

Cloud Services Management (CSM)

ID CSM Prix US \$ 3 000,- (Hors Taxe) Durée 5 jours

A qui s'adresse cette formation

This course is intended for technical leaders such as cloud engineers, infrastructure administrators, or software developers as well as business leaders who need to manage cloud services. Typical learners would include:

- IT professionals looking to better understand cloud computing
- IT professionals responsible for architecting and managing cloud services
- Students and business professionals looking to pursue a career in cloud computing

Pré-requis

To successfully complete and gain the maximum benefits from this course, the learner should have the prerequisite knowledge provided in the Cloud Infrastructure and Services v3 course or similar work experience.

For students seeking the Proven Professional expert-level certification, the learners should also be familiar with the Cloud Infrastructure Planning and Design v2 content as well as earn the related associate and specialist certifications.

Objectifs

Upon successful completion of this course, participants should be able to:

- Provide an overview of cloud services planning and design
- Explain the cloud services lifecycle and its phases
- Explain financial planning related to cloud services
- Describe how to build a cloud-native organization
- Explain culture transformation goals
- Describe cloud roles and responsibilities
- Explain the role of governance planning in cloud environments
- Differentiate between hybrid and multi-cloud
- Explain multi-cloud integration challenges and best practices

- List the factors to consider while choosing a cloud service provider
- Describe the role of cloud service brokerage in a multi-cloud environment
- Explain the key security threats and solutions in a multi-cloud environment
- Explain the importance of a multi-cloud management platform
- Describe the differences between traditional and digital IT
- Explain a cloud operating model and how it is influenced by Agile and DevOps principles
- Describe the importance of a product-based cloud application development approach for cloud services
- Explain infrastructure as code and how it differs from traditional automation
- Explain the benefits of value stream mapping
- Identify the applications for modernization
- Explain the options to modernize applications
- Explain cloud-native strategy
- Describe the confluence of DevOps and application lifecycle
- Explain best practices to implement CI/CD, and version control system
- Describe the importance of containers, microservices, Container as a Service
- Explain cloud native platform deployment options
- Describe the evolution of business resiliency
- Explain resiliency maturity
- Explain business resiliency capabilities along with its considerations

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Cloud Services Lifecycle and Management

- Planning and Design Considerations
- Lifecycle and Management Considerations
- Financial Planning

Workforce Transformation for Cloud Services

- Modern cloud approaches
- Cultural transformation
- Governance planning
- Risk management for cloud services
- Security for cloud services

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Multi-Cloud Strategy for Cloud Services

- Introduction to multi-cloud strategy
- Multi-cloud considerations and best practices
- Traditional IT versus Digital IT
- Agile
- DevOps
- CI/CD
- Product Development
- Infrastructure as Code
- Value Stream Mapping
- Identifying applications for modernization
- Application modernization options
- Cloud-native approach

Business Resiliency for Cloud Services

- Business Resiliency Overview
- Business Resiliency Capabilities and Considerations

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Centres de formation dans le monde entier



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