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Section: A

LAB: 02-B

Task 1: Assign tags via the Azure portal

Microsoft Azure

Search resources, services, and docs (G+)

Copilot

bsse2280134@szabist.pk
DEFAULT DIRECTORY (BSSE22801...)

Home > Resource Manager | Resource groups >

Create a resource group

Basics Tags **Review + create**

[Automation Link](#)

Basics

Subscription Azure for Students

Resource group name az104-rg2

Region Central India

Tags

Cost Center 000

Previous Next **Create**

Microsoft Azure

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Home >

az104-rg2

Resource group

Generate Bicep code to duplicate this resource group. How to manage these changes more efficiently with deployment tools? +1

Search

+ Create Manage view Delete resource group Refresh Export to CSV Open query Assign tags Group by none

Overview

Activity log

Access control (IAM)

Tags

Resource visualizer

Essentials

Resources Recommendations

Filter for any field... Type equals all Location equals all Add filter

JSON View

Microsoft Azure

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Home > az104-rg2

az104-rg2 | Tags

Resource group

Search

Delete all Feedback

Tags are name/value pairs that enable you to categorize resources and view consolidated billing by applying the same tag to multiple resources and resource groups. Tag names are case insensitive, but tag values are case sensitive. [Learn more about tags](#)

Do not enter names or values that could make your resources less secure or that contain personal/sensitive information because tag data will be replicated globally.

Name	Value
Cost Center	000

az104-rg2 (Resource group)

Cost Center : 000

No changes

Apply Discard changes

Add or remove favorites by pressing Ctrl+Shift+F

Task 2: Enforce tagging via an Azure Policy

Microsoft Azure

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Home > Policy | Definitions >

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.",
```

Give feedback

Microsoft Azure

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

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

Microsoft Azure

Search resources, services, and docs (G+)

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Home > Policy | Definitions >

Require a tag and its value on resources ...

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Assign policy Edit definition Duplicate definition Select version Delete definition

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Definition

Assignments (0)

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5     "mode": "Indexed",
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```

Give feedback

Microsoft Azure

Search resources, services, and docs (G+)

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Home > Storage center | Blob Storage >

Create a storage account ...

Validation failed. Required information is missing or not valid.

BasicsAdvancedNetworkingData protectionEncryptionTagsReview + 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

Previous

Next

Create

Give feedback

Task 3: Apply tagging via an Azure policy

Microsoft Azure

Search resources, services, and docs (G+)

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Home > Policy

Policy | Assignments ...

Search

Assign policyAssign initiativeRefresh

OverviewComplianceRemediationEventsAuthoringDefinitionsAssignmentsMachine ConfigurationExemptions

Search

Filter by name or ID...

Scope: Azure for StudentsDefinition type: All definition types

Total Assignments 3Initiative Assignments 1Policy Assignments 0

Delete assignment

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

YesNo

Assignment name

Allowed resource deployment regions

ASC Default (subscription: 2abc1374-49a7-48c3-b0a8-36)

Require Cost Center tag and its value on resources

Azure for Students/az104-rg2

Edit columns

Export to CSV

Type

Policy

Initiative

Policy

Add or remove favorites by pressing Ctrl+Shift+F

Give feedback

Microsoft Azure

Search resources, services, and docs (G+)

Copilot

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Home > Policy | Assignments >

Assign policy ...

BasicsParametersRemediationManaged identityNon-compliance messagesReview + 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

1.0.0

Description

Inherit the Cost Center tag and its value 000 from the resource group if missing

Policy enforcement

Default

Assigned by

Zainab Asif

Previous

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Create

Give feedback

Microsoft Azure

Search resources, services, and docs (G+)

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Home > Policy

Policy | Assignments

Search

Assign policy Assign initiative Refresh

Search

Filter by name or ID...

Scope : Azure for Students Definition type : All definition types

Total Assignments 3 Initiative Assignments 1 Policy Assignments 2

Edit columns Export to CSV

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

Give feedback

Microsoft Azure

Search resources, services, and docs (G+)

Copilot

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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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Create

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Copilot

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Home > storageaccount2280134-1765520287004 | Overview

storageaccount2280134

Storage account

Search

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

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

JSON View

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

Default access tier Hot

Security

Require secure transfer for REST API operations Enabled

Storage account key access Enabled

https://portal.azure.com/?clearcache=1#view/HubsExtension/Deploy...

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Home > storageaccount2280134_1765520287004 | Overview > storageaccount2280134

storageaccount2280134 | Tags

Storage account

Search | Delete all | Feedback

Tags are name/value pairs that enable you to categorize resources and view consolidated billing by applying the same tag to multiple resources and resource groups. Tag names are case insensitive, but tag values are case sensitive. [Learn more about tags.](#)

Do not enter names or values that could make your resources less secure or that contain personal/sensitive information because tag data will be replicated globally.

Name	Value
Cost Center	: 000

storageaccount2280134 (Storage account)

Cost Center : 000

No changes

Apply | Discard changes

Add or remove favorites by pressing Ctrl+Shift+F

Task 4: Configure and test resource locks.

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Home > az104-rg2

az104-rg2 | Locks

Resource group

Search | Add | Refresh | Feedback

Can a resource locked for 'ReadOnly' be modified? | How do locks prevent accidental deletion of Azure resources? | Can multiple users in my tenant manage my locks?

Tags

Resource visualizer

Events

Settings

Deployments

Security

Deployment stacks

Policies

Properties

Locks

Cost Management

Monitoring

Lock name *

rg-lock

Lock type *

Delete

Notes

OK | Cancel

Add or remove favorites by pressing Ctrl+Shift+F

