

Subscription	Azure for Students
Resource group	az104-rg2
Location	Central India
Storage account name	zainabasifstorage
Preferred storage type	
Performance	Standard
Replication	Read-access geo-redundant storage (RA·GRS)

Advanced

Enable hierarchical namespace	Disabled
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Previous Next Create Give feedback

Task 3: Apply tagging via an Azure policy

Microsoft Azure Search resources, services, and docs (G+/-) Copilot Home > Policy | Assignments ...

Policy | Assignments ...

Search Filter by name or ID... Scope : Azure for Students Definition type : All definition types

Total Assignments 3 Initiative Assignments 1 Policy Assignments 0

Delete assignment

Do you want to delete the policy assignment 'Require Cost Center tag and its value on resources'?

Yes No

Type	...
Policy	...
Initiative	...
Policy	...

Edit columns Export to CSV

Add or remove favorites by pressing Ctrl+Shift+F Give feedback

Microsoft Azure Search resources, services, and docs (G+/-) Copilot Home > Policy | Assignments > Assign policy ...

Assign policy

Basics Parameters Remediation Managed identity Non-compliance messages Review + create

Basics

Scope	Azure for Students/az104-rg2
Exclusions	--
Policy definition	Inherit a tag from the resource group if missing
Assignment name	Inherit the Cost Center tag and its value 000 from the resource group if missing
Version	1.*.*
Description	Inherit the Cost Center tag and its value 000 from the resource group if missing
Policy enforcement	Default
Assigned by	Zainab Asif

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Home > Policy

Policy | Assignments

Search

Assign policy Assign initiative Refresh

Overview Compliance Remediation Events Authoring Definitions Assignments Machine Configuration Exemptions

Total Assignments 3 Initiative Assignments 1 Policy Assignments 2

Assignment name Scope Type

Assignment name	Scope	Type
Allowed resource deployment regions	Azure for Students	Policy
ASC Default (subscription: 2abc1374-49a7-48c3-b0a8-366511eba3ea)	Azure for Students	Initiative
Inherit the Cost Center tag and its value 000 from the resource group if missing	Azure for Students/az104-rg2	Policy

Edit columns Export to CSV

Add or remove resources by pressing Ctrl + Shift + F

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Microsoft Azure

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DEFAULT DIRECTORY (BSSE22801...)

Home > Storage center | Blob Storage

Create a storage account

Basics Advanced Networking Data protection Encryption Tags Review + create

View automation template

Basics

Subscription	Azure for Students
Resource group	az104-rg2
Location	Central India
Storage account name	storageaccount2280134
Preferred storage type	
Performance	Standard
Replication	Read-access geo-redundant storage (RA-GRS)

Advanced

Enable hierarchical namespace	Disabled
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Previous Next Create

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Home > storageaccount2280134 1765520287004 | Overview

storageaccount2280134

Storage account

Help me optimize storage costs for this account How can I make this storage account more secure? Harden this storage account

Search

Upload Open in Explorer Delete Move Refresh Open in mobile CLI / PS Feedback

Overview Activity log Tags Diagnose and solve problems Access Control (IAM) Data migration Events Storage browser Storage Mover Partner solutions Resource visualizer Data storage Security + networking

Essentials

Resource group (... : az104-rg2	Performance : Standard
Location : centralindia	Replication : Read-access geo-redundant storage (RA-GRS)
Primary/Secondary L... : Primary: Central India, Secondary: South India	Account kind : StorageV2 (general purpose v2)
Subscription (move) : Azure for Students	Provisioning state : Succeeded
Subscription ID : 2abc1374-49a7-48c3-b0a8-366511eba3ea	Created : 12/12/2025, 11:18:54 am
Disk state : Primary: Available, Secondary: Available	

Tags (edit) : Cost Center : 000

Properties Monitoring Capabilities (7) Recommendations (0) Tutorials Tools + SDKs

Blob service Hierarchical namespace Disabled Require secure transfer for REST API operations Enabled

Default access tier Hot Storage account key access Enabled

Disabled

Microsoft Azure

Search resources, services, and docs (G+)

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storageaccount2280134 | Tags

Storage account

Search Delete all Feedback

Overview Activity log Tags Diagnose and solve problems Access Control (IAM) Data migration Events Storage browser Storage Mover Partner solutions Resource visualizer Data storage Security + networking

Cost Center : 000

storageaccount2280134 (Storage account)
Cost Center : 000
No changes

Apply Discard changes

This screenshot shows the 'Tags' section of a Microsoft Azure Storage account. It displays a single tag entry: 'Cost Center' with a value of '000'. The interface includes a search bar, a delete all button, and a feedback link. A note at the top explains that tags are name/value pairs used for categorization and billing.

Task 4: Configure and test resource locks.

Microsoft Azure

Search resources, services, and docs (G+)

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az104-rg2 | Locks

Resource group

Search Add Refresh Feedback

Tags Resource visualizer Events Settings Deployments Security Deployment stacks Policies Properties Locks Cost Management Monitoring Automation

Add lock

Lock name * rg-lock Lock type * Delete Notes OK Cancel

This screenshot shows the 'Locks' configuration page for a Microsoft Azure resource group. A modal dialog titled 'Add lock' is open, prompting for a lock name ('rg-lock') and lock type ('Delete'). The 'Delete' option is selected. The background shows the main resource group settings and other available options like 'Tags' and 'Properties'.

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Delete a resource group

The following resource group and all its dependent resources will be permanently deleted.

Resource group to be deleted

az104-rg2

Delete confirmation

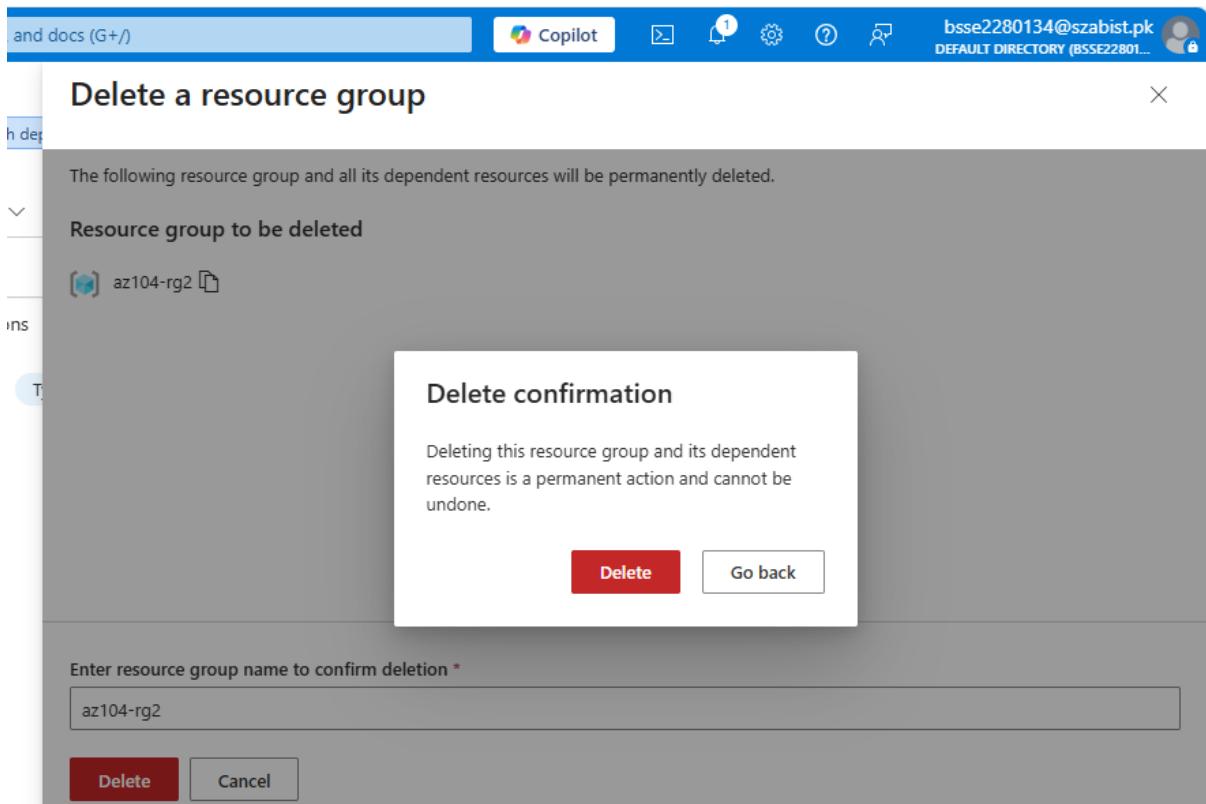
Deleting this resource group and its dependent resources is a permanent action and cannot be undone.

Delete Go back

Enter resource group name to confirm deletion *

az104-rg2

Delete Cancel



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! Delete resource group az104-rg2 failed

The resource group az104-rg2 is locked and can't be deleted. Click here to manage locks for this resource group.

Help me troubleshoot

JSON View

