

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 dashboard. On the left, there's a navigation sidebar with options like Overview, Compliance, Remediation, Events, Authoring (Definitions, Assignments, Machine Configuration, Exemptions), and a search bar. The main area has two circular dashboards: 'Policy Compliance' showing 228 compliant resources (green) and 15 non-compliant (red), and 'Initiative Compliance' showing 1 non-compliant initiative (red). To the right, there's a list of policy definitions with icons and descriptions:

- Allow tags from resource Group: Automated inheritance of tags from Resource Group to resources.
- Require tag on Resource Group: Enforce existence of a tag on Resource Group.
- Not allowed resource types: Block the creation of specified resource types.
- Audit Windows VMs for security: Deploy security baselines for Windows VMs.

The screenshot shows the Microsoft Azure Policy | Assignments page. The left sidebar includes a navigation menu with Overview, Compliance, Remediation, Events, Authoring (Definitions, Assignments, Machine Configuration, Exemptions), and a search bar. The main content area displays a table of assignments with columns for Assignment name, Scope, and Type. There are three rows in the table:

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 DEFAULT DIRECTORY (BSSE22801...)

Home > Policy | Assignments > Assign policy ...

Available Definitions

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... Microsoft Teams - Google Chrome	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

Previous Next Review + create Add Cancel Give feedback

Microsoft Azure Search resources, services, and docs (G+) Copilot DEFAULT DIRECTORY (BSSE22801...)

Home > Policy | Assignments > Assign policy ...

Review + create

Basics

Scope	Azure for Students
Exclusions	--
Policy definition	Require a tag and its value on resources
Assignment name	Require a tag and its value on resources
Version (preview)	1.*.*
Description	--
Policy enforcement	Default
Assigned by	Misha Sohail

Previous Next Create Give feedback

The screenshot shows the Microsoft Azure Policy Assignments page. On the left, there's a navigation sidebar with options like Overview, Compliance, Remediation, Events, Authoring, Definitions, Assignments (which is selected), Machine Configuration, and Exemptions. The main area has three sections: Total Assignments (3), Initiative Assignments (1), and Policy Assignments (2). Below these are tables for each category. The first table for 'Assignment name' lists three items: 'Allowed resource deployment regions', 'ASC Default (subscription: 504b0a3b-5612-41db-b87d-61c0d67009e3)', and 'Require a tag and its value on resource groups'. The second table for 'Scope ↑' lists 'Azure for Students' for all three items. The third table for 'Type ↑' lists 'Policy' for the first two and 'Initiative' for the third. There are 'Edit columns' and 'Export to CSV' buttons at the top right of the tables.

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

The screenshot shows the 'Create a storage account' wizard, step 1: Instance details. It asks for a storage account name ('storageaccountm144'), a region ('(Asia Pacific) Central India'), a preferred storage type ('Choose preferred storage type'), and a performance level ('Performance'). The 'Performance' section shows 'Standard' (selected) and 'Premium' as options. At the bottom, it shows redundancy as 'Locally-redundant storage (LRS)'. Navigation buttons at the bottom are 'Previous', 'Next', and 'Review + create'.

Microsoft Azure Search resources, services, and docs (G+/) Copilot DEFAULT DIRECTORY (B5SE22801...)

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

Previous Next Create Give feedback

Microsoft Azure Search resources, services, and docs (G+/) Copilot DEFAULT DIRECTORY (B5SE22801...)

All services > Storage center | Blob Storage >

Create a storage account

Basics Advanced Networking Data protection Encryption Tags Review + create

Name Value Resource

Company	Contoso	All resources selected
		All resources selected

Next Step: Review + create

Search X < >

Delete Cancel Redeploy Download Refresh

Overview

Inputs Outputs Template

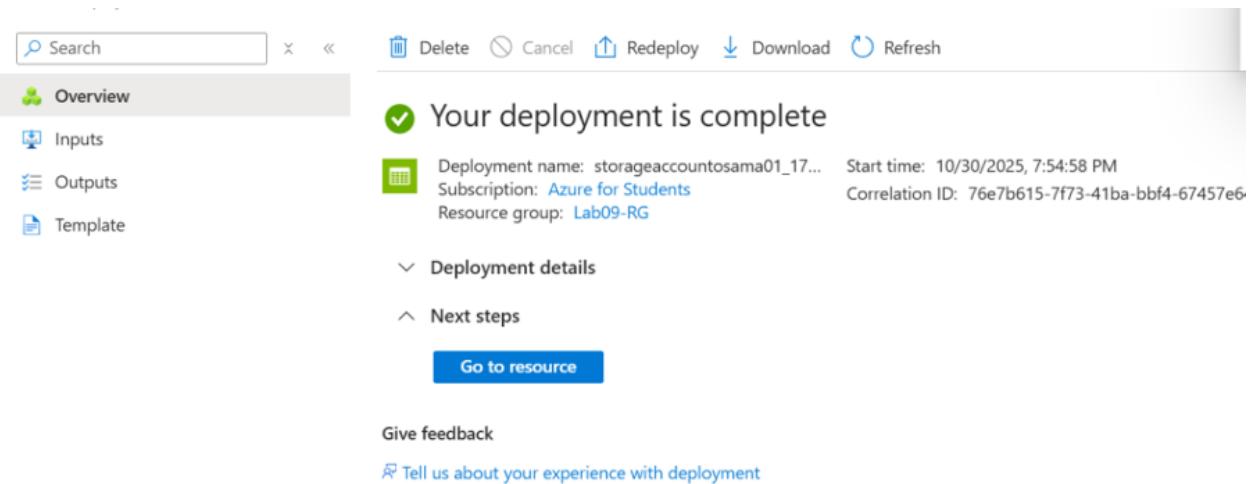
Your deployment is complete

Deployment name: storageaccountosama01_17... Start time: 10/30/2025, 7:54:58 PM
Subscription: Azure for Students Correlation ID: 76e7b615-7f73-41ba-bbf4-67457e6
Resource group: Lab09-RG

Deployment details Next steps

Go to resource

Give feedback Tell us about your experience with deployment



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

Copilot Copilot Feedback

All services > Resource Manager bsse2280149@szabist.pk DEFAULT DIRECTORY (BSSE22801...

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 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**

