

## Lab 02b - Manage Governance via Azure Policy

Task 1: Create and assign tags via the Azure portal.

The screenshot shows the 'Create a resource group' page in the Microsoft Azure portal. The page is in the 'Review + create' tab, which is highlighted. The 'Basics' tab is also visible. The 'Tags' tab is not selected. The 'Automation Link' is shown as a blue link. The 'Basics' section contains the following information:

Subscription	Azure for Students
Resource group name	az104-rg2
Region	East US

The 'Tags' section contains the following information:

Cost Center	000
-------------	-----

The screenshot shows the 'az104-rg2' resource group page in the Microsoft Azure portal. The page is in the 'Resources' tab, which is highlighted. The 'Recommendations' tab is also visible. The 'Essentials' section is expanded, showing the 'Resources' tab. The 'Resources' section contains the following information:

Showing 0 to 0 of 0 records. ☐ Show hidden types ⓘ

Name ↑↓	Type ↑↓	Location ↑↓
---------	---------	-------------

## Task 2: Enforce tagging via an Azure Policy.

← ↻ 🔍 [https://portal.azure.com/#view/Microsoft\\_Azure\\_Policy/CreateEditAssignment.ReactView/isCreateMode~/true/assignMode...](https://portal.azure.com/#view/Microsoft_Azure_Policy/CreateEditAssignment.ReactView/isCreateMode~/true/assignMode...) Copilot Oleksandr Kozak IT 2022 НАЦІОНАЛЬНИЙ УНІВЕРСИТЕТ

Home > Policy | Definitions > Require a tag and its value on resources >

### Assign policy

Basics Parameters Remediation Non-compliance messages Review + create

**Basics**

Scope	Azure for Students/az104-rg2
Exclusions	--
Policy definition	Require a tag and its value on resources
Assignment name	Require Cost Center tag with Default value
Version (preview)	1.0.*
Description	Require Cost Center tag with default value for all resources in the resource group
Policy enforcement	Enabled
Assigned by	Олександр Козак

**Advanced**

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

**Parameters**

← ↻ 🔍 [https://portal.azure.com/#view/Microsoft\\_Azure\\_Policy/PolicyDetail.ReactView/id/%2Fproviders%2FMicrosoft.Authorization...](https://portal.azure.com/#view/Microsoft_Azure_Policy/PolicyDetail.ReactView/id/%2Fproviders%2FMicrosoft.Authorization...) Copilot Oleksandr Kozak IT 2022 НАЦІОНАЛЬНИЙ УНІВЕРСИТЕТ

Home > Policy | Definitions >

### Require a tag and its value on resources

Policy definition

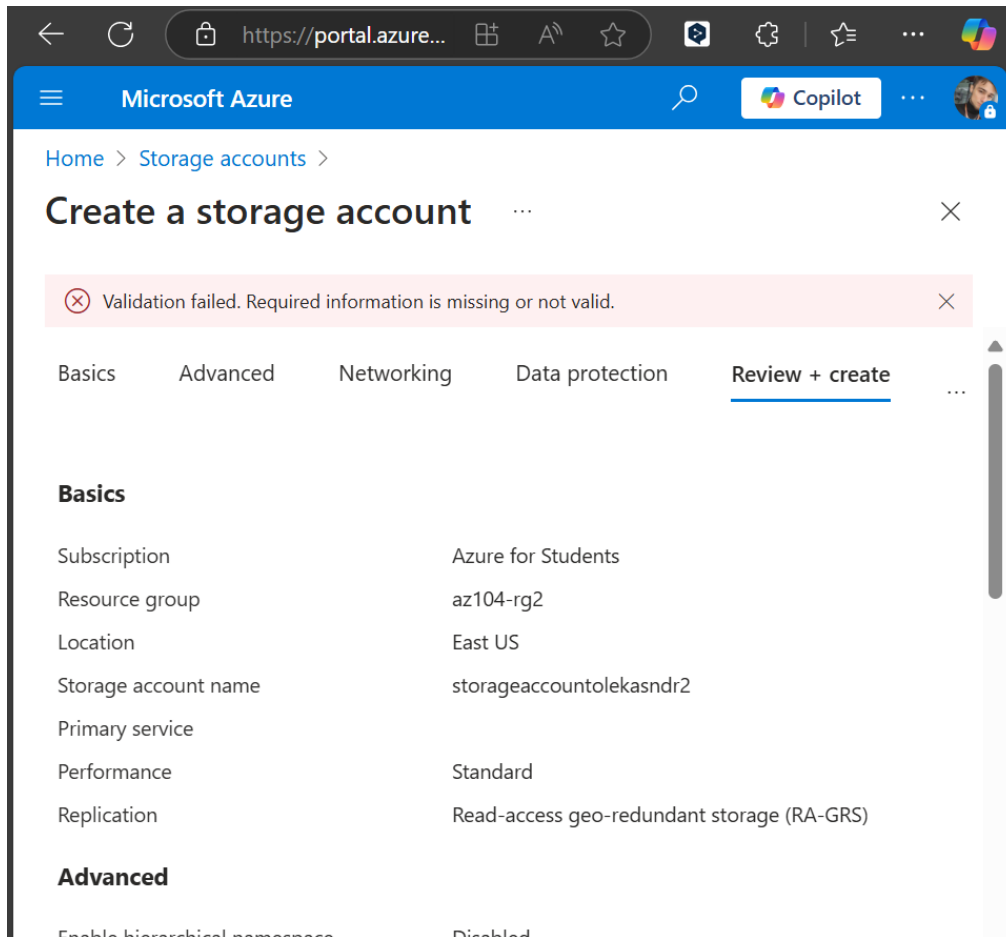
[Assign policy](#) [Edit definition](#) [Duplicate definition](#) [Select version \(preview\)](#) [Delete definition](#)

**Essentials**

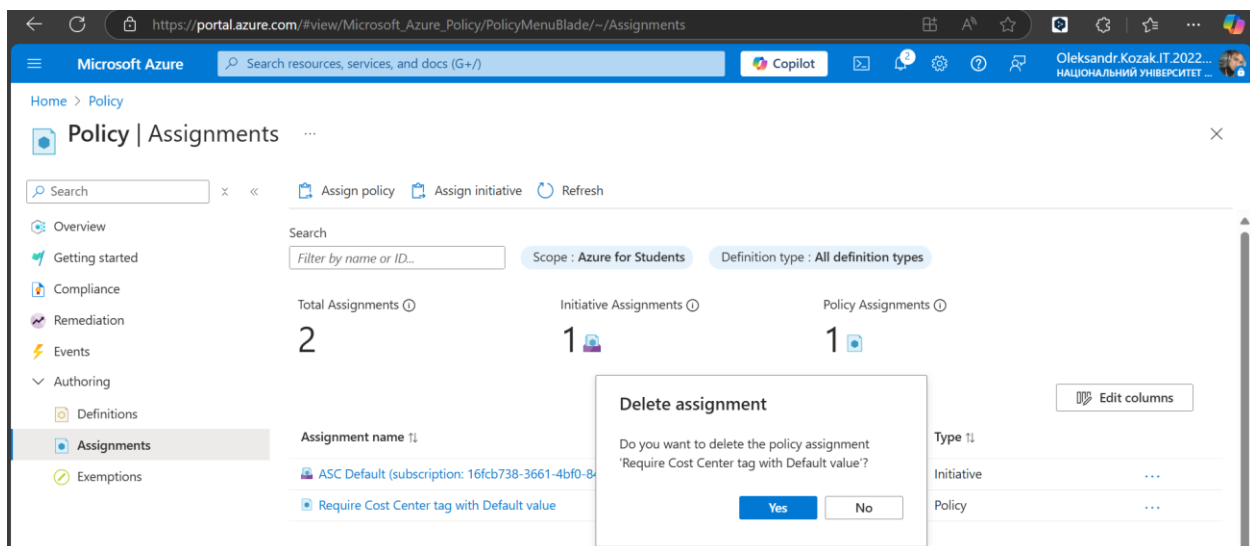
Name	: Require a tag and its value on resources	Definition location	: --
Version (preview)	: 1.0.1	Definition ID	: /providers/Microsoft.Authorization/policyDefinitions/1e30110a-5...
Description	: Enforces a required tag and its value. Does not apply to resource ...	Type	: Built-in
Available Effects	: Deny	Mode	: Indexed
Category	: Tags		

**Definition** Assignments (0) Parameters (2)

```
1 {
2   "properties": {
3     "displayName": "Require a tag and its value on resources",
4     "policyType": "BuiltIn",
5     "mode": "Indexed",
6     "description": "Enforces a required tag and its value. Does not apply to resource groups.",
7     "metadata": {
8       "version": "1.0.1",
9       "category": "Tags"
10    },
11    "version": "1.0.1",
12    "parameters": {
13      "tagName": {
```



### Task 3: Apply tagging via an Azure Policy.



Microsoft Azure

Search resources, services, and docs (G+)

Copilot

Oleksandr.Kozak.IT.2022...  
НАЦІОНАЛЬНИЙ УНІВЕРСИТЕТ ...

Home > Policy | Assignments >

## Assign policy

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

**Basics**

Scope	Azure for Students/az104-rg2
Exclusions	--
Policy definition	Inherit a tag from the resource group if missing
Assignment name	Inherit the Cost Center tag and its value 000 from the resource group if missing
Version (preview)	1.*
Description	Inherit the Cost Center tag and its value 000 from the resource group if missing
Policy enforcement	Enabled
Assigned by	Олександр Козак

**Advanced**

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

**Parameters**

Microsoft Azure

Search resources, services, and docs (G+)

Copilot

Oleksandr.Kozak.IT.2022...  
НАЦІОНАЛЬНИЙ УНІВЕРСИТЕТ ...

Home > Storage accounts >

## Create a storage account

Basics Advanced Networking Data protection Encryption Tags **Review + create**

[View automation template](#)

**Basics**

Subscription	Azure for Students
Resource group	az104-rg2
Location	East US
Storage account name	storageaccountoleksandr
Primary service	
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


Previous Next **Create**

[Give feedback](#)

← ↻ 🔒 https://portal.azure... 🗑️ 🔊 ⭐ ... 🏠 ⚙️ | ⭐ ... 👤

☰ Microsoft Azure 🔍 Copilot ... 👤

Home >

 **storageaccountoleksandr** ⚡ ⭐ ... ✕  
Storage account

⬆️ Upload 🗂️ Open in Explorer 🗑️ Delete ➡️ Move ▾ ↻ Refresh ...

⤴️ Essentials [JSON View](#)

Resource group ([move](#)) : [az104-rg2](#)

Location : eastus

Primary/Secondary Loc... : Primary: East US, Secondary: West US

Subscription ([move](#)) : [Azure for Students](#)

Subscription ID : 16fcb738-3661-4bf0-8442-5f3f16e61ad0

Disk state : Primary: Available, Secondary: Available

Performance : Standard

Replication : Read-access geo-redundant storage (RA-GRS)

Account kind : StorageV2 (general purpose v2)



Provisioning state : Succeeded

Created : 4/2/2025, 4:18:37 PM

Tags ([edit](#)) : Cost Center : 000

**Properties** Monitoring Capabilities (7) Recommendations (0) Tutorials

Tools + SDKs

 **Blob service**  **Security**

Hierarchical namespace Require secure transfer for REST API

Task 4: Configure and test resource locks.

Microsoft Azure

Search resources, services, and docs (G+)

Copilot

Oleksandr.Kozak.IT.2022...  
НАЦІОНАЛЬНИЙ УНІВЕРСИТЕТ ...

Home > Resource groups > az104-rg2

az104-rg2 | Locks

Resource group

Search

+ Add Refresh Feedback

Overview

Activity log

Access control (IAM)

Tags

Resource visualizer

Events

Settings

Lock name	Lock type	Scope	Notes
rg-lock	Delete	az104-rg2	<div>Edit Delete</div>

Microsoft Azure

Copilot

Oleksandr.Kozak.IT.2022...  
НАЦІОНАЛЬНИЙ УНІВЕРСИТЕТ ...

Home > Resource groups >

az104-rg2

Resource group

+ Create

Manage view

De

Essentials

Resources

Recommendations

Filter for any field...

Type equals all

Add filter

More (1)

Showing 1 to 1 of 1 records.

Show hidden types

No grouping

List view

Name	Type	Location
storageaccountoleksandr	Storage account	East US

Delete resource group az104-rg2 failed

The resource group az104-rg2 is locked and can't be deleted. Click here to manage locks for this resource group.

Help me troubleshoot