**Azure Virtualization**

**Virtualization**

* Emulation of physical machines
* Different virtual hardware configuration per machine/app
* Different operating systems per machine/app
* Total separation of environments
  + file systems,
  + services,
  + ports,
  + middleware,
  + configuration

**Virtual Machine**

* Infrastructure as a Service (**IaaS**)
* Total control over the operating system and the software
* Supports marketplace and custom images
* Best suited for
  + Custom software requiring custom system configuration
  + Lift-and-shift scenarios
* Can run any application/scenario
  + web apps & web services,
  + databases,
  + desktop applications,
  + jumpboxes,
  + gateways, etc.