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Program: BSSE

Section: B

Lab 09: Implement Resource Tagging

Task 1: Create a Policy Assignment

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

Policy | Assignments

Assign policy Assign initiative Refresh

Search Filter by name or ID...

Scope: Azure for Students Definition type: All definition types

Total Assignments 2 Initiative Assignments 1 Policy Assignments 1

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

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Assign policy

Available Definitions

tag Policy type: All policy types

Policy name	Latest version (pr...
[Preview]: Append a tag and its value to resources - ...	1.0.0-preview
Certificates should have the specified lifetime action...	2.1.0
[Preview]: Azure Cache for Redis should be Zone Re...	1.1.0-preview
Virtual machines should be migrated to new Azure ...	1.0.0
<input checked="" type="checkbox"/> Require a tag and its value on resources	1.0.1
Configure Function apps to use the latest TLS version	1.3.0
Append a tag and its value to resources	1.0.1
Configure backup on virtual machines with a given t...	9.4.0
Requires resources to not have a specific tag. This is...	2.0.1

1 out of 1 policies selected

Add Cancel

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 * Company

Tag Value * Contoso

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Previous Next Review + create Give feedback

All services > Policy

Policy | Assignments

Search x <

- Overview
- Compliance
- Remediation
- Events
- Authoring
- Definitions
- Assignments
- Exemptions

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: 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.

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

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All services > Storage center | Blob Storage >

Create a storage account

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Azure Storage is a Microsoft-managed service providing cloud storage that is highly available, secure, durable, scalable, and redundant. Azure Storage includes Azure Blobs (objects), Azure Data Lake Storage Gen2, Azure Files, Azure Queues, and Azure Tables. The cost of your storage account depends on the usage and the options you choose below. [Learn more about Azure storage accounts](#)

Project details

Select the subscription in which to create the new storage account. Choose a new or existing resource group to organize and manage your storage account together with other resources.

Subscription *

Azure for Students

Resource group *

(New) Lab09-RG

[Create new](#)

Instance details

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Create a storage account

Instance details

Storage account name * ⓘ

storageaccountosama01

Region * ⓘ

(Asia Pacific) Central India

[Deploy to an Azure Extended Zone](#)

Preferred storage type

Choose preferred storage type

This helps us provide relevant guidance. It doesn't restrict your storage to this resource type. [Learn more](#)

Performance * ⓘ

☒ Standard: Recommended for most scenarios (general-purpose v2 account)

☐ Premium: Recommended for scenarios that require low latency.

Redundancy * ⓘ

Locally-redundant storage (LRS)

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All services > Storage center | Blob Storage >

Create a storage account

Validation failed. Required information is missing or not valid.

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Basics

Subscription

Azure for Students

Resource group

Lab09-RG

Location

Central India

Storage account name

storageaccountosama01

Preferred storage type

Performance

Standard

Replication

Locally-redundant storage (LRS)

Advanced

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All services > Storage center | Blob Storage >

Create a storage account

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Tags

Name

Value

Resource


Company

:

Contoso

:

All resources selected



:

:

All resources selected

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Create a storage account

Basics | Advanced | Networking | Data protection | Encryption | Tags | **Review + create**

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Basics

Subscription	Azure for Students
Resource group	Lab09-RG
Location	Central India
Storage account name	storageaccountosama01
Preferred storage type	
Performance	Standard
Replication	Locally-redundant storage (LRS)

Advanced

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All services >

storageaccountosama01_1761836068062 | Overview

Deployment

Search | Delete | Cancel | Redeploy | Download | Refresh

Overview

- Inputs
- Outputs
- Template

✓ Your deployment is complete

Deployment name: storageaccountosama01_17... | Start time: 10/30/2025, 7:54:58 PM | Correlation ID: 76e7b615-7f73-41ba-bbf4-67457e6...

Subscription: [Azure for Students](#) | Resource group: [Lab09-RG](#)

Deployment details

Next steps

[Go to resource](#)

Give feedback

[Tell us about your experience with deployment](#)

Deployment succeeded

Deployment 'storageaccountosama01_1761836068062' to resource group 'Lab09-RG' was successful.

[Go to resource](#) | [Pin to dashboard](#)

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 >](#)

Task 3: View All Resources with a Specific Tag

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All services > Resource Manager

Resource Manager | Tags

Default Directory

Search | Refresh | Feedback

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](#)

How many resource groups have no tags? | [Summarize my tags by subscription.](#) | [What are my tags?](#)

Resource Manager

- All resources
- Favorite resources
- Recent resources
- Resource groups
- Tags**
- Organization

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All services > Resource Manager | Tags >

Resource Manager
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

0 Unsecure resources

0 Recommendations

1 Changed resources

No grouping

List view

☐

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+)

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All services > Resource Manager

Resource Manager
Default Directory

Search

Create

Manage view

Refresh

Export to CSV

Open query

Assign tags

Resource Manager

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

☐

storageaccountosama01

Storage account

Showing 1 - 1 of 1. Display count: auto

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All services > Resource Manager

Resource Manager
Default Directory

Search

Create

Manage view

Refresh

Export to CSV

Open query

Assign tags

Resource Manager

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

Task 4: Delete the Policy Assignment

The screenshot shows the Microsoft Azure portal interface. The top navigation bar includes the Microsoft Azure logo, a search bar, and the user profile. The left sidebar shows the 'Policy | Assignments' section. The main content area displays a table of policy assignments. The assignment 'Require a tag and its value on resources' is highlighted with a red box.

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

The screenshot shows the 'Require a tag and its value on resources' assignment page. The 'Delete assignment' button is highlighted with a red box. A 'Delete assignment' dialog box is open, asking 'Do you want to delete the policy assignment 'Require a tag and its value on resources'?'. The 'Yes' button is highlighted with a red box.

Delete assignment

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

The screenshot shows the Microsoft Azure portal interface. The 'Policy | Assignments' page is visible, and the 'Notifications' panel is open on the right. The notification states: '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.' The notification is dated 'a few seconds ago'.

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:

Microsoft Azure

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Home >

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Name	Value	Resource
<div></div>	:	<div></div> All resources selected

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Home >

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Basics

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

Advanced

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