* Resources are instances of Azure services.
* Example: Virtual Machines, App Services, Storage Accounts, SQL Databases and Function Apps etc.
* There are hundreds of Azure services.
* Check for all the services <https://portal.azure.com/#allservices>

Resource-Group

* It is a group of Azure resources.
* Resources are Virtual machines, App Services, Storage Accounts and SQL Databases etc.
* It’s a logical container for grouping related resources.
* An Azure resource is a service instance .Example –Virtual machine, Azure SQL Database , Storage Account etc.
* A resource group is a group of azure resources
* Resources in the resource group share the same life cycle.
* Resource group Meta data is stored in the region that is specified at the time of resource group creation.
* The resources themselves can be in any Azure region.
* Resources can interact with resources in other resource groups.
* Each resource must be in one and only one resource group.
* You can move a resource group from on resource group to another.
* You can add or remove a resource from a resource group at any time.
* You can group resources any way you want. By department, by country, By Application, by resource type or a combination of these.

Resource-Group Benefits

* Administration much easier
* Cost management is easier
* Role based access control(RBAC)