

Integrating API Connect with IBM Business Process Manager

WB832 (Classroom)

ZB832 (Self-paced)

Course description

This course teaches you how to integrate IBM API Connect with IBM Business Process Manager.

The course begins with an overview of IBM API Connect for IBM Business Process Manager users. It then teaches you how to create fast, simple connections to disparate, separate systems through IBM API Connect, and how to use these connections in IBM Business Process Manager to enhance your business processes.

The course includes a hands-on lab exercise that covers the creation of an outbound integration from IBM Business Process Manager to IBM API Connect.

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

http://www.ibm.com/training

General information

Delivery method

Classroom or self-paced virtual classroom (SPVC)

Course level

ERC 1.0

Product and version

IBM API Connect, IBM Bluemix, and IBM Business Process Manager v8.5.7 CF2017.03

Audience

This course is designed for IBM Business Process Manager process developers.

Learning objectives

After completing this course, you should be able to:

* Explain the role of IBM API Connect in an enterprise architecture
* Identify the components of the API Connect solution
* Explain how to expose an existing REST service in an API definition
* Describe the features of API Designer
* Use IBM Business Process Manager with API Connect

Prerequisites

* Basic IBM Business Process Manager developer skills
* Familiarity with REST APIs

Duration

0.5 day

Skill level

Intermediate

Notes

The following unit and exercise durations are estimates, and might not reflect every class experience. If the course is customized or abbreviated, the duration of unchanged units will probably increase.

This course is a new course.

Course agenda

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| Course introduction  Duration: 15 minutes |

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| Unit 1. Exploring API Connect  Duration: 1 hour | |
| Overview | This unit explores the IBM API Connect service. It explains the topology and architecture of the service, and how to define APIs by using Swagger to document and describe Representational State Transfer (REST) APIs. |
| Learning objectives | After completing this unit, you should be able to:   * Describe the IBM API Connect service * List the features of the API designer |

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| Unit 2. Integrating with IBM Business Process Manager  Duration: 30 minutes | |
| Overview | This unit shows you how to use IBM Business Process Manager to connect to external systems by using IBM API Connect. |
| Learning objectives | After completing this unit, you should be able to:   * Create an outbound integration from IBM Business Process Manager to IBM API Connect |

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| Exercise 1. Using IBM BPM to invoke REST services that are exposed by API Connect  Duration: 1 hour | |
| Overview | This exercise covers the creation of an outbound integration from IBM Business Process Manager to IBM API Connect. |
| Learning objectives | After completing this exercise, you should be able to:   * Provision an API Connect server instance * Build and test an instance of IBM API Connect on IBM Bluemix * Create an outbound integration from IBM Business Process Manager to IBM API Connect |

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| Unit 3. Course summary  Duration: 10 minutes | |
| Overview | This unit summarizes the course and provides information for future study. |
| Learning objectives | After completing this unit, you should be able to:   * Explain how the course met its learning objectives * Access the IBM Training website * Identify other IBM Training courses that are related to this topic * Locate appropriate resources for further study |

For more information

To learn more about this course and other related offerings, and to schedule training, see **ibm.com**/training

To learn more about validating your technical skills with IBM certification, see **ibm.com**/certify

To stay informed about IBM training, see the following sites:

IBM Training News: ibm.com/blogs/ibm-training/

YouTube: youtube.com/IBMTraining

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