Virtual Machines

1. Why you need a VM ?. Why not use the services ?
   1. Azure offers almost all the services that you require through PaaS.
      1. You’ll have a web App for hosting Wed Applications/APIs
      2. You’ll have Azure Functions, Azure Batch Jobs for Backend Jobs
      3. You’ll have storage accounts for storing and retrieving data
      4. You’ll have Redis Cache as a service for caching data
   2. Why you need a VM ?
      1. PaaS is slightly costly as Microsoft is managing it
      2. You’ll have control over Patching the VM that’s used for your Storage Account
      3. May be that might comply with your company’s security policy
2. Components in a VM
   1. Image – There are some Images that you can select from while creating a VM. Ex: Windows Datacenter 2016 R2, Windows with VisualStudio etc.,
   2. CPU and Memory – you can Select from the options available
   3. Network - Networking components
   4. Storage – you can select the storage from the options provided. SSD/HDD
3. Creating a VM
   1. As you know already, VM is a resource