

Cisco Certified DevNet Professional

Course Outline

Core DevNet Technologies (DEVASC)

Topics

- Software Development and Design
- Understanding and Using APIs
- Application Deployment and Security
- Infrastructure and Automation
- Network Fundamentals

Advanced Automation and Programmability (DEVCOR)

Topics

- Advanced REST APIs and API Integration
- Automation Tools (Ansible, Terraform)
- Advanced Scripting and Programming (Python)
- Continuous Integration/Continuous Deployment (CI/CD)
- DevOps Practices and Agile Methodologies

Cisco Platforms and Development (Choice of Concentration)

Topics

- Cisco DNA Center Automation
- Cisco SD-WAN and Meraki Automation
- Cisco Webex Development
- Cisco Security Automation
- Cisco IoT Development

Infrastructure and DevOps (Optional Concentration)

Topics

- Infrastructure as Code (IaC)
- Advanced Network Automation
- Cloud Infrastructure and Services
- Container Orchestration with Kubernetes

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