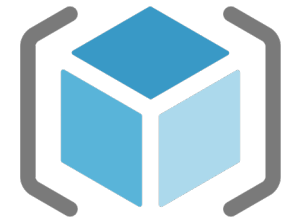


Microsoft Azure Fundamentals
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Resource Groups Fundamentals 101

Resource Groups Overview

- ❑ Resource Groups - logical containers for resources deployed on Azure
- ❑ All deployed resources (Azure services) are part of a single resource group and can be moved between RGs later on
- ❑ BTW, resources in a RG can be deployed in different Azure regions, no restriction here
- ❑ In simple terms, we use RGs to better manage and organize our resources in Azure



Resource Group

Resource Groups Location – Why ?

- ❑ Why do we need to specify a location when we create a resource group ?
- ❑ Resources in a RG can be part of any region, but RGs are tied to a specific region
- ❑ It's about metadata of the resources, which has to be stored in a location

Create a resource group

[Basics](#) [Tags](#) [Review + create](#)

Resource group - A container that holds related resources for an Azure solution. The resource group can include all the resources for the solution, or only those resources that you want to manage as a group. You decide how you want to allocate resources to resource groups based on what makes the most sense for your organization. [Learn more](#)

Project details

Subscription * ⓘ

Pay-As-You-Go

Resource group * ⓘ

New-Resource-Group

Resource details

Region * ⓘ

(Europe) North Europe

Resource Groups Naming Convention

- ❑ Consistent Naming Convention for RGs
 - ❑ What it is used for ?
 - ❑ Types of resources in container ?
 - ❑ Type of the resource itself
- ❑ Example: ProjectAlpha-WebVMs-RG
- ❑ Another option is <Resource><Subscription Type><Region>
 - ❑ VNET-Shared01-WestUS
- ❑ <http://bit.ly/Microsoft-RG-NamingConvention>

Resource Groups – Organizing Principles

- ❑ We can organize resources in many ways:
 - ❑ By environment: RG-Prod, RG-Dev/Ops, RG-Testing
 - ❑ By resource type: RG-VMs, RG-Storage, RG-VNETs
 - ❑ By department: RG-IT, RG-Marketing, RG-HR
 - ❑ By admin type: RG-Owner, RG-Contributor, RG-Reader
 - ❑ By lifecycle: RG-Project1, RG-Project2
 - ❑ Billing reports purposes
- ❑ Takeaway – invest time before starting your work in Azure, in order to define a clear, straightforward structure; lots of options exist, leverage Azure flexibility in your advantage

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Thank you