

Cloud Computing Foundation Certification (CCF)

Global Certification Program

- ✓ Globally lifetime Valid Certification
- ✓ Lifetime Valid Certification
- ✓ AI based Roleplay & Simulations
- ✓ Two Exam Attempts



An Overview

what you can expect from this program

The GSDC Cloud Computing Foundation (CCF) certification is a comprehensive credential that validates professionals' expertise in core cloud computing concepts, including virtualization, service models, deployment strategies, and cloud security. Designed to demonstrate practical proficiency in cloud technologies, this certification empowers IT professionals to showcase their ability to contribute effectively to cloud computing initiatives, providing a recognized standard of competence in an increasingly cloud-driven technological landscape.

	Type	Online self-paced learning, Mocks
	Language	English (including subtitles)
	Access	12 months
	AI based Role play	Prepare yourself for career with AI based roleplay
	Digital certificate upon completion (2 Attempts)	
	Card Payment, Bank Transfer	
	Reading materials & Reference Templates	
	100% money back guarantee*	

GSDC Introduction

Welcome to the Global Skill Development Council (GSDC)!

As an independent, vendor-agnostic certification organization, we empower professionals worldwide.

Leading MNC organizations and global universities recognize our certifications. With a diverse portfolio of over 150+ programs, including L&D, HR, SRE, DevOps, Agile, Six Sigma, and Cyber Security, we've certified over 250,000 professionals.

Partnered with 100+ global training organizations, GSDC is your gateway to unlocking endless opportunities.

Join us today and let your skills soar to new heights!



Introduction

Cloud Computing Foundation Certification (CCF)

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. 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.



Learning Objective

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

OBJECTIVES OF CLOUD COMPUTING FOUNDATION CERTIFICATION

Curriculum

1. Foundations of Cloud Computing

- Introduction to Cloud Computing and Its Evolution
- Key Benefits and Strategic Advantages of Cloud Adoption
- The Five Essential Characteristics of Cloud Computing (NIST)
- Cloud Service Models: IaaS, PaaS, and SaaS
- Cloud Deployment Models: Public, Private, Hybrid, and Community

2. Strategic Adoption of Cloud Technologies

- Drivers for Cloud Adoption in Enterprises
- Identifying and Addressing Cloud Adoption Challenges
- Design Considerations for Cloud-Native Applications
- Understanding the Lifecycle of Cloud Applications
- Leveraging Big Data in Cloud Environments
- Introduction to Cloud Automation and Continuous Testing
- Understanding and Managing Shadow IT in the Organization

3. Unlocking the Power of Software as a Service (SaaS)

- SaaS Defined: Business and Technical Perspectives
- Comparing SaaS with Traditional and Other Cloud Models
- Key Technologies Enabling SaaS Solutions
- Real-World Examples of SaaS in Business Applications

4. Delivering Platform as a Service (PaaS)

- The Technical Foundation and Architecture of PaaS
- Building Applications Using Pre-Configured Solution Stacks
- Managing Databases and Cloud Storage Resources
- Integrating Middleware and Support Services into Applications

5. Implementing Infrastructure as a Service (IaaS)

- Core Technologies Supporting IaaS Platforms
- Accessing and Provisioning IaaS Resources
- Virtualization, Networking, and Compute Resource Management
- Comparing IaaS Providers: AWS, Azure, Google Cloud

6. Crafting a Robust Cloud Business Strategy

- Creating a Cloud Strategy and Action Plan
- Selecting the Right Cloud Provider for Your Needs
- Conducting Pilot Deployments and Proof of Concept
- Stakeholder Engagement and Change Management
- Financial Planning and Total Cost of Ownership (TCO)
- Ensuring Business Continuity and Disaster Recovery

7. Migration and Transitioning to the Cloud

- Planning for Cloud Migration: Approaches and Tools
- Technical Considerations: Security, Performance, and Integration
- Data Migration and Legacy System Transformation
- Managing Hybrid Environments During the Transition
- Post-Migration Optimization and Performance Monitoring

8. Expert Mentorship and Personalized Learning Support

- One-on-One Mentor Connect with Subject Matter Expert
- Includes a 60-minute personalized session with a Cloud Computing SME
- Ask detailed questions and clarify concepts based on your real-world needs
- Discuss architecture, tools, migration plans, or career paths in cloud computing
- Get feedback on technical challenges or guidance for certification paths

9. Tools, Certifications, and Industry Case Studies

- Hands-on Exploration of Leading Cloud Platforms: AWS, Azure, Google Cloud
- Tools for Cloud Monitoring, Management, and DevOps Integration
- Preparation for Industry Certifications: AWS Certified Solutions Architect, Azure Administrator, Google Cloud Associate
- Real-World Case Studies in Retail, Finance, Healthcare, and Startups
- Capstone Project: Designing and Presenting a Cloud Solution Architecture

Unleash Unlimited Potential

All GSDC certifications come with a lifetime membership, offering you a world of benefits to fuel your professional growth.



Expert Created Learning Material

Learn from knowledge shared by Top Industry Experts with 15+ yrs of experience.



Access to Global Conferences

Be a part of GSDC thriving learning community around the world, sharing knowledge from across the world.



Speaker invites @ GSDC Webinar Series

Share your knowledge with world at GSDC global webinar series, share your expertise and learn from others.



Downloadable Resources

Get access to templates and reference documents which will help you to do your day to day tasks easier.



Certificate Upgrades

Get complimentary certificate upgrades to keep up with the latest updates in processes and frameworks.



Newsletters, blogs with industry insights

Get newsletters, announcements and articles curated by experts direct to your inbox.



AI Based Role Play

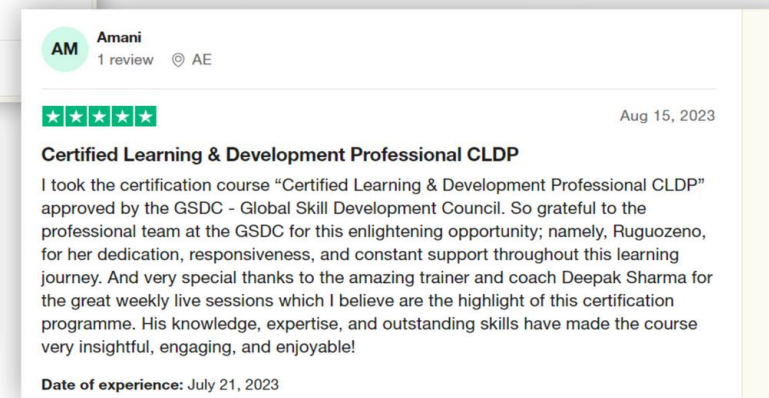
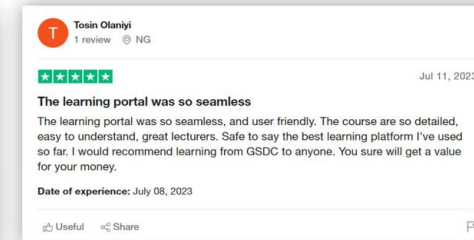
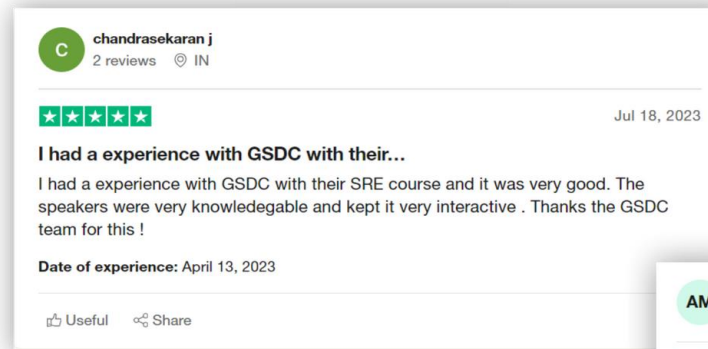
Learn to implement applicability of knowledge with real life simulation based games.

What You Get In this Certification Program?

- Engaging digital learning videos
- Exclusive access to Global thought leader sessions & case studies
- Downloadable and implementable resources to support practical application
- Two mock exams with unlimited attempts for comprehensive preparation
- Certification exam voucher with 1-year validity
- Two attempts for certification exam

What our Candidates Saying?

We greatly appreciate the feedback from our program participants on Trustpilot. With an impressive average rating of 4.7 out of 5, their reviews highlight the positive experiences and value they have gained from our program.



Expert-Led Generative AI: Learn, Connect, Grow



☐ **Interactive Learning Experience:**

Ask questions, discuss case studies, and receive implementation guidelines directly from expert, enhancing your understanding of complex AI topics



☐ **Lifelong Learning Journey:**

Enjoy lifetime access to these sessions, ensuring you stay updated with the latest trends and continuously grow your AI expertise



☐ **Career-Boosting Network:**

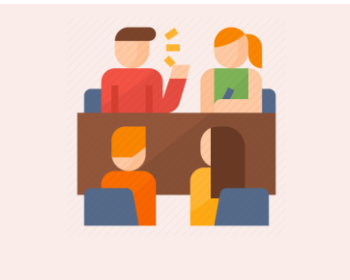
Connect with fellow professionals in the field, creating valuable relationships that can propel your career in the world of Generative AI

AI-Based Interview Practice Platform



- ☐ Engage With Real Time AI Interview Questions.
- ☐ Practice Questions Tailored with Your Expertise.
- ☐ Validate your Knowledge of subject Matter.

Capstone Project



- ☐ Apply Your Skills in Real World Scenario.
- ☐ Learn Methodologies Aligned to Your Expertise.
- ☐ Validate Skills and Knowledge Gained through the Certification.
- ☐ Showcase Expertise via a Capstone Project.

Enrollment-Options

Option-1

Certified in Cloud Computing Foundation Certification With E-Learning

**Fast-track your career by learning a new
skill and earning a certificate**

- ✓ Access expert videos and weekend 2-hour live sessions every Saturday with lifetime access
- ✓ 1 Certification Program
- ✓ Two Exam Attempts
- ✓ Lifetime Valid Certification
- ✓ E-Learning Library Access
- ✓ Downloadable Resources-Book of Knowledge, Templates
- ✓ GSDC Membership

ENROLL NOW

Option-2

Bundle

**Create your own bundle with
3 certification program**

- ✓ 3 Certification Program
- ✓ Access expert videos and weekend 2-hour live sessions every Saturday with lifetime access
- ✓ Two Exam Attempts
- ✓ Lifetime Valid Certification
- ✓ E-Learning Library Access
- ✓ Downloadable Resources-Book of Knowledge, Templates
- ✓ GSDC Membership

ENROLL NOW

Option-1 Certified in Cloud Computing Foundation Certification with E-Learning

Certified In Cloud Computing Foundation Certification with Digital Learning

Fast-track your career by learning a new skill and earning a certificate

- ✓ E-Learning from Industry Experts
- ✓ 1 Certification Program
- ✓ Two Exam Attempts
- ✓ Lifetime Valid Certification
- ✓ Downloadable Resources



Option-2

Make Your Own Certified in Cloud Computing Foundation Certification Bundle

**Enrich your skills and advance your career with our exclusive bundle.
Get certified in the following:**

- Certified Cloud Testing Advance (CCTA)
- Certified Advanced Software Security Tester Advance Level (CASST)
- Certified Advanced Software Security Tester (CASST)
- Certified Cloud Testing Foundation (CCTF)
- Certified Artificial Intelligence Foundation

Expand your expertise, design impactful learning experiences, and master your skills.

**BUY ANY
3
CERTIFICATIONS**

[Claim Bundle Here !!!](#)

Unlock Workforce Potential Through Skill Validation!

Enroll now with the code **UPSKILL10** To avail 10% discount.

Register Now



100% Money Back Guarantee!

At GSDC, quality is our top priority. Our certification programs are designed to foster professional growth and ensure learning satisfaction. If you do not pass the certification exam after two attempts, we offer a 100% money-back guarantee.

- No Questions Asked*
- 100% Amount Refund*
- No Processing Fees*

Thank You



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