

INTRODUCTION TO CLOUD COMPUTING

Lab Task 10 (Create an Azure Policy)

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Section: SE 7-B

Task 1: Task 1: Create a Policy assignment

Microsoft Azure

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

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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 type: All definition types

Policy type: All policy type

Category: All categories

The maximum number of definitions that can be displayed are shown, and some definitions might not be visible. Please use filters to narrow down your selection.

Edit columns

Export to CSV

Name	Latest version (preview)	Definition location	Policies	Type	Definition type	Category
Microsoft Managed Control 1599 - Developer	1.0.0					Regulatory...
Audit virtual machines without disaster recover	1.0.0					Compute
Microsoft Managed Control 1375 - Incident Re	1.0.0					Regulatory...
Restrict location of information processing, sto	1.1.0					Regulatory...
Vulnerability assessment should be enabled on	1.0.0					Synapse
Enable logging by category group for microsoft	1.0.0					Monitoring
Microsoft Managed Control 1605 - Developer	1.0.0					Regulatory...

Add or remove favorites by pressing Ctrl+Shift+F

Category

Comp

All

☒ Compute

Planetary Computer

Regulatory Compliance

Apply

Cancel

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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 that yo...

Available Effects: Deny

Category: Compute

Definition location: --

Definition ID: /providers/Microsoft.Authorization/policyDefinitions/cccc23c7-8427-4f53-...

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     "description": "This policy enables you to specify a set of virtual machine size SKUs that your organization can deploy.",
7     "metadata": {
```

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Home > Policy | Assignments >

Assign policy

Basics

Parameters

Remediation

Non-compliance messages

Review

Basics

Policy definition *

Overrides (Expand)

Assignment name *

Description

Policy enforcement ☒ Enabled

Available Definitions

Allowed Locations

Policy type: All policy types

Category: All categories

Policy name	Latest version (pr...	Category	Type
Azure Cosmos DB allowed locations	1.1.0	Cosmos DB	BuiltIn
<input checked="" type="checkbox"/> Allowed locations	1.0.0	General	BuiltIn
Allowed locations for resource groups	1.0.0	General	BuiltIn

1 out of 1 policies selected

Add

Cancel

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Review + create

Give feedback

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Home > Policy | Assignments >

Assign policy

BasicsParametersRemediationNon-compliance messagesReview + 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

Ariha Zainab

Advanced

Resource selectors

No selectors associated with this assignment.

Overrides

No overrides associated with this assignment.

Parameters

Allowed locations

[*]Japanwest

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Microsoft Azure

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Home > 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	Azure for Stu...	Policy	...
ASC Default (subscription: 57a1...	Azure for Stu...	Initiative	...
Allowed locations	Azure for Stu...	Policy	...

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Task 2: Test Allowed location policy

Microsoft Azure

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

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Home > Storage center | Blob Storage >

Create a storage account

Validation failed. Required information is missing or not valid.

BasicsAdvancedNetworkingData protectionEncryptionTagsReview + create

Basics

Subscription

Azure for Students

Resource group

myRGPolicy

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

Enable SFTP

Disabled

Enable network file system v3

Disabled

Allow cross-tenant replication

Disabled

Access tier

Hot

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INTRODUCTION TO CLOUD COMPUTING

Lab Task 10 (Create an Azure Policy)

Task 3: Delete the policy assignment

Home > Policy > Policy | Assignments

Search resources, services, and docs (G+)

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: 57a8b5a5-89cd-44d7-aaaf-c65ebdf15a43)	Azure for Students	Initiative

Edit columns Export to CSV

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

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 East Asia

Storage account name storageaccountaz78

Preferred storage type

Performance Standard

Replication Geo-redundant storage (GRS)

Advanced

Enable hierarchical namespace Disabled

Enable SFTP Disabled

Enable network file system v3 Disabled

Allow cross-tenant replication Disabled

Access tier Hot

Enable large file shares Enabled

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Give feedback

Home > storageaccountaz78_1764882933053 | Overview

Deployment

Search Delete Cancel Redeploy Download Refresh

Overview

Inputs Outputs Template

Your deployment is complete

Deployment name: storageaccountaz78_1764882933053 Start time: 12/5/2025, 2:15:54 AM

Subscription: Azure for Students Correlation ID: 1208a626-7822-4ef9-bc12-6eac4d65d7da

Resource group: myRGPolicy

Deployment details

Next steps

Go to resource

Cost Management

Get notified to stay within your budget and prevent unexpected charges on your bill. Set up cost alerts >