

# CA PPM 15.3: Integration 300 Bundle



## Course Overview

Completing projects on time, on budget, and within scope is critical to the business and requires the very best in project and portfolio management solutions. CA Project and Portfolio Manager 15.3 (CA PPM) helps you drive strategic initiatives across your entire enterprise by managing your dynamic business requirements, complex projects, global resources, and shrinking budgets.

The bundle course content focuses on the technical aspects of the application, including CA PPM Studio, XML Open Gateway (XOG), Generic Execution Language (GEL) scripting, and Web Service Definition Language (WSDL).

This bundle includes CA PPM 15.1: Integration Using XOG 300, CA PPM 15.1: Integration Using GEL 300 and CA PPM 15.1: Integration Using WSDL 300.

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### PRODUCT RELEASE

CA PPM 15.3

*There are no changes in CA PPM 15.3 that affect this course.*

*Please note, therefore, that the content included here is from the CA PPM 15.1 version which is bundled with the CA PPM 15.2 Cumulative Differences course.*

*The purpose of including the Cumulative Differences course is for reference of minor updates in the CA PPM 15.2 release.*

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### COURSE TYPE, LENGTH & CODE

- Instructor-Led Training (ILT) / Virtual Learning (VL)
- Four (4) Days
- Course Code: 33CLR3107B

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### PREREQUISITES

- Working knowledge of XML
- Good working knowledge of the core components of CA PPM

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### WHO SHOULD ATTEND

- Application Administrator
- System Administrator

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## What You Will Learn

- Install the XOG client to import and export your XOG files
- Manage XOG files to integrate CA PPM with other applications
- Implement GEL scripts to invoke and process a variety of data sources, including Web Services, file systems, FTP servers, and relational databases.
- Use the GEL, Core, SQL, File, Simple Object Access Protocol (SOAP), FTP, and XML tag libraries to quickly and efficiently code business functionality.
- Work with WSDL objects so you can work with CA PPM objects to perform read/write actions.
- Define WSDL queries in CA PPM to create NSQL queries for querying data from external systems. Manage Web Services with CA Clarity PPM

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## For Managers

To maximize the benefits of the application for the business, your staff need to be able to administer the powerful business management functionality available. Knowing how to integrate extends CA PPM functionality to interact with other applications to share information and data visuals, without having to make major changes to the system infrastructure.

These classes can be credited toward Project Management Professional Development Units (PDUs) from the Project Management Institute® (PMI®).

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## Course Agenda – Integration Using XOG

Module 1: Install XOG	Module 2: Invoke Process Actions
<ul style="list-style-type: none"> <li>Describe XOG</li> <li>Install the XOG client</li> </ul>	<ul style="list-style-type: none"> <li>Set up XOG files</li> <li>Deploy XOG</li> <li>Read projects</li> </ul>

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## Course Agenda – Integration Using GEL

Module 1: Execute GEL Scripts	Module 2: Create GEL Scripts Using Tag Libraries
<ul style="list-style-type: none"> <li>Create a simple GEL script</li> <li>Confirm GEL scripts</li> </ul>	<ul style="list-style-type: none"> <li>Define a GEL script using the GEL tag library</li> <li>Create a GEL script using the Core tag library</li> <li>Create a GEL script using the SQL tag library</li> <li>Create a GEL script using the File tag library</li> <li>Create a GEL script using the SOAP tag library</li> <li>Define a GEL script using the FTP tag library</li> </ul>
Module 3: Create GEL Scripts Using Processes	
<ul style="list-style-type: none"> <li>Integrate GEL scripts with processes</li> </ul>	



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## Course Agenda – Integration Using WSDL

### Module 1: Define Objects

- Define WSDL objects in CA PPM

### Module 2: Invoke Process Actions

- Invoke WSDL process actions in CA PPM

### Module 3: Create Queries

- Define WSDL queries in CA PPM

### Module 4: Manage Web Services in CA PPM

- Define web services in CA PPM
- Create GEL scripts to invoke web services



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