

Specialist - Cloud Architect, Cloud Infrastructure Version 3.0

Certification Description



[Proven Professional Website](#)

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Certification Overview

Successfully obtaining this certification enables and validates the candidate's ability to effectively design a cloud infrastructure that supports multiple types of services. The certification supports the skills needed to successfully work within organizations undergoing digital and IT Transformations.

Certification Requirements

To complete the requirements for this certification you must:

1. Achieve one of the following Associate level certifications:
 - Associate - Information Storage and Management Version 2.0
 - Associate - Information Storage and Management Version 3.0
 - Associate - Cloud Infrastructure and Services 2.0
 - Associate - Cloud Infrastructure and Services 3.0
 - Specialist - Cloud Architect, Cloud Infrastructure Specialist Version 2.0
2. Pass the following Specialist exam on or after December 14, 2018:
 - [DES-2T13 Specialist – Cloud Architect, Cloud Infrastructure Exam](#)

Note: These details reflect certification requirements as of **December 14, 2018**.

The Proven Professional Program periodically updates certification requirements. *Please check the [Proven Professional CertTracker](#) website regularly for the latest information and for other options to meet the Associate level requirement.

Other Certification Recommendations

Once you have achieved this Certification you may be interested in:

- [Expert - Cloud Architect, Cloud Services Version 2.0](#)
- [Master - Enterprise Architect](#)

Dell Inc.
Hopkinton
Massachusetts
01748-9103
1-508-435-1000
In North America
1-866-464-7381

DES-2T13 Specialist – Cloud Architect, Cloud Infrastructure Exam

Exam Description



Overview

This exam is a qualifying exam for the **Specialist - Cloud Architect, Cloud Infrastructure (DECS-CA)** track.

This exam focuses on knowledge and skills to successfully design a cloud infrastructure that supports multiple types of services. It tests the ability of data center technology professionals to design robust cloud based infrastructure incorporating components such as cloud management, consumer resources, elasticity, metering, hybrid capabilities, and disaster recovery.

Dell Technologies provides free practice tests to assess your knowledge in preparation for the exam. Practice tests allow you to become familiar with the topics and question types you will find on the proctored exam. Your results on a practice test offer one indication of how prepared you are for the proctored exam and can highlight topics on which you need to study and train further. A passing score on the practice test does not guarantee a passing score on the certification exam.

Duration

90 Minutes
(60 Questions)

Pass Score: 63

Practice Test

Exam – [DES-2T13](#)

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Exam Topics

Topics likely to be covered on this exam include:

Introduction to Cloud Design and Design Parameters (10%)

- Describe digital business imperatives, cloud concepts, cloud infrastructure design approaches and goals
- Describe cloud solutions design project lifecycle phases
- Describe cloud reference architecture and various cloud design considerations for compute, storage, network, CMP, hybrid and multicloud, and application platform and PaaS solution

Data Collection and Analysis (12%)

- Describe data collection process, metrics, and tools
- Describe analysis process, business value analysis, and design best practices

Architecting a Do-It-Yourself Solution (25%)

- Explain the benefits, challenges, and considerations for designing various compute technologies in a cloud infrastructure
- Explain the benefits, challenges, and considerations for designing various network technologies in a cloud infrastructure
- Explain the benefits, challenges, and considerations for designing various storage technologies in a cloud infrastructure

Architecting a CI / HCI Solution (18%)

- Explain design decisions and considerations for converged infrastructure

- Explain design decisions and considerations for hyper-converged and cloud in a box infrastructure

Cloud Management Platform (10%)

- Describe the key functions of a CMP, CMP reference architecture, and CMP infrastructure
- Describe the key requirements and considerations for designing CMP solutions

Hybrid Cloud and Multi Cloud (15%)

- Describe the design considerations for hybrid cloud and multicloud
- Explain disaster recovery considerations

Application Development and Deployment Platform (10%)

- Describe the application development and deployment environment and its requirements
- Explain the design considerations of Do-It-Yourself and Packaged PaaS solutions

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

Recommended Training

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

Please complete one of the following courses

Course Title	Course Number	Mode	Available
Cloud Infrastructure Planning and Design v2 – On Demand Course	ES732OCMCIPD2	On-Demand	11/12/18

Note: These exam description details reflect contents as of **December 14, 2018**.

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