AZURE 900 CLOUD FUNDAMENTALS

Microsoft Certification AZ-900: Azure Compute Services

AZURE COMPUTE SERVICES

PaaS

- Auto-Scale
- Secure
- Compliant

APP SERVICES

- Build, deploy and scale enterprise-grade web, mobile and API apps on any platform

Saas

- Event triggered via REST requests
- Time or message triggered

FUCTIONS

- Serverless apps
- Bring your own code

IaaS

- Total control over Operating system & application environment
- VM can be stopped, but storage costs apply for data on VMs
- Downtime when a datacenter fails, thus link to regions or availability zones

VIRTUAL MACHINES

- Virtual computer or server in the cloud

VM Scale Set

- Two or more identical VMs
- Auto-scale
- Does not provide availability for datacenter failure

Manage

- Manage and automate creation with Azure Resource Manager
- Via the Azure portal with templates or scripting tools (Azure PowerShell/CloudShell or CLI)
- Use virtual network gateway for network communication