



Intro to Devops

Sir Tariq Khan Ghouri

Lab-9-Implement Resource Tagging

Ali-Sameed (2212173)

Arsalan-Aftab (2212284)

Task 1: Create a Policy Assignment

[Home](#) > [Policy | Assignments](#) >

Assign policy

Basics

Parameters

Remediation

Non-compliance messages

Review + create

Scope

Scope *

Azure subscription 1

Learn more about setting the scope

Exclusions

Exclusions

Optionally select resources to exclude from the policy assignment.

Resource selectors

Expand

Using resource selectors, you can further refine this assignment's applicability by targeting specific subsets of resources. Expand to learn more.

Basics

Policy definition *

Require a tag and its value on resources

Version (preview) *

Version (preview) *

1.*.*

Overrides

Expand

Using overrides, you can change the effects or referenced versions of definitions for all or a subset of resources evaluated by this assignment. Expand to learn more.

Assignment name *

Assignment name *

Require a tag and its value on resources

Description

Description

Previous

Next

Review + create

[Home](#) > [Policy | Assignments](#) >

Assign policy

Basics

Parameters

Remediation

Non-compliance messages

Review + create

Search by parameter name

Only show parameters that need input or review

Tag Name *

Tag Name *

Company

Tag Value *

Tag Value *

Centosso

Assign policy ...

Basics

Parameters

Remediation

Non-compliance messages

Review + create

Basics

| | |
|--------------------|--|
| Scope | Azure subscription 1 |
| 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 | Enabled |
| Assigned by | Ar Ali |

Advanced

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

Parameters

| | |
|----------|---------|
| Tag Name | Company |
|----------|---------|

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

Create a storage account ...

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) lab9-rg

Create new

Instance details

Storage account name * ⓘ

storageaccount2212173

Region * ⓘ

(US) East US

Deploy to an Azure Extended Zone

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 * ⓘ

Locally-redundant storage (LRS)

Previous

Next

Review + create

Microsoft Azure Upgrade

Search resources, services, and docs (G+)

Copilot

ara@devops@outlook.c...
DEFAULT DIRECTORY (ARALDEV...)

Home > Storage accounts >

Create a storage account ...

Validation failed. View error details ->

Basics

Advanced

Networking

Data protection

Encryption

Tags

Review + create

View automation template

Basics

Subscription: Azure subscription 1

Resource group: lab9-rg

Location: East US

Storage account name: storageaccount2212173

Primary service

Performance: Standard

Replication: Locally-redundant storage (LRS)

Advanced

Enable hierarchical namespace: Disabled

Enable SFTP: Disabled

Enable network file system v3: Disabled

Allow cross-tenant replication: Disabled

Previous

Next

Create

Errors

Summary

Raw Error

ERROR DETAILS

Resource 'storageaccount2212173' was disallowed by policy. (Code: RequestDisallowedByPolicy)

Policy: Require a tag and its value on resources

WAS THIS HELPFUL? 🗲 🗲

Explain with Copilot

Troubleshooting Options

New Support Request

Give feedback

Tell us about your experience with the ARM Errors page

[Home](#) > [Storage accounts](#) >

Create a storage account ...

Basics Advanced Networking Data protection Encryption Tags Review + create

| Name | | Value | | Resource | |
|---------|---|----------|---|------------------------|---|
| Company | : | Contosso | : | All resources selected |  |
| | : | | : | All resources selected | |

Task 3: View all resources with a specific tag

[Home](#) >



storageaccount2212173_1744210312756 | Overview

Deployment

 Delete  Cancel  Redeploy  Download  Refresh

 Overview

 Inputs

 Outputs

 Template

✓ Your deployment is complete



Deployment name: storageaccount2212173_1744210312756
Subscription: [Azure subscription 1](#)
Resource group: [lab9-rg](#)

Start time: 4/9/2025, 7:55:17 PM

Correlation ID: 4b9bacae-7c98-4909-bb69-51fde452c4f9



∨ Deployment details

∧ Next steps

[Go to resource](#)

Home > Tags >

Tags

Default Directory (aralidevopsoutlook.onmicro...

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](#)

Filter items...

Tags

Company : Contosso

Resources with tag Company : Contosso

Default Directory (aralidevopsoutlook.onmicrosoft.com)

Manage view

Refresh

Export to CSV

Open query

Assign tags

Filter for any field...

Subscription equals all

Type equals all

Add filter

0 Unsecure resources

0 Recommendations

Changed resources

No grouping

List view

| Name | Type | Resource group | Location | Subscription |
|-----------------------|-----------------|----------------|----------|----------------------|
| storageaccount2212173 | Storage account | lab9-rg | East US | Azure subscription 1 |

Home > Tags >

Tags

Default Directory (aralidevopsoutlook.onmicro...

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](#)

Filter items...

Tags

Company : Contosso

Resources with tag Company : Contosso

Default Directory (aralidevopsoutlook.onmicrosoft.com)

Manage view

Refresh

Export to CSV

Open query

Assign tags

Filter for any field...

Subscription equals all

Type equals all

Company equals all

Add filter

0 Unsecure resources

0 Recommendations

Changed resources

No grouping

List view

| Name | Type | Resource group | Location | Subscription |
|-----------------------|-----------------|----------------|----------|----------------------|
| storageaccount2212173 | Storage account | lab9-rg | East US | Azure subscription 1 |

Require a tag and its value on resources

Policy Assignment

Edit assignment

Delete assignment

Duplicate assignment

View compliance

View definition

Create exemption

Create remediation task

Essentials

Name

: Require a tag and its value on resources

Scope

: Azure subscription 1

Definition version (preview)

: 1.*

Excluded scopes

: --

Description

: --

Definition type

: Policy

Assignment ID

: /subscriptions/3ada6c5a-382c-44a7-9d9d-5775bdda4908/providers/microsoft.aut...

Policy enforcement

: Default

Assigned by

: --

Parameters (2)

Resource selectors (0)

Overrides (0)

Exemptions (0)

Remediations (0)

Search by parameter name

All types

| Parameter ID | Parameter name | Policy assignment parameter reference type |
|--------------|----------------|--|
| tagName | Tag Name | User defined parameter |
| tagValue | Tag Value | User defined parameter |

Delete assignment

Do you want to delete the policy assignment "Require a tag and its value on resources"?

Yes

No

Edit columns

Ensuring that the policy is no longer in effect by creating a storage account.

[Home](#) > [Storage accounts](#) >

Create a storage account ...

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 * | <div>Azure subscription 1</div> |
| Resource group * | <div>lab9-rg</div> <div>Create new</div> |

Instance details

| | |
|--------------------------|---|
| Storage account name * ⓘ | <div>storageaccount2212284</div> |
| Region * ⓘ | <div>(US) East US</div> <div>Deploy to an Azure Extended Zone</div> |
| Primary service ⓘ | <div>Select a primary service</div> |
| Performance * ⓘ | <div><input checked="" type="radio"/> Standard: Recommended for most scenarios (general-purpose v2 account)</div> <div><input type="radio"/> Premium: Recommended for scenarios that require low latency.</div> |
| Redundancy * ⓘ | <div>Locally-redundant storage (LRS)</div> |

Microsoft Azure

Upgrade

Search resources, services, and docs (G+)

Home > Storage accounts >

Create a storage account

BasicsAdvancedNetworkingData protectionEncryptionTagsReview + create

[View automation template](#)

Basics

| | |
|----------------------|---------------------------------|
| Subscription | Azure subscription 1 |
| Resource group | lab9-rg |
| Location | East US |
| Storage account name | storageaccount2212284 |
| Primary service | |
| Performance | Standard |
| Replication | Locally-redundant storage (LRS) |

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 |

PreviousNextCreate

https://portal.azure.com/#

Home >

storageaccount2212284_1744212305604 | Overview

Deployment

Search

DeleteCancelRedeployDownloadRefresh

Overview

Inputs

Outputs

Template

✓ Your deployment is complete

Deployment name: storageaccount2212284_1744212305604

Subscription: Azure subscription 1

Resource group: lab9-rg

Start time: 4/9/2025, 8:25:37 PM

Correlation ID: a0d40e53-0cd8-4957-83da-113a07ae9266

Deployment details

Next steps

Go to resource

Give feedback

Tell us about your experience with deployment

Cost Management

Get notified to stay within your budget and prevent unexpected charges on your bill.

Set up cost alerts >

Microsoft Defender for Cloud

Secure your apps and infrastructure

Go to Microsoft Defender for Cloud >

Free Microsoft tutorials

Start learning today >

Work with an expert

Azure experts are service provider partners