CTIA-12 - COMPTIA AUTOOPS+

Categoria: **CompTIA**

INFORMAZIONI SUL CORSO

Durata:	Categoria:	Qualifica Istruttore:	Dedicato a:	Produttore:
5 Giorni	CompTIA	Docente Senior (min. 5 anni)	Professionista IT	CompTIA

OBIETTIVI

Skills you'll learn:

-Use scripting and automation to streamline IT workflows and manage enterprise systems efficiently.
-Automate configuration, provisioning, and maintenance using infrastructure-as-code and modern toolchains.
-Build and manage CI pipelines to automate testing, ensure quality, and improve collaboration between teams.
-Implement secure, compliant delivery pipelines that enable rapid, reliable deployment and operational efficiency.

PREREQUISITI

Aver frequentato i corsi CompTIA Network+, Linux+, Server+ e Cloud+ o avere conoscenze equivalenti

CONTENUTI

Module 1: Implementing System Configuration

-Outline the Challenges of Manual Configuration
-Identify Deployment Types and Environments
-Utilize Remote Access and APIs

Module 2: Explaining Coding and Scripting Fundamentals

-Use Code to Support Automation
-Secure and Manage Code for Automated Environments
-Script with Bash
-Script with PowerShell
-Script with Python

Module 3: Managing and Maintaining Reliable Code

-Implement Source and Version Control
-Apply Debugging, Validation, and Recovery Techniques

Module 4: Explaining Modern Automation Practices and Technologies

-Summarize Automation and Orchestration Concepts
-Explain Syntax Rules for Automation Technologies

-Automate with Configuration Management Tools

Module 5: Implementing Continuous Integration Workflows

-Build Continuous Integration Toolchains
-Design and Manage Continuous Integration Workflows

Module 6: Implementing Continuous Delivery Workflows

-Deploy Applications Using Continuous Delivery Workflows
-Validate, Test, and Troubleshoot Deployment Pipelines

Module 7: Executing End-to-End CI/CD Workflows

-Run CI/CD Pipelines for Production Deployment
-Detect and Manage Configuration Drift
-Establish Monitoring and Governance in Cloud Environments.

Module 8: Practicing Site Reliability Engineering

-Explain SRE Concepts and Practices
-Use SRE Tools and Techniques
-Operate SRE Workflows

INFO

Esame: AT0-001 - CompTIA AutoOps+
Materiale didattico: Materiale didattico in formato digitale
Costo materiale didattico: incluso nel prezzo del corso a Calendario
Natura del corso: Operativo (previsti lab su PC)