



SZABIST

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Course	Introduction to DevOps
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DevOps

LAB10

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TASK 1:

The screenshot displays the Microsoft Azure Policy Definitions page. The interface includes a search bar, filters for scope, definition type, policy type, and category, and a table of built-in policies. The table columns are Name, Latest version, Definition location, Policies, Type, Definition type, and Category. The policies listed include various security and compliance rules for Azure resources.

Name	Latest version (pr. %)	Definition location	Policies	Type	Definition type	Category
121 Azure Host-based OS I/O	1.0.0	Built-in	11	Built-in	Initiative	Regulatory Compliance
122 Azure Host-based OS I/O	1.0.0	Built-in	20	Built-in	Initiative	Regulatory Compliance
123 Azure Host-based OS I/O	1.0.0	Built-in	7	Built-in	Initiative	Monitoring
124 Azure Host-based OS I/O	1.0.0	Built-in	10	Built-in	Initiative	Monitoring
125 Azure Host-based OS I/O	1.0.0	Built-in	102	Built-in	Initiative	Regulatory Compliance
126 Azure Host-based OS I/O	1.0.0	Built-in	10	Built-in	Initiative	Security
127 Azure Host-based OS I/O	1.0.0	Built-in	11	Built-in	Initiative	Security Center
128 Azure Host-based OS I/O	1.0.0	Built-in	10	Built-in	Initiative	Regulatory Compliance
129 Azure Host-based OS I/O	1.0.0	Built-in	10	Built-in	Initiative	Regulatory Compliance
130 Azure Host-based OS I/O	1.0.0	Built-in	10	Built-in	Initiative	Regulatory Compliance
131 Azure Host-based OS I/O	1.0.0	Built-in	10	Built-in	Initiative	Regulatory Compliance
132 Azure Host-based OS I/O	1.0.0	Built-in	10	Built-in	Initiative	Regulatory Compliance
133 Azure Host-based OS I/O	1.0.0	Built-in	10	Built-in	Initiative	Regulatory Compliance
134 Azure Host-based OS I/O	1.0.0	Built-in	10	Built-in	Initiative	Regulatory Compliance
135 Azure Host-based OS I/O	1.0.0	Built-in	10	Built-in	Initiative	Regulatory Compliance
136 Azure Host-based OS I/O	1.0.0	Built-in	10	Built-in	Initiative	Regulatory Compliance
137 Azure Host-based OS I/O	1.0.0	Built-in	10	Built-in	Initiative	Regulatory Compliance
138 Azure Host-based OS I/O	1.0.0	Built-in	10	Built-in	Initiative	Regulatory Compliance
139 Azure Host-based OS I/O	1.0.0	Built-in	10	Built-in	Initiative	Regulatory Compliance
140 Azure Host-based OS I/O	1.0.0	Built-in	10	Built-in	Initiative	Regulatory Compliance
141 Azure Host-based OS I/O	1.0.0	Built-in	10	Built-in	Initiative	Regulatory Compliance
142 Azure Host-based OS I/O	1.0.0	Built-in	10	Built-in	Initiative	Regulatory Compliance
143 Azure Host-based OS I/O	1.0.0	Built-in	10	Built-in	Initiative	Regulatory Compliance
144 Azure Host-based OS I/O	1.0.0	Built-in	10	Built-in	Initiative	Regulatory Compliance
145 Azure Host-based OS I/O	1.0.0	Built-in	10	Built-in	Initiative	Regulatory Compliance
146 Azure Host-based OS I/O	1.0.0	Built-in	10	Built-in	Initiative	Regulatory Compliance
147 Azure Host-based OS I/O	1.0.0	Built-in	10	Built-in	Initiative	Regulatory Compliance
148 Azure Host-based OS I/O	1.0.0	Built-in	10	Built-in	Initiative	Regulatory Compliance
149 Azure Host-based OS I/O	1.0.0	Built-in	10	Built-in	Initiative	Regulatory Compliance
150 Azure Host-based OS I/O	1.0.0	Built-in	10	Built-in	Initiative	Regulatory Compliance

Assign policy ...

- Basics
- Parameters
- Remediation
- Non-compliance messages
- Review + create

Basics

Scope	--
Exclusions	--
Policy definition	Allowed locations
Assignment name	Allowed locations
Version (preview)	1.*.*
Description	--
Policy enforcement	Enabled
Assigned by	Umer Amir

Advanced

Resource selectors	No selectors associated with this assignment.
Overrides	No overrides associated with this assignment.

Parameters

Allowed locations	["japanwest"]
-------------------	---------------

Remediation

Create a Managed Identity	No managed identity associated with this assignment.
---------------------------	--

Non-compliance messages

Non-compliance messages	No non-compliance messages associated with this assignment.
-------------------------	---

Search

Filter by name or ID...

Scope: Azure subscription 1

Definition type: All definition types

Total Assignments 0

3

Initiative Assignments 0

1

Policy Assignments 0

2

Assignment name

Scope

Type

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[All services](#) > [Policy \(Assignments\)](#) > **Allowed locations**

Policy Assignment

[Get assignment](#)
[Delete assignment](#)
[Duplicate assignment](#)
[View properties](#)
[New definition](#)
[Import definition](#)
[Create new definition](#)

Essentials

Name	Allowed locations	Scope	Active subscription ID
Definition version (preview)	1.1.1	Excluded scope	---
Description	---	Definition type	Policy
Assignment ID	Subscriptions/4230706a-37ac-4d9b-b218-4856d3e1a5c6/providers/microsoft.a...	Policy enforcement	Default
Assigned by	---		

[Parameters \(1\)](#)
[Resource assignment \(0\)](#)
[Deployment \(0\)](#)
[Exceptions \(0\)](#)
[Remediation \(0\)](#)
[Deployed resources](#)
[Managed identity](#)

[Add columns](#)

Parameter ID 1	Parameter name 1	Parameter value 1	Policy assignment parameter reference type 1
16074d6ed3e6d0c0...	Allowed locations	{'approved'} View	User defined parameter

TASK 2:

Azure Storage is a Microsoft-managed service providing cloud storage that is highly available, secure, durable, scalable, and redundant. Azure Storage includes Azure Blobs (objects), Azure Data Lake Storage Gen2, Azure Files, Azure Queues, and Azure Tables. The cost of your storage account depends on the usage and the options you choose below. [Learn more about Azure storage accounts](#)

Project details

Select the subscription in which to create the new storage account. Choose a new or existing resource group to organize and manage your storage account together with other resources.

Subscription *

Azure subscription 1

Resource group *

(New) myRGPolicy

[Create new](#)

Instance details

Storage account name * ⓘ

storageaccount2112244

Region * ⓘ

(US) East US

[Deploy to an Azure Extended Zone](#)

✖ Allowed locations [\(Policy details\)](#)

Primary service ⓘ

Select a primary service

Performance * ⓘ

☒ **Standard:** Recommended for most scenarios (general-purpose v2 account)

☐ **Premium:** Recommended for scenarios that require low latency.

Redundancy * ⓘ

Geo-redundant storage (GRS)

☒ Make read access to data available in the event of regional unavailability.

Create a storage account ...

✖ Validation failed. Required information is missing or not valid.

✖ Resource 'myRGPolicy' was disallowed by policy. Policy identifiers: '[{"policyAssignment":{"name":"Require a tag and its value on resource groups","id":"/subscriptions/4283f9ba-55ac-4c8b-8239-496de83eca9c/providers/Microsoft.Authorization/policyAssignments/635c3694844f4f5ebfe3f5c9"},"policyDefinition":{"name":"Require a tag and its value on resource groups","id":"/providers/Microsoft.Authorization/policyDefinitions/8ce3da23-7156-49e4-b145-24f95f9dcb46","version":"1.0.0"}}]'.

Basics

Subscription	Azure subscription 1
Resource group	myRGPolicy
Location	East US
Storage account name	storageaccount2112244

TASK 3:

Allowed locations

Policy Assignment

[Self assignment](#)
[Delete assignment](#)
[Duplicate assignment](#)
[View compliance](#)
[View definition](#)
[Create assignment](#)
[Create compliance rule](#)

Examples

Name	Allowed locations	Scope	Allow subassignment?
Definition version (previous)	...	Excluded scope	...
Description	...	Definition type	Policy
Assignment ID	Subassignment(202105151544-1445-1021-Allowed locations (previous) this is not an available policy design...	Policy enforcement	Default
Assigned by	...		

[Parameters \(2\)](#)
[Resource definition \(5\)](#)
[Overrides \(2\)](#)
[Exempt rules \(2\)](#)
[Renewal dates \(5\)](#)
[Deployed resources](#)
[Managed identity](#)

Select by parameter name:

Parameter ID (1)

SubAllowedLocations

Parameter name (1)

Allowed locations

Policy assignment parameter reference type (1)

Use defined parameter

Delete assignment

Do you want to delete the policy assignment allowed locations?

Yes No

[Add columns](#)

✔ Successfully deleted assignment

Successfully deleted 'Allowed locations' from 'Azure subscription 1'. Please note that the change takes around 30 minutes to take effect.

a few seconds ago

TASK 4:

The screenshot displays the Azure portal interface for a Storage account. The left-hand navigation pane lists various services, with 'Storage account' selected. The main content area shows the 'Overview' tab for the account 'storageaccount2112241'. Below the overview, there are sections for 'Properties', 'Monitoring', 'Capabilities', 'Recommendations', 'Tutorials', and 'Tools + SDKs'. The 'Properties' section is expanded, showing details such as 'Resource group', 'Subscription', 'Subscription ID', 'Disk state', and 'Throttling'. The 'Security' section is also visible, showing 'Require secure transfer for REST API operations' and 'Storage account key status'. The 'Networking' section shows 'Allow access from' and 'Private endpoint connections'.