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Create, Secure, and Publish APIs with IBM API Connect v2018  
Information

<b>Length:</b>	32.0 Hours
<b>Ref:</b>	WD514G
<b>Delivery method:</b>	ClassroomInstructor Led Online
<b>Price:</b>	AUD

Overview

This course is also available as self-paced virtual (e-learning) course *Create, Secure, and Publish APIs with IBM API Connect v2018* (ZD514G). This option does not require any travel.

This course teaches you how to create, publish, and secure APIs with IBM API Connect V2018. You build Node.js API applications with the LoopBack framework. You define API interfaces according to the OpenAPI specification. You assemble message processing policies and define client authorization schemes, such as OAuth 2.0, in the API definition. You publish APIs and make them available on a secure gateway and on the Developer Portal.

For information about other related courses, see the IBM Training website:

**ibm.com/training**

Public

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

Prerequisites

Before taking this course, you should successfully complete course VY102G, *Developing REST APIs with Node.js for IBM Bluemix* (no longer available).

Topics

IBM API Connect V2018 overview

Exercise: Review the API Connect development and runtime environment

API Connect development platform

Creating an API definition

Exercise: Create an API definition from an existing API

Defining APIs that call REST and SOAP services

Exercise: Define an API that calls an existing SOAP service

Implementing APIs with the LoopBack framework

Exercise: Create a LoopBack application

LoopBack models, properties, and relationships

Defining data sources with connectors

Exercise: Define LoopBack data sources

Implementing remote methods and event hooks

Exercise: Implement event-driven functions with remote and operation hooks

Assembling message processing policies

Exercise: Assemble message processing policies

Declaring client authorization requirements

Creating an OAuth 2.0 provider

Exercise: Declare an OAuth 2.0 provider and security requirement

Deploying an API to a Docker container

Exercise: Deploy an API implementation to a container runtime environment

Publishing and managing products and APIs

Exercise: Define and publish an API product

Subscribing and testing APIs

Exercise: Subscribe and test APIs