

# Azure AZ-900

## Describe the Benefits of Cloud Services

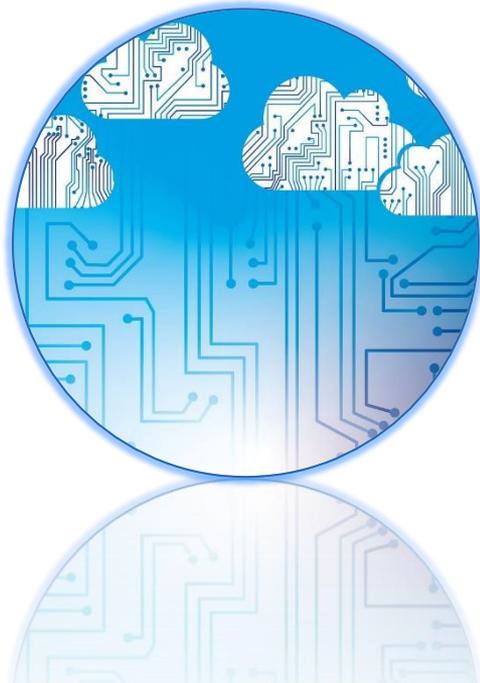
- High Availability and Scalability in the Cloud
- Reliability and Predictability in the Cloud

# High Availability



- ✓ Limit downtime to improve user experience
- ✓ Design and build systems that can withstand outages
- ✓ Cloud computing supports high availability

# Scalability



- ✓ Ability to scale based on demand, anticipated demand, or by schedule
- ✓ Elasticity provides the ability to automatically scaling up or down based on demand
- ✓ Scale vertically (up), increase capacity by adding RAM or CPU to virtual machines
- ✓ Scale horizontally (out), increase capacity by adding additional instances of a resource

# Reliability & Predictability

- Platform to design reliable applications and services
- 220 datacenters
- Over 60 regions
- 165,000 miles of fibre optic cable
- Azure services backed by a Service Level Agreement (SLA)



# Reliability & Predictability

- Performance and availability based on SLA's
- Published pricing data, no surprise costs
- Categorize expense by subscription, groups of services or individual services with tags

