

IT-DEVIOT - Developing Solutions using Cisco IoT and Edge Platforms

Cisco - CCNP DevNet - Networking

Durata:	Lingue:	Certificazione:
5 Days	**Italiano**	**Cisco Certified DevNet Professional**

Course description

The Developing Solutions Using Cisco IoT and Edge Platforms (DEVIOT) v1.0 course prepares you to develop Internet of Things (IoT) applications for Cisco® IoT edge compute and network architecture. Through a combination of lessons and hands-on experience, you will learn to implement and deploy Cisco IOx applications using Cisco Field Network Director and Cisco Kinetic. This course covers designing, deploying, and troubleshooting edge applications, and understanding the use of management tools, so you can control your industrial network and connected devices at scale. This course helps you prepare to take the 300-915 DEVIOT exam, one of the eight concentration exams that you can choose after 350-901 DEVCOR exam to achieve the DevNet Professional certification. The 300-915 DEVIOT exam will be available on February 24, 2020.

Course schedule

- Defining Cisco IoT
- IoT Networking and Other Devices
- Examining IoT Protocols
- Examining IoT Standards
- Recognizing Cisco IoT Needs and Solutions
- Using Programmability with Cisco IoT
- Describing Cisco IoT Applications: Cisco IOx
- Describing Cisco IoT Applications: Cisco Kinetic and Cisco Field Network Director
- Defining Cisco Security Applications

Lab outline

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- Use an MQTT Consumer to Subscribe to Sensor Data
- Use Cisco IOx Applications to Receive and Process Sensor Data
- Troubleshoot a Sensor Connection
- Use and Interpret Freeboard Data
- Use and Interpret Grafana Data
- Use and Interpret Kibana Data
- Cisco IOx Familiarity Lab
- Develop and Deploy a Cisco IOx Application
- Troubleshoot Cisco IOx
- Navigate Cisco Field Network Director
- Explore Cisco Field Network Director API