Global Skill Development Council

Cloud Computing Foundation Certification

The GSDC Cloud Computing Foundation Certification (CCF) is a reputable certification that validates an individual's knowledge and skills in the core concepts of cloud computing.

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ABOUT CERTIFICATION

Designed for professionals looking to enhance their understanding of cloud computing and its applications, the Cloud Computing Certification serves as a testament to their expertise in the field. The certification exam, provided by GSDC, assesses candidates' comprehension of key topics such as virtualization, service models, deployment models, and security considerations in cloud computing.

The Cloud Computing Foundation Certification exam evaluates candidates' ability to apply cloud computing principles to practical scenarios, covering important areas such as cloud service models (SaaS, PaaS, and IaaS), cloud deployment models (public, private, and hybrid clouds), virtualization technologies, and cloud security considerations.

As a recognized standard among employers and organizations, the CCF certification provides assurance that certified individuals possess the necessary knowledge to contribute effectively to cloud computing initiatives.

OBJECTIVES

Clear understanding of:

1. Develop a solid understanding of the core concepts and components of cloud computing.
2. Acquire knowledge about the different models for cloud services and deployment.
3. Assess the advantages and challenges associated with adopting cloud computing in organizations.
4. Explore the diverse architectures used in cloud computing.
5. Familiarize oneself with essential technologies utilized in cloud computing.
6. Identify and evaluate important considerations for ensuring cloud computing security and compliance.
7. Gain insights into cloud service providers and learn effective resource management techniques.
8. Comprehend the concepts of scalability, elasticity, and maintaining high availability in cloud environments.
9. Understand the principles of cloud computing governance and best practices.

Our Accreditation:

ANSI
American National Standards Institute

The Global Skill Development Council (GSDC) is the leading third-party, Vendor neutral, international credentialing and certification organization. The Global Skill Development Council (GSDC) is proud to be ANSI Accredited Member.
The American National Standards Institute (ANSI) is a private, non-profit organization that administers and coordinates the U.S. voluntary standards and conformity assessment system.

The Global Skill Development Council (GSDC) is the leading third-party, vendor-neutral, Intern-ational credentialing and certification organization. The Global Skill Development Council (GSDC) is proud to be ABICB accredited member.Accreditation Board For Inter- national Certification Bodies's accrediation is globally recognized as the highest certificati- on for training institutes as it is an independent autonomous body

ABICB

COURSE SYLLABUS

1. A brief overview of Cloud Computing:

- An Overview of Cloud Computing
- Advantages of utilizing the Cloud
- The five key characteristics of Cloud Computing according to NIST
- The three Cloud service models defined by NIST
- The four different Cloud deployment models outlined by NIST

2. Adopting the Cloud:

- Major factors influencing the adoption of cloud computing solutions
- Assessing obstacles and challenges associated with cloud computing
- An Overview of Considerations for designing cloud applications
- Gaining insights into the impact of big data
- Grasping the life-cycle of cloud applications
- Explaining the fundamental principles of cloud automation and testing
- Leveraging the Potential of Shadow IT

3. Harnessing the Potential of Software as a Service (SaaS):

- Defining the Nature of SaaS
- Contrasting different service scenarios
- Examining the technologies behind SaaS

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4. Providing Platform as a Service (PaaS):

- Investigating the underlying technical infrastructure of PaaS
- Constructing services using solution stacks
- Overseeing cloud storage management
- Utilizing support services

5. Implementing Infrastructure as a Service (IaaS) :

- Empowering technologies
- Gaining access to IaaS

6. Developing a Business Case:

- Grasping the extent and objective of a cloud action plan
- Choosing a suitable cloud partner and executing a successful trial phase
- A comprehensive comprehension of stakeholder management to optimize the success of cloud deployment
- Assessing the financial considerations
- Ensuring business continuity

7. Transitioning to the Cloud:

- Factors to consider from a technical perspective

GSDC Technical Advisory Board :

The GSDC is the leading certification association which brings together innovative organizations and founding thought-leaders as Technical Advisors from over 40 countries to design curriculum on Blockchain, Devops, Six Sigma & Agile Certifications.

Our Future Information

Target Audience

- Cloud computing Foundation is intended for everyone playing a role or having an interest in the use and management of internet-based IT services. This includes staff from internal and external service providers, their customers, and their managers.
- Project manager
- Manager
- Cloud Engineer
- Business Analyst
- Cloud Consultant
- Technical Architect

Pre-requisites

- There are no mandatory pre-requisite for Cloud Computing Foundation but below are few recommendations.
- Recommended to have work experience in Digital Environment.
- Must have working knowledge in Digital Transformation.

Find out more online at
www.gsdcouncil.org