

## Dell Cloud Infrastructure and Services Foundations 2023

### Certification Description



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#### Certification Overview

This certification benefits anyone who needs to design and manage cloud services or architect cloud infrastructure to host the services. The certification supports the skills needed to successfully work within organizations undergoing digital and IT transformations

#### Certification Requirements

To successfully complete this certification, a candidate must:

1. Have a sufficient knowledgebase/skill set through hands-on product experience and/or by consuming the recommended training.
2. Pass the Dell Cloud Infrastructure and Services Foundations 2023 exam.

Note: These details reflect certification requirements as of February 3, 2024

The Proven Professional Program periodically updates Certifications to reflect technical currency and relevance. Please check the Proven Professional website regularly for the latest information.

[Dell Technologies Partners](#): Achieving a certification validates capability; however, it does not imply authorization to deliver services. Services Competencies provide partners with the ability to deliver services under their own brand or co-deliver with Dell Technologies. Tiered partners are eligible to obtain Services Competencies upon completing the specific requirements outlined in the [Services Competencies Matrix](#). Only partners that have met these requirements should be delivering their own services in lieu of Dell Technologies Services.

## Exam Overview

This exam focuses on building cloud infrastructure based on a cloud computing reference model. It includes various aspects of cloud such as applications, cloud services and orchestration, modern infrastructure (physical, virtual, and software-defined infrastructure), business continuity, security, and service management that are essential for building a cloud infrastructure. This exam also focuses on the comprising technologies, components, processes, and mechanisms for each of these functions. A limited number of questions refer to product examples that are used in the training to reinforce the knowledge of technologies and concepts.

## Exam Topics

Topics likely to be covered on this exam include:

### Digital Transformation, Cloud Computing Reference Architecture, and Introduction to Cloud Computing (9%)

- Describe digital transformation, business and IT challenges, IT transformation key focus areas, and enablers of digital transformation
- Describe essential characteristics of cloud computing, cloud service models, and cloud deployment models
- Describe cloud reference architecture

### Application, Cloud Services, Orchestration, and Modern Infrastructure (32%)

- Describe the need for application transformation, approaches of application transformation, and characteristics of modern applications
- Explain cloud service functions, portal, service lifecycle, automation, and orchestration
- Distinguish between physical, virtual, and software-defined infrastructure, and infrastructure deployment options

### Cloud Security and Business Continuity (37%)

- Describe security threats and security control mechanisms
- Explain the role of GRC
- Describe business continuity and fault tolerance mechanisms
- Describe data protection solutions

### Cloud Service Management and IT Transformation (22%)

- Summarize service management functions, cloud service portfolio, and operation management
- Describe the key focus areas of transforming IT

The percentages after each topic above reflects the approximate distribution of the total question set across the exam.

## Duration

90 minutes

## Recommended Training

The following training is recommended for candidates preparing to take this exam.

Course Title	Course Number	Mode	Available
Cloud Infrastructure and Services v4	ESDTFD00629	On-Demand Course-Self Paced	7/22/2022
Cloud Infrastructure and Services v4	ESDTFS00270	Classroom/ Virtual Classroom	7/22/2022
Cloud Infrastructure and Services v4	ESDTFP04447	Private Classroom	7/22/2022

Note: These exam description details reflect contents as of February 3, 2024.

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