

# INTRODUCTION TO CLOUD COMPUTING

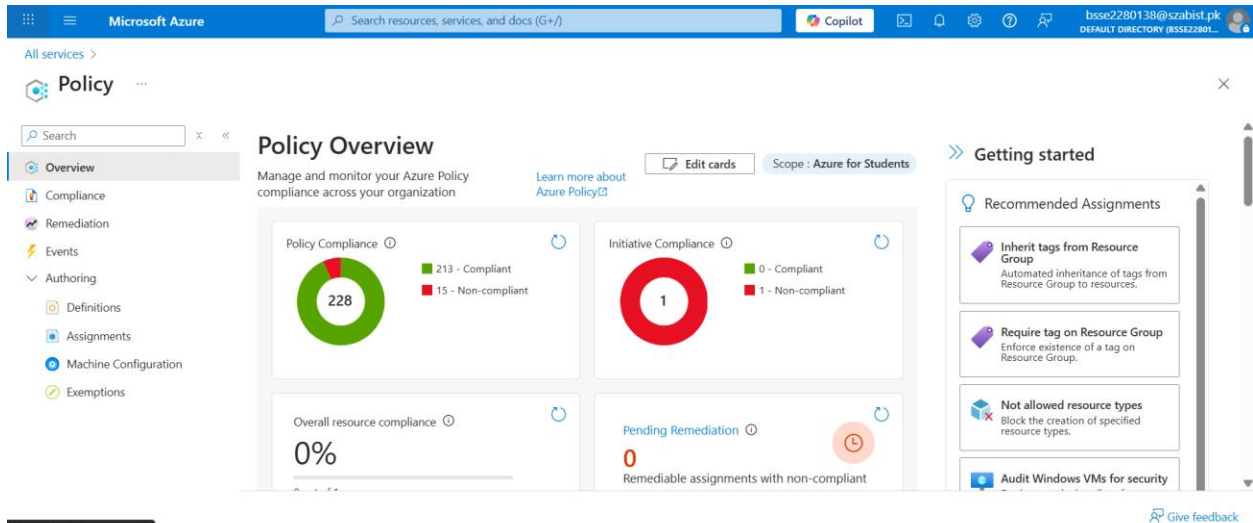
## Lab Task 09 (Implement Resource Tagging)

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Section: SE 7-B

### Task 1: Create a Policy assignment



The screenshot shows the Microsoft Azure Policy Assignments page. The left sidebar contains a navigation menu with options: Overview, Compliance, Remediation, Events, Authoring, Definitions, Assignments, Machine Configuration, and Exemptions. The main content area is titled 'Policy | Assignments' and includes a search bar, a 'Scope: Azure for Students' filter, and a 'Definition type: All definition types' filter. The 'Total Assignments' section shows 2 total assignments, 1 initiative assignment, and 1 policy assignment. The 'Assignments' table lists the following assignments:

Assignment name	Scope	Type
Allowed resource deployment	Azure for Stu...	Policy
ASC Default (subscription: 57af)	Azure for Stu...	Initiative

The URL bar shows 'https://portal.azure.com/#'. The user's email 'bsse2280138@szabist.pk' is visible in the top right corner.

# INTRODUCTION TO CLOUD COMPUTING

## Lab Task 09 (Implement Resource Tagging)

Microsoft Azure

Search resources, services, and docs (G+)

Copilot

bsse2280138@szabist.pk  
DEFAULT DIRECTORY (B33E22801...

All services > Policy | Assignments >

### Assign policy

BasicsParametersRemediationNon-compliance messagesReview + 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

Ariha Zainab

**Advanced**

Resource collection

No collection associated with this assignment

Previous

Next

Create

Give feedback

Microsoft Azure

Search resources, services, and docs (G+)

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bsse2280138@szabist.pk  
DEFAULT DIRECTORY (B33E22801...

All services > Policy

### Policy | Assignments

Search

Assign policyAssign initiativeRefresh

Overview

Compliance

Remediation

Events

Authoring

Definitions

**Assignments**

Machine Configuration

Exemptions

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 Stu...	Policy
ASC Default (subscription: 57a8b5a5-89cd-44d7-aaaf-c65ebdf15a43)	Azure for Stu...	Initiative
Require a tag and its value on resources	Azure for Stu...	Policy

Give feedback

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# INTRODUCTION TO CLOUD COMPUTING

## Lab Task 09 (Implement Resource Tagging)

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

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	Lab9_RG
Location	East Asia
Storage account name	storageaccountaz09
Preferred storage type	
Performance	Standard
Replication	Read-access geo-redundant storage (RA-GRS)

**Advanced**

Enable hierarchical namespace	Disabled
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Previous Next Create

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Microsoft Azure

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

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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

Previous Next Review + create

Give feedback

Microsoft Azure

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

Copilot

All services >

### storageaccountaz09

Storage account

Help me reduce the costs of my storage account Analyze connectivity to this storage account Help me write an LCM rule for this storage account

Search

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

**Overview**

- Activity log
- Tags
- Diagnose and solve problems
- Access Control (IAM)
- Data migration
- Events
- Storage browser
- Storage Mover
- Partner solutions
- Resource visualizer
- Data storage
- Security + networking

**Essentials**

Resource group (move)	Lab9_RG	Performance	Standard
Location	eastasia	Replication	Read-access geo-redundant storage (RA-GRS)
Primary/Secondary Lo...	Primary: East Asia, Secondary: Southeast Asia	Account kind	StorageV2 (general purpose v2)
Subscription (move)	Azure for Students	Provisioning state	Succeeded
Subscription ID	57a8b5a5-89cd-44d7-aaaf-c65ebdf15a43	Created	05/12/2025, 01:46:10
Disk state	Primary: Available, Secondary: Available		
Tags (edit)	Company : Contoso		

**Properties** Monitoring Capabilities (7) Recommendations (0) Tutorials Tools + SDKs

**Blob service**

Hierarchical namespace	Disabled
Default access tier	Hot
Blob anonymous access	Disabled

**Security**

Require secure transfer for REST API operations	Enabled
Storage account key access	Enabled
Minimum TLS version	Version 1.2

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# INTRODUCTION TO CLOUD COMPUTING

## Lab Task 09 (Implement Resource Tagging)

### Task 3: View all resources with a specific tag

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 main content area is titled "Resources with tag Company : Contoso". Below the title, there are tabs for "Manage view", "Refresh", "Export to CSV", "Open query", and "Assign tags". A filter bar shows "Subscription equals all", "Type equals all", and "Company equals Contoso". A table lists resources with columns: Name, Type, Resource group, Location, and Subscription. The table contains one entry: "storageaccounta09" (Storage account) in the "Lab9\_RG" resource group, located in "East Asia" under the "Azure for Students" subscription. The bottom of the page shows pagination: "< Previous", "Page 1 of 1", "Next >", and "Showing 1 to 1 of 1 records".

### 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 main content area is titled "Require a tag and its value on resources". Below the title, there are tabs for "Edit assignment", "Delete assignment", "Duplicate assignment", "View compliance", "View definition", "Create exemption", and "Create remediation task". A modal dialog titled "Delete assignment" is open, asking "Do you want to delete the policy assignment 'Require a tag and its value on resources'?" with "Yes" and "No" buttons. The background shows the policy assignment details, including Name, Definition version, Description, Assignment ID, and Assigned by. The bottom of the page shows a table with columns: Parameter ID, Parameter name, Parameter value, and Policy assignment. The table contains one entry: "tagName" (Tag Name) with the value "Company".

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 main content area is titled "Policy | Assignments". Below the title, there are tabs for "Assign policy", "Assign initiative", and "Refresh". A search bar is present. The page shows a summary of assignments: "Total Assignments: 2", "Initiative Assignments: 1", and "Policy Assignments: 1". A table lists assignments with columns: Assignment name, Scope, and Type. The table contains two entries: "Allowed resource deployment" (Scope: Azure for Stu..., Type: Policy) and "ASC Default (subscription: 57a..." (Scope: Azure for Stu..., Type: Initiative). A notification banner at the top right 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."