

## Using Microsoft Azure Tags

Cost Center : 001
Environment : Test
Owner : Alexander Nassl
Team : IT-Operations
  
Purpose : Virtual Machines (VMM's)
Project : Microsoft Dynamics365

### Why to use Tags in Microsoft Azure?

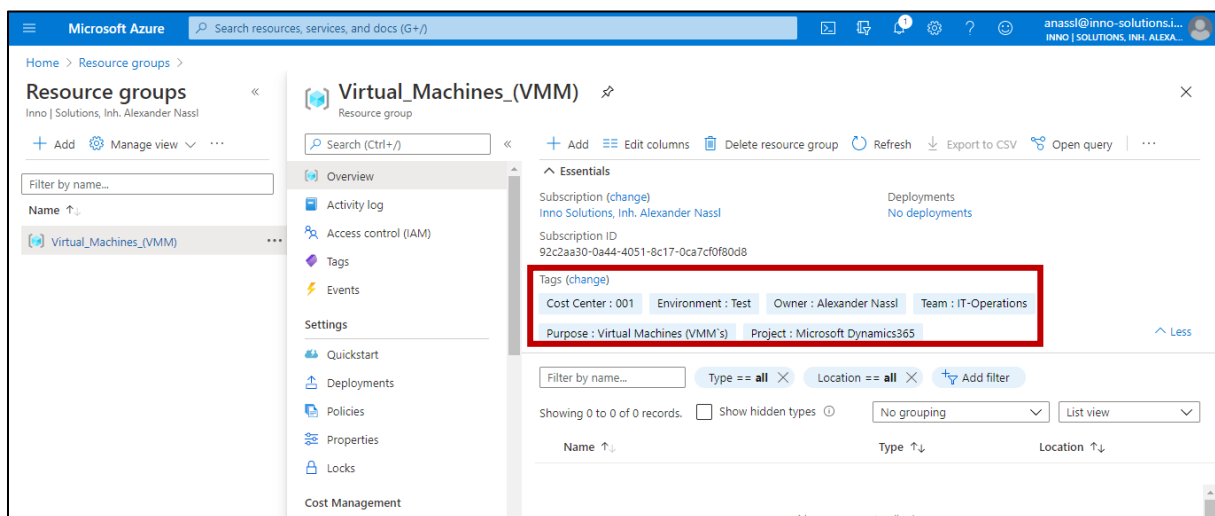
Tags in Microsoft Azure are helpful to know and administrate all used resources, resource groups and abonnements inside a company through a multidimensional relation. Administrators get a better understanding of the used products and can create a more effective cost control for the implemented apps.

### What are Tags?

Tags in Microsoft Azure are combinations of names and values. One name therefore belongs to one value and one resource, resource group and abonnement can have more than one Tag. The name can include 512 characters and the value can include 256 characters.

The following example describes a possible Tag for a Azure resource, resource group or abonnement:

Number	Name	Value
01	Cost Center	001
02	Environment	Test
03	Owner	Alexander Nassl
04	Project	Microsoft Dynamics 365
05	Team	IT Operations



### **When to use Tags in Microsoft Azure?**

The „when“ depends on the expected benefit. The benefit derives from the objective. The tags can replace expensive group structures or hierarchies and are similar to a multidimensional relationship. This could facilitate the reporting.

If you for example want to know which resources cause costs in your Azure organization you can assign the Tag „Cost Center“ or similar. To get more information you can additionally add the type of cost, department or something else.

The evaluation is almost limitless because of the free text fields.

### **How to use Tags in Microsoft Azure?**

Tags are assigned to resources in Microsoft Azure. Tags are defined to get queried. The query gives information of the needed data and is executed through Microsoft Powershell or Microsoft Azure Automation. The output is the needed report/data.

### **What is the added value?**

The added value is an optimized administration and leads to a better organized system and understanding of the resources in a organization.

### **What is the risk?**

The tagging presuppose a meticulously data entrance. If the tags are not set precisely through the user, a confused reporting can be enter into the Azure Administration.