🏷️ Demo: Managing Azure Resource Tags

What are Azure Resource Tags?

Tags are name/value pairs you apply to Azure resources to organize and categorize them. For example:

- **Environment**: Production, Development, Test

- **Department**: Finance, HR, IT

- **Project**: ProjectX, Migration2025

Tags help with billing, automation, and management.

Demo Steps

Step 1: Sign in to Azure Portal

- Open portal.azure.com and log in.

Step 2: Navigate to a Resource

- Search for a resource (e.g., Virtual Machine, Storage Account).

- Select the resource you want to tag.

Step 3: Add or Edit Tags

- In the resource menu, find and click **Tags**.

- You will see fields to enter **Name** and **Value** pairs.

- Example:

  - Name: `Environment`

  - Value: `Development`

- Add multiple tags as needed.

- Click **Save** to apply the tags.

Step 4: Use Tags for Filtering and Reporting

- Go to the **All resources** blade.

- Use the **Filter** option to filter resources by tag name and value.

- Tags can also be used in **Cost Management** to analyze spending by environment, department, or project.

Step 5: Automate with Tags (Optional)

- Use Azure Policy to enforce mandatory tags on resources.

- Use tags in automation scripts to manage resources by category.

Summary

- Tags help you organize resources beyond the subscription/resource group structure.

- They improve resource management, cost allocation, and automation.

- Always use a consistent tagging strategy across your Azure environment.