DEVOPS ESSENTIALS
PROFESSIONAL CERTIFICATE

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Professional Knowledge

Introduction

DevOps is more than a technology or a tool set, it's a mindset that requires cultural evolution. It is people, processes and the right tools to make your application Life Cycle faster and more predictable.

DevOps Essentials explores the change in mindset and process from traditional approaches, much more so if the organization is not already embracing Agile principles.

The organization must adopt a collaborative approach that brings everyone involved in delivering together, not just Development and Operations. This certification provides an overview of DevOps core concepts.

Learning Objectives:

1. Overview about DevOps.
2. History of DevOps.
3. The purpose of DevOps.
4. DevOps Introduction.
5. Definitions of DevOps.
6. DevOps benefits.
7. Software Development Life Cycle.
8. Agile Software Development.
9. Continuous Integration.
10. Roles and Responsibilities in DevOps.
11. Product Manager.
12. Developers.
13. Operations.
14. Business.
15. Organizational Challenges.
16. Configuration Management.
17. Continuous Delivery.
18. Continuous Integration.
19. DevOps and Agile.
20. DevOps and Scrum.
21. DevOps and ITSM (ITIL).
22. DevOps Culture.
23. Incremental DevOps Adoption.
24. DevOps Tools (Overview).
25. Current Report Analysis.

Target Audience:

This certification is appropriate for anyone who is interested in becoming a DevOps professional.

Prerequisites:

- There are no formal prerequisites for this certification.

Training:

- Course Type: Fundamentals.
- Certification Code: DEPC®.

Certification Exam:

- Format: Multiple choice.
- Questions: 40.
- Language: English / Spanish / Portuguese.
- Pass Score: 24/40 or 60 %.
- Duration: 60 minutes.
- Open book: No.
- Delivery: This examination is available online.
- Supervised: It will be at the Partner's discretion.