



Enterprise Computing Solutions - Education Services

OFERTA FORMATIVA

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Create, Secure, and Publish APIs with IBM API Connect V5

CÓDIGO:	DURACIÓN:	Precio:
WD500G	32 Hours (4 días)	€1,850.00

Description

This course teaches you how to create, publish, and secure APIs with IBM API Connect V5. You learn how to use the Developer Toolkit to define an API interface according to the OpenAPI specification. You assemble message processing policies in the API Designer web application and define client authorization schemes, such as OAuth 2.0, in the API definition. You build a Node.js API application with the LoopBack framework. You also package, stage, and publish an API with product and plan. For information about other related courses, see the IBM Training website: ibm.com/training

Objetivos

- Create APIs with the API Connect toolkit
- Implement APIs with the LoopBack Node.js framework
- Validate, filter, and transform API requests and responses with message processing policies
- Authorize client API requests with security definitions
- Enforce an OAuth flow with an OAuth 2.0 Provider API
- Stage, publish, and test APIs on the API Connect cloud

Público

This course is designed for API developers: software developers who define and implement API operations.

Requisitos Previos

Before taking this course, you should successfully complete course *Developing REST APIs with Node.js for IBM Bluemix* (VY102G).

Programa

Course introduction
IBM API Connect V5 overview
API Connect developer toolkit
Creating an API definition
Exercise: Creating and publishing an API in API Designer
Defining APIs that call REST and SOAP services
Exercise: Defining an API that calls an existing SOAP service
Implementing APIs with the LoopBack framework
Exercise: Creating a LoopBack application
LoopBack models, properties, and relationships
Defining data sources with connectors
Exercise: Defining LoopBack data sources
Implementing remote methods and event hooks
Exercise: Implementing event-driven functions with remote and operation hooks
Assembling message processing policies
Exercise: Assembling message processing policies
Declaring client authorization requirements
Creating an OAuth 2.0 provider
Exercise: Declaring an OAuth 2.0 provider and security requirement
Deploying an API to a Liberty collective
Exercise: Deploying an API implementation to a Liberty collective
Staging, publishing, and deploying an API product
Exercise: Defining and publishing an API product
Subscribing and testing APIs
Exercise: Subscribing and testing APIs
Troubleshooting
Exercise: Troubleshooting the case study
Course summary

Fechas Programadas

A petición. Gracias por [contactarnos](#).

Información Adicional

Esta formación también está disponible en modalidad presencial. Por favor contáctenos para más información.