## Azure account

* An azure account is a global unique entity that gets access to Azure Services and your Azure subscriptions.
* You can create **multiple subscriptions** in your Azure account to create separation e.g., for billing or management purposes in response groups.

## Subscription

* A subscription is a logical grouping of azure services that is linked to azure account.
* This helpful in management and billing purposes.
* The subscription is an agreement between you and Microsoft which allows you to use Azure Services and resources like virtual machines, databases, storage, networking, AI services etc.
* Within the subscription you can organize resources further using Resource groups.
* Azure subscription is also associated with Azure Active Directory (Azure AD)

## Resource groups

* A resource group is a logical container for resources that share similar life cycle, permissions, and policies.
* Resources can be provisioned, updated, and deleted based on requirements.
* RG also stores metadata about the resources.
* Location of resource group – place where data of resources will be saved. For compliance you need to specify specific locations.
* Moving resources from 1 RG to another RG
* Locking resource groups – Locking prevents others to accidentally delete or modify critical things in azure like azure subscriptions, resource groups and resources.

## Azure Active Directory (AAD)

* Azure Active Directory is a cloud-based identity provider + access management service.
* AAD use case where it is used:
  + User – outlook etc
  + Office 365/ Microsoft 365
  + Azure portal