

Certified DevOps Practitioner (CDP)

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Certified DevOps Practitioner Certification Governed by GSDC is focused understanding the DevOps framework from practical implementation perspective.



GSDC's Practitioner Certification has been Designed for developers to obtain understanding as business value of DevOps and business management professionals.

ABOUT CERTIFICATION

The certification provides the participants the ability to learn and demonstrate competency through:

- Strong understanding of DevOps framework and the benefits of implementing DevOps.
- Necessary elements to successfully implement DevOps.
- Embracing cultural change and bringing organizational changes necessary to success of DevOps implementation.
- Advocating the DevOps implementation for delivering high business value with the use of automation and cross functional team.
- Strong understanding of interfacing of existing established frameworks with DevOps.

OBJECTIVES

The high level learning objectives of Certified DevOps Practitioner Certification course are as below:

1. Understanding DevOps basics
2. Challenges in current IT environment
3. DevOps role in Digital Transformation
4. Managing Cultural Changes
5. Continuous Integration & Continuous Delivery
6. Popular tools to achieve 360 degree automation
7. Implementation Strategies
8. DevOps and other processes
9. Real life case studies and examples
10. DevOps best practices

Our Accreditation:



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.

COURSE SYLLABUS

Introduction to DevOps:

- ✓ History of DevOps
- ✓ What is DevOps
- ✓ DevOps Ecosystem
- ✓ DevOps Objectives
- ✓ DevOps Market Trends

Challenges with Current IT Practices:

- ✓ Development & Feedback Cycle
- ✓ Innovation & Collaboration
- ✓ Deployment Failures
- ✓ Recovery & Rollback Time
- ✓ Total Cost of Ownership
- ✓ Process Inefficiencies

DevOps Principles:

- ✓ Understanding DevOps Guiding Principles
- ✓ Importance of Collaborative Culture
- ✓ Cross Functional Team Structure
- ✓ Automation

Organizational Considerations for DevOps Adoption:

- ✓ Embracing DevOps Mindset
- ✓ Iterative Adoption
- ✓ Business Goals

Role of DevOps in Digital Transformation:

- ✓ Understanding Digital Transformation
- ✓ Why does digital transformation matter?
- ✓ Importance of DevOps in Digital Transformation

DevOps Culture:

- ✓ Organizational Change
- ✓ Breaking the Silos
- ✓ Team Structure

DevOps and Automation:

- ✓ Version Control
- ✓ Continuous Integration
- ✓ Continuous Testing
- ✓ Configuration Management
- ✓ Continuous Deployment
- ✓ Containerization
- ✓ Continuous Monitoring

DevOps and Other Processes:

- ✓ ITSM
- ✓ Agile
- ✓ Scrum
- ✓ Lean



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.

Further Information:

Target Audience

The target audience for Certified DevOps Practitioner Certification is professionals across all IT practices. Anyone who is a part any kind of IT project or wish to understand the DevOps methodology will benefit from this course.

- Software Development Professionals
- IT Service Management Professionals
- Project & Program Managers
- IT Directors
- Business Analysts
- Testing Professionals
- Data Center Professionals
- Release Managers
- Change Managers
- System Architects
- System Engineers

Certification Available:

- Ethereum developer
- Blockchain Architect
- Hyperledger Developer

You may also be interested in:

- Lean Six Sigma
- DevOps Practitioner

Find out more online at
www.gsdccouncil.org