DevOps (formed by joining "development" and "operations") is a software development and delivery process that emphasizes communication and collaboration between product
management, software development, operation professionals in close alignment with business objectives.

DevOps Institute USA is the premier certification body and its certification is the most valuable and globally recognized one in the world today. The DevOps Institute's (DOI) purpose if to fulfill the mission of transforming the way IT is practiced – not only for development and operations, but also for quality assurance, security and, even sales and marketing. All have a pivotal role in DevOps.

This course provides an introduction to DevOps, the cultural and professional Movement, that stresses communication, collaboration, integration and Automation, in order to improve the flow of work between software developers and IT operations professionals. Improved workflows will result in an improved ability
 to design, develop, deploy and operate software and services faster.

The learning objectives for DevOps Foundation include an understanding of:
- DevOps objectives and vocabulary
- Benefits to the business and IT
- Principles and practices including Continuous Integration, Continuous Delivery, testing, security and the Three Ways
- DevOps relationship to Agile, Lean and ITSM
- Improved workflows, communication and feedback loops
- Automation practices including deployment pipelines and DevOps toolchains
- Scaling DevOps for the enterprise
- Critical success factors and key performance indicators
- Real-life examples and results

COURSE / STUDENT MATERIALS:
- Sixteen (16) hours of instructor-led training and exercise facilitation
- DevOps - The Basics (pre-class resource)
- Learner Manual (excellent post –class reference)
- Participation in unique exercises designed to apply concepts
- Sample document s, templates, tools and techniques
- Access to additional sources of information and communities

CERTIFICATION:
To achieve the coveted and globally recognized DevOps Certification, one needs to do the following –
- Take a multiple-choice exam consisting of 40 questions
- Duration of exam is 60 minutes.
- One needs to get 65% to qualify

The certification is governed and maintained by the DevOps Institute; exams are delivered through an independent , global examination partner.

The DevOps Foundation Certificate is the pre-requisite for future DevOps certification courses.

PREREQUISITES:
- Completion of pre-class assignment
- Familiarity with IT software development and operations responsibilities

AUDIENCE:
- Anyone seeking an understanding of DevOps principles, practices and cultural considerations
- Organizations wanting to instill a common DevOps vocabulary and mindset
- Employees and managers responsible for leading DevOps transformations
- Consultants, internal and external suppliers.

Who are we?
Palium is a training organization conducting trainings on Functional, Soft-Skills, IT and Project Management areas. We have conducted trainings for leading corporates like ITC, JUSCO, CMS and many others.

We also conduct trainings on Primavera P6, MS Project and other Project Management related topics.

Palium works with approved REP of DevOps Institute to help individuals to achieve certification and work successfully in the DevOps domain.

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