

## Dell Cloud Infrastructure and Services Foundations v2 Exam

### Certification Description



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#### Overview

This exam focuses on various aspects of cloud such as applications, cloud services and orchestration, modern infrastructure, business continuity, security, and service management that are essential for building a cloud infrastructure. This exam also covers the concepts of cloud and its related technologies with key product examples to reinforce the knowledge of technology and concepts.

#### 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 v2 Exam

Note: These details reflect certification requirements as of date [exam goes live](#)

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

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## Exam Overview

The Cloud Infrastructure services exam is a certification exam that tests an individual's knowledge and skills in designing, deploying, and managing cloud infrastructure services.

## Duration

- 90 min

## Products

Products likely to be referred to on this exam include but are not limited to:

- Dell EMC VxRail,
- Dell EMC VxFlex,
- Dell EMC PowerEdge MX

## Exam Topics

Topics likely to be covered on this exam include:

### **Digital Transformation, Cloud Computing Reference Architecture, and Introduction to Cloud Computing (16%)**

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

### **Application, Cloud Services, Orchestration, and Modern Infrastructure (28%)**

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

### **Cloud Security and Business Continuity (42%)**

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

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### Cloud Service Management and IT Transformation (14%)

- Plan and design cloud services.
- Summarize cloud service portfolio.
- Summarize operation management.
- Describe the key focus areas of transforming IT.

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

### Recommended Training

The following courses are recommended for candidates preparing to take this achievement.

Course Title	Course Number	Mode
Cloud infrastructure and Services v4	ESDTFD00629	OnDemand
Information Storage and Management v5	ESOCMS03293	OnDemand

Note: These exam description details reflect contents as of date [exam goes live](#)

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