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Program: BSSE

Section: B

## Lab 09: Implement Resource Tagging

### Task 1: Create a Policy Assignment

The screenshot shows the Microsoft Azure Policy | Assignments page. The 'Assignments' tab is selected. There are two assignments listed:

Assignment name	Scope	Type
Allowed resource deployment regions	Azure for Students	Policy
ASC Default (subscription: 861d493b-12a4-4267-b9db-f579840afab9)	Azure for Students	Initiative

The screenshot shows the 'Assign policy' wizard in progress. The 'Basics' step is selected. In the 'Available Definitions' pane, the 'tag' policy is selected. The list of policies includes:

Policy name	Latest version (pr...)	Type	Scope
[Preview]: Append a tag and its value to resources - ...	1.0.0-preview	Tags	BuiltIn
Certificates should have the specified lifetime action...	2.1.0	Tags	BuiltIn
[Preview]: Azure Cache for Redis should be Zone Re...	1.1.0-preview	Tags	BuiltIn
Virtual machines should be migrated to new Azure ...	1.0.0	Compute	BuiltIn
Require a tag and its value on resources	1.0.1	Tags	BuiltIn
Configure Function apps to use the latest TLS version	1.3.0	App Service	BuiltIn
Append a tag and its value to resources	1.0.1	Tags	BuiltIn
Configure backup on virtual machines with a given t...	9.4.0	Backup	BuiltIn
Requires resources to not have a specific tag. This is...	2.0.1	BuiltinPolicyTest	BuiltIn

At the bottom, there are buttons for 'Previous', 'Next', 'Review + create', 'Add', and 'Cancel'.

Microsoft Azure Search resources, services, and docs (G+) Copilot

All services > Policy | Assignments > Assign policy

Basics Parameters Remediation Non-compliance messages Review + create

Search by parameter name  Only show parameters that need input or review

Tag Name \*  Tag Value \*

Sign in with a different account

Previous Next Review + create Give feedback

Microsoft Azure Search resources, services, and docs (G+) Copilot

All services > Policy | Assignments

Policy | Assignments

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

Assignment name Scope ↑ Type ↑

Assignment name	Scope ↑	Type ↑
Allowed resource deployment regions	Azure for Students	Policy
ASC Default (subscription: 861d493b-12a4-4267-b9db-f579840afab9)	Azure for Students	Initiative
Require a tag and its value on resources	Azure for Students	Policy

Creating policy assignment succeeded

Creating policy assignment 'Require a tag and its value on resources' in 'Azure for Students' was successful. Please note that the assignment takes around 5-15 minutes to take effect.

Edit columns Export to CSV

## Task 2: Create a Storage Account to Test the Required Tagging

The screenshot shows the 'Create a storage account' wizard on the 'Basics' step. At the top, there's a navigation bar with 'Microsoft Azure', a search bar, and various icons. On the right, a user profile is shown with the email 'bsse2280151@szabist.pk'. Below the profile, there are links for 'My Microsoft account' and 'Switch directory'. The main area has tabs for 'Basics', 'Advanced', 'Networking', 'Data protection', 'Encryption', 'Tags', and 'Review + create'. Under 'Basics', there's a note about Azure Storage being a Microsoft-managed service. Below that, the 'Project details' section asks to select a subscription and resource group. A dropdown for 'Subscription' shows 'Azure for Students' and another for 'Resource group' shows '(New) Lab09-RG'. At the bottom, there are 'Previous', 'Next', and 'Review + create' buttons, along with a 'Give feedback' link.

The screenshot shows the 'Create a storage account' wizard on the 'Instance details' step. The interface is similar to the previous screen, with the Microsoft Azure header and user profile on the right. The main area is titled 'Instance details' and contains fields for 'Storage account name' (set to 'storageaccountosama01'), 'Region' (set to '(Asia Pacific) Central India'), 'Preferred storage type' (a dropdown menu), 'Performance' (radio buttons for 'Standard' and 'Premium', with 'Standard' selected), and 'Redundancy' (a dropdown menu set to 'Locally-redundant storage (LRS)'). At the bottom, there are 'Previous', 'Next', and 'Review + create' buttons, along with a 'Give feedback' link.

Microsoft Azure Search resources, services, and docs (G+) Copilot

All services > 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	Lab09-RG
Location	Central India
Storage account name	storageaccountosama01
Preferred storage type	Standard
Performance	Locally-redundant storage (LRS)

**Advanced**

Previous Next Create Give feedback

Sign in with a different account

Microsoft Azure Search resources, services, and docs (G+) Copilot

All services > Storage center | Blob Storage > Create a storage account ...

Basics Advanced Networking Data protection Encryption Tags Review + create

**Tags**

Name	Value	Resource
Company	Contoso	All resources selected
		All resources selected

Previous Next Review + create Give feedback

Sign in with a different account

Microsoft Azure Search resources, services, and docs (G+) Copilot

All services > 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	Lab09-RG
Location	Central India
Storage account name	storageaccountosama01
Preferred storage type	Standard
Performance	Locally-redundant storage (LRS)
Replication	

**Advanced**

Previous Next Create Give feedback

bsse2280151@szabist.pk DEFAULT DIRECTORY (BSSE22801... Sign out

Sign in with a different account

Microsoft Azure Search resources, services, and docs (G+) Copilot

All services > storageaccountosama01\_1761836068062 | Overview Deployment

Search Delete Cancel Redeploy Download Refresh

**Overview**

Your deployment is complete

Deployment name: storageaccountosama01\_17... Start time: 10/30/2025, 7:54:58 PM  
Subscription: Azure for Students Correlation ID: 76e7b615-7f73-41ba-bbf4-67457e6...

Deployment details Next steps Go to resource Give feedback Tell us about your experience with deployment

**Cost Management**  
Get notified to stay within your budget and prevent unexpected charges on your bill.  
Set up cost alerts >

**Microsoft Defender for Cloud**  
Secure your apps and infrastructure  
Go to Microsoft Defender for Cloud >

bsse2280151@szabist.pk DEFAULT DIRECTORY (BSSE22801... Sign out

### Task 3: View All Resources with a Specific Tag

Microsoft Azure Search resources, services, and docs (G+) Copilot

All services > Resource Manager Default Directory

Resource Manager | Tags How many resource groups have no tags? Summarize my tags by subscription. What are tags?

Search Refresh Feedback

Resource Manager All resources Favorite resources Recent resources Resource groups Tags Organization

Tags are name/value pairs that enable you to categorize resources and view consolidated billing by applying the same names are case insensitive, but tag values are case sensitive. Learn more about tags

Subscriptions: Azure for Students Filter items... Tags ↑↓ Company : Contoso

bsse2280151@szabist.pk bsse2280151@szabist.pk My Microsoft account Switch directory Sign in with a different account

Microsoft Azure Search resources, services, and docs (G+)

Copilot

bsse2280151@szabist.pk DEFAULT DIRECTORY (BSSE22801...

All services > Resource Manager | Tags >

## Resource Manager | Tags

Default Directory

Search Refresh Feedback

Resource Manager All resources Favorite resources Recent resources Resource groups Tags Organization Tools Deployments Help

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](#)

Filter items... Tags ↑ Company : Contoso

Resources with tag Company : Contoso

Default Directory (bsse2280151szabist.onmicrosoft.com)

Manage view Refresh Export to CSV Open query Assign tags

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

Unsecure resources Recommendations Changed resources

No grouping

Name ↑	Type ↑	Resource group ↑	Location ↑
storageaccountosama01	Storage account	Lab09-RG	Central India

Page 1 of 1 Showing 1 to 1 of 1 records.

Microsoft Azure Search resources, services, and docs (G+)

Copilot

bsse2280151@szabist.pk DEFAULT DIRECTORY (BSSE22801...

All services > Resource Manager

## Resource Manager | All resources

Default Directory

Search Create Manage view Refresh Export to CSV Open query Assign tags

All resources

Favorite resources Recent resources Resource groups Tags Organization Tools Deployments Help

You are viewing a new version of Browse experience. Click here to access the old experience.

Filter for any field... Subscription equals all Resource Group equals all Type equals all Location equals all

Name ↑	Type	Company
storageaccountosama01	Storage account	Contoso

Sign in with a different account

Microsoft Azure Search resources, services, and docs (G+)

Copilot

bsse2280151@szabist.pk DEFAULT DIRECTORY (BSSE22801...

All services > Resource Manager

## Resource Manager | All resources

Default Directory

Search Create Manage view Refresh Export to CSV Open query Assign tags

All resources

Favorite resources Recent resources Resource groups Tags Organization

You are viewing a new version of Browse experience. Click here to access the old experience.

Filter for any field... Subscription equals all Company equals all Add filter

Name ↑	Type	Resource Group	Location	Subscription
storageaccountosama01	Storage account	Lab09-RG	Central India	Azure for Students

Sign in with a different account

## Task 4: Delete the Policy Assignment

Microsoft Azure

All services > Policy

**Policy | Assignments**

Total Assignments: 3

Initiative Assignments: 1

Policy Assignments: 2

Assignment name	Scope ↑	Type	...
Allowed resource deployment regions	Azure for Students	Policy	...
ASC Default (subscription: 861d493b-12a4-4267-b9db-f579840afab9)	Azure for Students	Initiative	...
<b>Require a tag and its value on resources</b>	Azure for Students	Policy	...

Microsoft Azure

All services > Policy | Assignments >

**Require a tag and its value on resources**

Policy Assignment

**Essentials**

Name	: Require a tag and its value on resources	Scope	: Azure for Students
Definition version (previe...)	: 1.*	Excluded scopes	: --
Description	: --	Policy	: Default
Assignment ID	: /subscriptions/861d493b-12a4-4267-b9db-f579840afab9	Managed Identity	
Assigned by	: --		

**Parameters (2)**

Resource selectors (0)   Overrides (0)   Exempti

**Actions**

- Edit assignment
- Delete assignment**
- Duplicate assignment
- View compliance
- View definition
- Create exemption
- Create re

**Delete assignment**

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

**Yes**   **No**

Microsoft Azure

All services > Policy

**Policy | Assignments**

Total Assignments: 2

Initiative Assignments: 1

Policy Assignments: 1

Assignment name	Scope ↑
Allowed resource deployment regions	Azure for Students
ASC Default (subscription: 861d493b-12a4-4267-b9db-f579840afab9)	Azure for Students

**Notifications**

More events in the activity log → Dismiss all

**Successfully deleted assignment**

Successfully deleted 'Require a tag and its value on resources' from 'Azure for Students'. Please note that the change takes around 30 minutes to take effect.

a few seconds ago

## Verification:

The screenshot shows the Microsoft Azure portal interface for creating a storage account. The top navigation bar includes 'Microsoft Azure', 'Search resources, services, and docs (G+)', 'Copilot', and user information ('bsse2280151@szabist.pk'). The main title is 'Create a storage account'. The 'Tags' tab is selected in the navigation bar. Below it, there's a table with columns 'Name', 'Value', and 'Resource', containing a dropdown menu with 'All resources selected'. On the right, a sidebar shows the user profile ('bsse2280151@szabist.pk') and options to 'My Microsoft account' and 'Switch directory'. At the bottom, there are 'Previous', 'Next', and 'Review + create' buttons, along with a 'Give feedback' link.

The screenshot shows the Microsoft Azure portal interface for creating a storage account. The top navigation bar includes 'Microsoft Azure', 'Search resources, services, and docs (G+)', 'Copilot', and user information ('bsse2280151@szabist.pk'). The main title is 'Create a storage account'. The 'Review + create' tab is selected in the navigation bar. Below it, there are two sections: 'Basics' and 'Advanced'. The 'Basics' section contains the following details:

Subscription	Azure for Students
Resource group	Lab09-RG
Location	Central India
Storage account name	storageaccountosama02
Preferred storage type	Standard
Performance	Standard
Replication	Read-access geo-redundant storage (RA-GRS)

The 'Advanced' section is partially visible below. At the bottom, there are 'Previous', 'Next', and 'Create' buttons, along with a 'Give feedback' link.