

Introduction To Cloud Computing

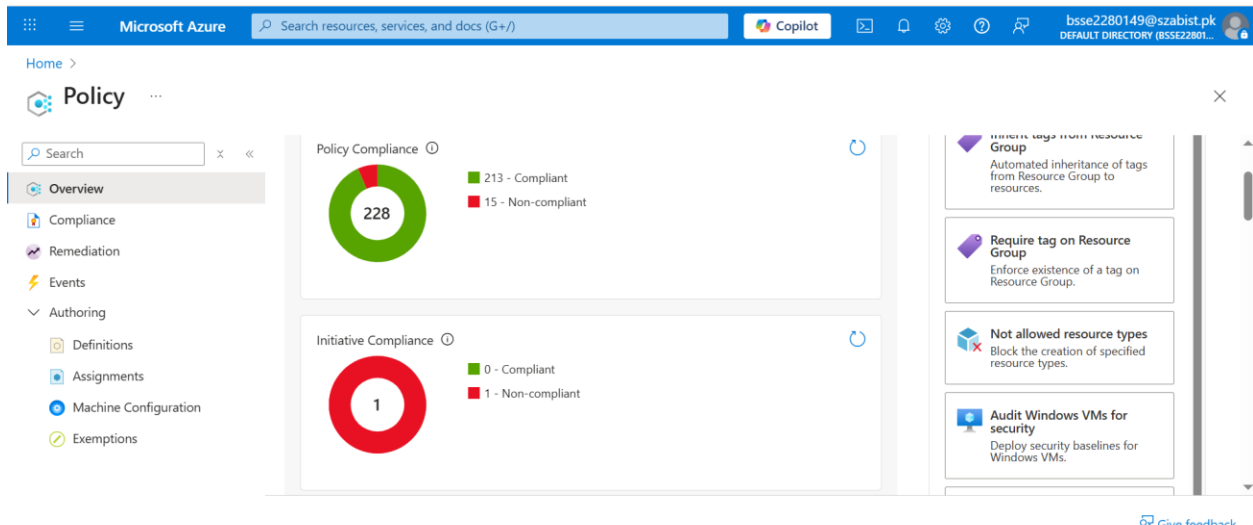
LAB 09

Name: Misha Sohail

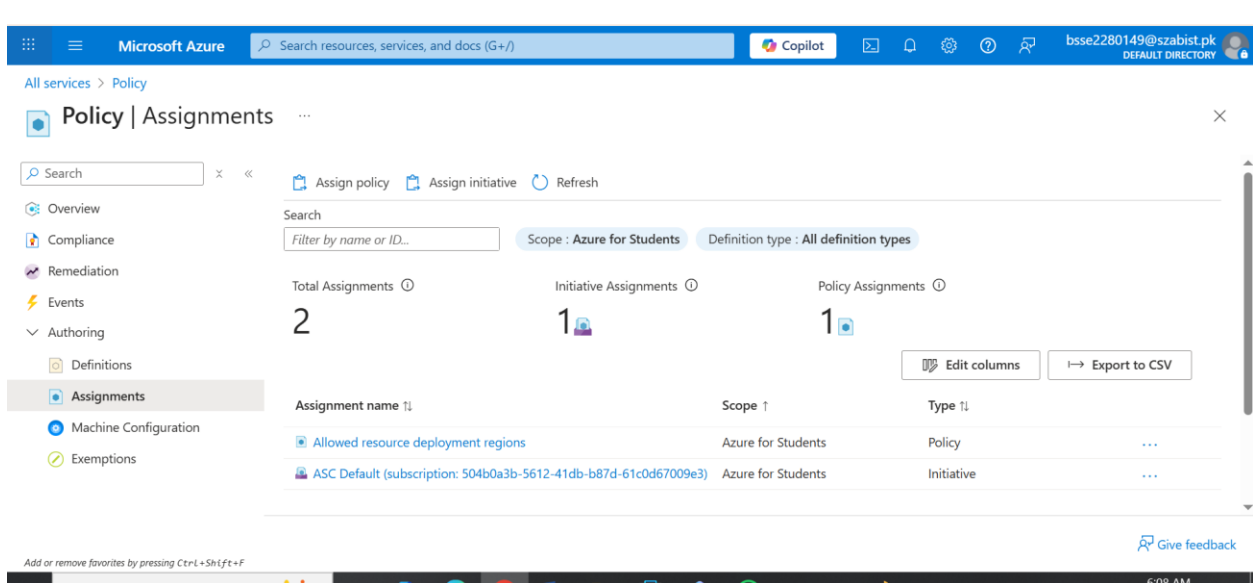
ID: 2280149

BS-SE 7B

Task 1: Create a Policy assignment



The screenshot shows the Microsoft Azure Policy Compliance page. The left sidebar contains a search bar and a navigation menu with the following items: Overview (selected), Compliance, Remediation, Events, Authoring (expanded), Definitions, Assignments, Machine Configuration, and Exemptions. The main content area displays two donut charts: 'Policy Compliance' with a green segment for 213 compliant resources and a red segment for 15 non-compliant resources, totaling 228; and 'Initiative Compliance' with a green segment for 0 compliant and a red segment for 1 non-compliant, totaling 1. On the right, a list of policy assignments is shown, including 'Inherit tags from Resource Group', 'Require tag on Resource Group', 'Not allowed resource types', and 'Audit Windows VMs for security'. The top navigation bar includes the Microsoft Azure logo, a search bar, and the user profile 'bsse2280149@szabist.pk'.



The screenshot shows the Microsoft Azure Policy Assignments page. The left sidebar is identical to the previous screenshot. The main content area features a search bar, filters for 'Scope: Azure for Students' and 'Definition type: All definition types', and three summary cards: 'Total Assignments: 2', 'Initiative Assignments: 1', and 'Policy Assignments: 1'. Below these is a table with columns for 'Assignment name', 'Scope', and 'Type'. The table contains two rows: 'Allowed resource deployment regions' (Policy) and 'ASC Default (subscription: 504b0a3b-5612-41db-b87d-61c0d67009e3)' (Initiative). The top navigation bar is also identical. The bottom of the page shows a taskbar with the time '6:08 AM'.

Assignment name	Scope	Type
Allowed resource deployment regions	Azure for Students	Policy
ASC Default (subscription: 504b0a3b-5612-41db-b87d-61c0d67009e3)	Azure for Students	Initiative

Microsoft Azure

Search resources, services, and docs (G+)

Copilot

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Home > Policy | Assignments >

Assign policy

Basics

Parameters

Remediation

Non-compliance

Scope

Scope *

Exclusions

Resource selectors (Expand)

Basics

Policy definition *

Azure for Students

Learn more about setting

Optionally select resourc

Using resource selectors, applicability by targeting; learn more.

Previous

Next

Review + create

Available Definitions

tag

Policy type : All policy types

Category : All categories

Policy name ↑↓	Latest version (pr... ↑↓	Category ↑↓	Type ↑↓
[Preview]: Azure Cache for Redis should be Zone Re...	1.1.0-preview	Resilience	BuiltIn
Virtual machines should be migrated to new Azure ...	1.0.0	Compute	BuiltIn
<input checked="" type="checkbox"/> 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
Storage accounts should be migrated to new Azure ...	1.0.0	Storage	BuiltIn
[Preview]: Azure Cache for Redis Enterprise & Flash ...	1.0.0-preview	Resilience	BuiltIn

1 out of 1 policies selected

Add

Cancel

Give feedback

Microsoft Azure

Search resources, services, and docs (G+)

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Home > Policy | Assignments >

Assign policy

Basics

Parameters

Remediation

Non-compliance messages

Review + create

Basics

Scope

Exclusions

Policy definition

Assignment name

Version (preview)

Description

Policy enforcement

Assigned by

Azure for Students

--

Require a tag and its value on resources

Require a tag and its value on resources

1.*

--

Default

Misha Sohail

Previous

Next

Create

Give feedback

Microsoft Azure | Search resources, services, and docs (G+/I) | Copilot | bsse2280149@szabist.pk | DEFAULT DIRECTORY (BSSE22801...)

Home > Policy

Policy | Assignments

Search

Overview
Compliance
Remediation
Events
Authoring
Definitions
Assignments
Machine Configuration
Exemptions

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: 504b0a3b-5612-41db-b87d-61c0d67009e3)	Azure for Students	Initiative
Require a tag and its value on resource groups	Azure for Students	Policy

Add or remove favorites by pressing Ctrl+L+Shift+F

Give feedback

Task 2: Create a storage account to test the required tagging:

Microsoft Azure | Search resources, services, and docs (G+/I) | Copilot | bsse2280149@szabist.pk | DEFAULT DIRECTORY (BSSE22801...)

All services > Storage center | Blob Storage

Create a storage account

Instance details

Storage account name * (Asia Pacific) Central India

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)

Previous Next Review + create

Give feedback

All services > Storage center | Blob Storage >

Create a storage account

Validation failed. Required information is missing or not valid.

Subscription	Azure for Students
Resource group	Lab9-rg
Location	Central India
Storage account name	storageaccountmi44
Preferred storage type	
Performance	Standard
Replication	Locally-redundant storage (LRS)

Advanced

Enable hierarchical namespace	Disabled
Enable SFTP	Disabled
Enable network file system v3	Disabled

PreviousNextCreate

Give feedback

All services > Storage center | Blob Storage >

Create a storage account

BasicsAdvancedNetworkingData protectionEncryptionTagsReview + create

Name	Value	Resource
Company	Contoso	All resources selected
		All resources selected

Give feedback

Search

×

«

Overview

Inputs

Outputs

Template

Delete

Cancel

Redeploy

Download

Refresh

✓

Your deployment is complete

Deployment name: storageaccountosama01_17...

Subscription: [Azure for Students](#)

Resource group: [Lab09-RG](#)

Start time: 10/30/2025, 7:54:58 PM

Correlation ID: 76e7b615-7f73-41ba-bbf4-67457e6...

Deployment details

Next steps

Go to resource

Give feedback

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

Microsoft Azure

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

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DEFAULT DIRECTORY (BSSE22801...

All services > Resource Manager

Resource Manager

Default Directory

Suggest optimal tags for resource organization

What are best practices for naming tags?

How many resource groups have no tags?

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](#)

Subscriptions: Azure for Students

Filter items...

Tags ↑↓

No tags

Add or remove favorites by pressing Ctrl+Shift+F