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Exam AZ-900: Microsoft Azure Fundamentals

Audience Profile: Candidates for this exam should have foundational knowledge of cloud services and how those services are provided with Microsoft Azure. Azure Fundamentals exam is an opportunity to prove knowledge of cloud concepts, core Azure services, Azure pricing, SLA, and lifecycle, and the fundamentals of cloud security, privacy, compliance, and trust. This exam is intended for people beginning to work with cloud-based solutions and services. Candidates should be able to demonstrate a fundamental knowledge of cloud concepts, as well as Azure services, workloads, security, privacy, pricing, and support. In addition, you should be familiar with concepts of networking, storage, compute, application support, and application development. Azure Fundamentals can be used to prepare for other Azure role-based or specialty certifications, but it is not a prerequisite for any of them.

Skills Measured

NOTE: The bullets that appear below each of the skills measured are intended to illustrate how we are assessing that skill. This list is not definitive or exhaustive.

NOTE: In most cases, exams do NOT cover preview features, and some features will only be added to an exam when they are GA (General Availability).

Objective Domain

1. Describe Cloud Concepts (15-20%)

- 1.1 Describe the benefits and considerations of using cloud services
- 1.2 Describe the differences between Infrastructure-as-a-Service (IaaS), Platform-as-a-Service (PaaS) and Software-as-a-Service (SaaS)
- 1.3 Describe the differences between Public, Private and Hybrid cloud models

2. Describe Core Azure Services (30-35%)

- 2.1 Describe the core Azure architectural components
- 2.2 Describe some of the core products available in Azure
- 2.3 Describe some of the solutions available on Azure
- 2.4 Describe Azure management tools



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3. Describe Security, Privacy, Compliance, and Trust (25-30%)

- 3.1 Describe securing network connectivity in Azure
- 3.2 Describe security tools and features of Azure
- 3.3 Describe Azure governance methodologies
- 3.4 Describe monitoring and reporting options in Azure
- 3.5 Describe privacy, compliance and data protection standards in Azure

4. Describe Azure Pricing, Service Level Agreements, and Lifecycles (20- 25%)

- 4.1 Describe Azure subscriptions
- 4.2 Describe planning and management of costs
- 4.3 Describe Azure Service Level Agreements (SLAs)
- 4.4 Describe service lifecycle in Azure