

# Introduction to Cloud Computing

## LAB 10

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BSSE 7-B

### Task 1: Create a Policy assignment

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Home > Policy

Policy | Definitions

Search

Policy definition Initiative definition Refresh

Search

Filter by name or ID...

Scope: Azure for Students Definition

The maximum number of definitions that can be assigned to a resource is 10. Please use filters to narrow down your search.

Name	Location	Definition ID	Category
Microsc...	1...	St...	...
Audit vi...	1...	B...	...
Microsc...	1...	St...	...
Restrict	1...	B...	...
Vulnera...	1...	B...	...

CDN Capability

ChangeTrackingAndInventory

Cognitive Services

Cognitive Services Capability

Communication

☒ Compute

Container Apps

Container Instance

☒ Container Instances

Container Registry

Container Registry Capability

Apply Cancel

Category: All categories

Edit columns Export to CSV

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Home > Policy | Definitions >

Allowed virtual machine size SKUs

Policy definition

Assign policy Edit definition Duplicate definition Select version (preview) Delete definition

Essentials

Name: Allowed virtual machine size SKUs

Version (preview): 1.0.1

Description: This policy enables you to specify a set of virtual machine size SKUs...

Available Effects: Deny

Category: Compute

Definition location: --

Definition ID: /providers/Microsoft.Authorization/policyDefinitions/cccc23c7-84...

Type: Built-in

Mode: Indexed

Definition Assignments (0) Parameters (1)

```
1 {
2   "properties": {
3     "displayName": "Allowed virtual machine size SKUs",
4     "policyType": "BuiltIn",
5     "mode": "Indexed",
6   }
```

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## LAB 10

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Home > Policy | Assignments >

### Assign policy

Basics Parameters Remediation Non-compliance messages Review + create

**Basics**

Scope	Azure for Students
Exclusions	--
Policy definition	Allowed locations
Assignment name	Allowed locations
Version (preview)	1.0.0
Description	--
Policy enforcement	Default
Assigned by	Hamd Naseem

**Advanced**

Resource selectors No selectors associated with this assignment.

Overrides No overrides associated with this assignment.

**Parameters**

Allowed locations [Japanwest]

**Remediation**

Previous Next Create

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Home > Policy

### Policy | Assignments

Search

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: 08961442-0f0c-42c9-828a-eb31cd3c44ff)	Azure for Students	Initiative
Allowed locations	Azure for Students	Policy

Add or remove favorites by pressing Ctrl+Shift+F

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## LAB 10

### Task 2: Test Allowed location policy

Microsoft Azure

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Home > Storage center | Blob Storage >

Create a storage account

Validation failed. Required information is missing or not valid.

BasicsAdvancedNetworkingData protectionEncryptionReview + create

Basics

Subscription	Azure for Students
Resource group	myRGPolicy
Location	Central India
Storage account name	storageaccount098h
Preferred storage type	
Performance	Standard
Replication	Read-access geo-redundant storage (RA-GRS)

Advanced

Previous

Next

Create

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### Task 3: Delete the policy assignment

Microsoft Azure

Search resources, services, and docs (G+)

Copilot

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All services > Policy

Policy | Assignments

Search

Assign policyAssign initiativeRefresh

Filter by name or ID...

Scope : Azure for StudentsDefinition type : All definition types

Total Assignments 0Initiative Assignments 0Policy Assignments 0

Assignment name ↑Scope ↑Type ↑

Successfully deleted assignment

Successfully deleted 'Allowed Locations' from 'Azure for Students'. Please note that the change takes around 30 minutes to take effect.

Edit columns

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## LAB 10

Created another storage account to ensure the policy is no longer in effect:

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Home > 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	myRGPolicy
Location	Central India
Storage account name	storageaccount098h
Preferred storage type	
Performance	Standard
Replication	Read-access geo-redundant storage (RA-GRS)

**Advanced**

Previous Next **Create** [Give feedback](#)

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Home >

### storageaccount098h\_1763226135161 | Overview

Deployment

Search Delete Cancel Redeploy Download Refresh

**Overview**

- Inputs
- Outputs
- Template

**Your deployment is complete**

Deployment name: storageaccount098h\_1763... Start time: 11/15/2025, 10:04:02 PM  
Subscription: [Azure for Students](#) Correlation ID: 58d1c2b7-638b-4d82-99a4-9b663784  
Resource group: [myRGPolicy](#)

Deployment details

Next steps

[Go to resource](#)

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Home > storageaccount098h\_1763226135161 | Overview >

### storageaccount098h

Storage account

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

Does this storage account follow security best practices How many critical alerts for this storage account +1

**Overview**

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

**Essentials**

Resource group (move)	Performance
<a href="#">myRGPolicy</a>	Standard
Location	Replication
centralindia	Read-access geo-redundant storage (RA-GRS)
Primary/Secondary Location	Account kind
Primary: Central India, Secondary: South India	StorageV2 (general purpose v2)
Subscription (move)	Provisioning state
<a href="#">Azure for Students</a>	Succeeded
Subscription ID	Created
08961442-0f0c-42c9-828a-eb31cd3c44ff	15/11/2025, 22:04:08
Disk state	
Primary: Available, Secondary: Available	

[JSON View](#)