

# CompTIA Cloud Essentials+

## What is it?

CompTIA Cloud Essentials+ is for both IT and non-technical professionals who require the essential business acumen needed to make informed cloud service decisions.

## Why is it different?

CompTIA Cloud Essentials+ is the only internationally recognized, vendor-neutral certification utilizing key business principles and fundamental cloud concepts that validate data-driven cloud recommendations. It stands alone in this field by demonstrating that all necessary staff members—not just the IT specialists—understand how to increase efficiency, manage costs, and reduce security risks for organizations whenever tasked with making current cloud technology decisions.

## About the exam

Business analysts and IT pros alike are consistently called upon to assist their organization in determining which cloud service provider(s) to use, what to migrate to the cloud, and when to implement. Collecting and analyzing cloud products and services information is essential when making operational cloud business decisions. The financial and operational impacts covered by Cloud Essentials+ ensure an ability to develop and implement solid cloud strategies. CompTIA Cloud Essentials+ will show that successful candidates:

- Have the knowledge and understanding of the foundational business and technical components included in a cloud assessment
- Understand specific security concerns and measures
- Comprehend new technology concepts, solutions, and benefits to an organization



### Exam #

CLO-002

### Release Date

November 2019

### Languages

English

### CE Required?





No

### Accreditation

ANSI/ISO 17024 Standard is followed in the exam development process, but the exam is not accredited.

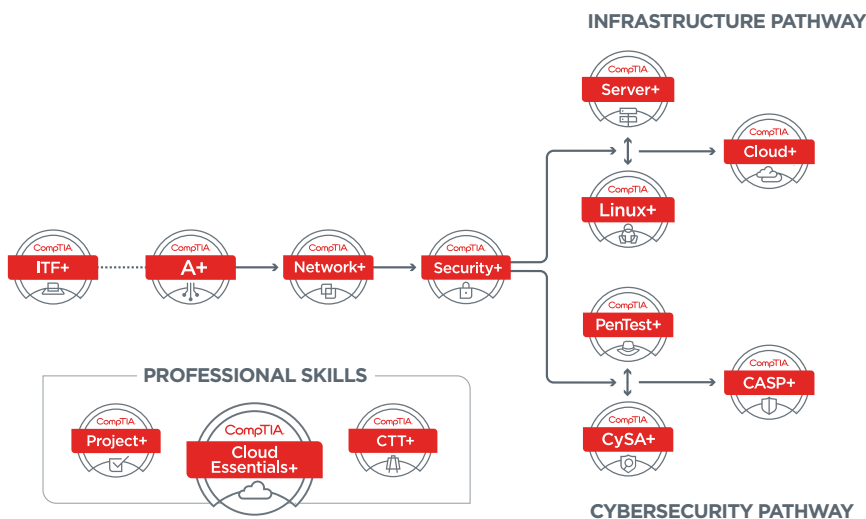
## How does Cloud Essentials+ Compare to Vendor-Specific Certifications?

CompTIA Cloud Essentials+ is the only foundational, vendor-neutral cloud business certification in the market. We recommended obtaining Cloud Essentials+ certification before vendor-specific cloud solutions certifications to ensure the basic principles of business decisions within a cloud environment are well-understood. Earning Cloud Essentials+ demonstrates a readiness for management-level positions while ensuring an understanding of the fundamental approach to cloud computing, as well as the business impact of migrating and governing in the cloud.

				
<b>Certification</b>	<b>Cloud Essentials+</b>	<b>AWS Certified Cloud Practitioner</b>	<b>MTA Cloud Fundamentals</b>	<b>Azure Fundamentals</b>
<b>Exam Length</b>	1 exam, 75 min	1 exam, 90 min	1 exam, 50 min	1 exam, 85 min
<b>Experience Level</b>	Entry	Entry	Entry	Entry
<b>Exam Focus</b>	Foundational business assessments for cloud services.	Covers basic familiarity of AWS cloud technology, value proposition, pricing, and billing	Covers fundamental knowledge of and basic skills using Microsoft cloud services	Covers cloud concepts at a foundational level, with the focus on Azure
<b>Pre-requisites</b>	None; Recommended between six - twelve months business analyst experience in an IT environment with exposure to cloud technologies	At least six months of experience with AWS in any role, and a basic understanding of IT services and their uses in the AWS Cloud platform	None	None

## CompTIA Certification Pathway

Business acumen represents one of the largest skills gaps for IT pros. CompTIA Cloud Essentials+ empowers candidates to make data-driven cloud recommendations by using key skills to evaluate business use cases, financial impacts, cloud technologies and deployment models. CompTIA certifications align with the skillsets needed to build and advance a career in IT, making Cloud Essentials+ an excellent fit at any point within the pathway.



## Top Cloud Essentials+ Job Roles

- Business Analysts
- Business Process Owners
- Sales and Marketing Staff in cloud product or service management
- Managed Service Provider Personnel
- New Data Center Staff
- Technical Support Staff

## Technical Areas Covered in the Certification

### Cloud Concepts 24%

- Explain cloud principles, such as the different service and deployment models
- Identify cloud networking concepts and cloud storage technologies
- Summarize important aspects of cloud design, including redundancy, high availability, and disaster recovery

### Business Principles of Cloud Environments 28%

- Identify and employ appropriate cloud assessments, which may include topics like feasibility studies, benchmarking, or gap analysis
- Summarize financial aspects of engaging with a cloud provider around contracts, billing, or expenditures
- Highlight key business aspects of cloud vendor relation adoption
- Identify benefits and solutions of using cloud services, including IoT, Blockchain, and Big Data
- Compare and contrast cloud migration approaches, such as hybrid or phased

### Management and Technical Operations 26%

- Explain aspects of operating in the cloud, such as data management or optimization
- Understand the role of DevOps in cloud environments, like API integration or provisioning
- Ability to review and report on financial expenditures related to cloud resources

### Governance, Risk, Compliance, and Security for the Cloud 22%

- Comprehend risk management and response concepts related to cloud services
- Explain standard policies and procedures
- Identify the importance and impacts of compliance in the cloud, such as regulatory concerns and international standards
- Explain security concerns, measures, or concepts of cloud operations, including different types of threats or various security assessments

## Organizations that recommend Cloud Essentials+

- Konica Minolta
- U.S. Department of State
- Pareto Law

## Research and Statistics

### Skills Gap

The #1 concern of today's organizations regarding their IT Pros is, a lack of business acumen.<sup>1</sup> Cloud Essentials+ helps to fill this unmet need in the market.

### Growing Priority

With more than 90% of all companies having moved at least some work to the cloud, now more than ever organizations need decision makers, analysts and process owners who understand vital cloud principles from a business and operations perspective.

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## Learn with CompTIA

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*Whether you are just starting to prepare and need comprehensive training with CertMaster Learn, need a final review with CertMaster Practice, or need to renew your certification upon expiration with CertMaster CE, CertMaster's online training tools have you covered.*

## \* What does it mean to be a "high stakes" exam?

An extraordinarily high level of rigor is employed in developing CompTIA certifications. Each question created for a CompTIA exam undergoes multiple layers of quality assurance and thorough psychometric statistical validation, ensuring CompTIA exams are highly representative of knowledge, skills and abilities required of real job roles. This is why CompTIA certifications are a requirement for many professionals working in technology. Hiring managers and candidates alike can be confident that passing a CompTIA certification exam means competence on the job. This is also how CompTIA certifications earn the ANSI/ISO 17024 accreditation, the standard for personnel certification programs. Over 1.3 million CompTIA ISO/ANSI-accredited exams have been delivered since January 1, 2011

## \* What does it mean to be a "vendor-neutral" exam?

All CompTIA certification exams are vendor-neutral. This means each exam covers multiple technologies, without confining the candidate to any one platform. Vendor-neutrality is important because it ensures IT professionals can perform important job tasks in any technology environment. IT professionals with vendor-neutral certifications can consider multiple solutions in their approach to problem-solving, making them more flexible and adaptable than those with training in just one technology

1. <https://qz.com/work/1558326/the-largest-skills-gap-in-it-workers-is-business-acumen>