

Continuous Delivery Architecture (CDA) Certification Course

Course Overview

A Continuous delivery architect is a tool-agnostic individual engaged in the design, implementation and management of DevOps deployment pipelines and toolchains that support Continuous Integration, Continuous Delivery, Continuous Testing and, potentially, Continuous Deployment. A continuous delivery architect is also involved in defining or integrating underpinning processes, metrics, API's and cultural considerations.

| Course Objectives | Course / Student Materials |
|--|--|
| <p>The learning objectives for CDA include a practical understanding of:</p> <ul style="list-style-type: none"> - The principles of Continuous Integration and Continuous Deployment - Continuous Delivery vs DevOps - Continuous Integration practices - Extending CI to CD - Principles for architecting a deployment pipeline - Engaging Ops in Continuous Delivery - Testing and continuous delivery - Security and continuous delivery - Continuous deployment and automated release - Cultural and people consideration - Change resistance - Metrics - Critical Success Factors, Risks and Challenges - Getting started | <ul style="list-style-type: none"> - Sixteen (16) hours of instructor-led training and exercise facilitation - The Agile Service Management Guide and Scrum Guide (pre-class resources) - Digital Learner Manual (excellent post-classreference) - Participation in unique hands-on exercises designed to apply concepts - Sample documents, templates, tools and techniques - Access to additional sources of information and communities |
| Certification | Prerequisites |
| <p>Successfully passing the certification exam leads to the candidate's designation as a certified DevOps Continuous Delivery</p> | <ul style="list-style-type: none"> - DevOps Foundation® Certification Course - Completion of pre-class assignment |

Architect (CDA)SM. The certification is governed and maintained by the DevOps Institute; exams are delivered through an Independent, global examination partner.

Audience

Anyone involved in or interested in learning about the principles of Continuous Integration and Continuous Delivery. Also:

- Enterprise architects
- Software developers
- Build engineers
- Release managers and engineers
- Operational and infrastructure teams
- Security professionals
- Testers and QA managers
- IT Managers
- Project Managers
- Maintenance and support staff

This course will be taught in a physical classroom. This course will be covered in two days (eight hours per day). The exam can be taken at the end of the course in the classroom or online at a date and time convenient to the learner.

Note: This certifiable course has been developed by the DevOps Institute (DOI). Ranger4 is a DOI Registered Education Partner. The examination is delivered by PeopleCert.