

# CA PPM 15.4: Installation with Oracle 200 Bundle

## SUPPORTED PRODUCT RELEASE(S)

CA PPM 15.4

## COURSE TYPE, LENGTH & CODE

- Dynamic Labs + Web-base Training
- Sixteen (16) Hours DL + One and one-half (1.5) Hours WBT
- Course Code: 33CLR2607S

## PREREQUISITES

- Operating system administration, such as Windows and Linux
- SQL queries
- Database knowledge (Oracle)

## WHO SHOULD ATTEND

- Implementation Consultant
- IT Architect
- Application Administrator
- System Administrator
- Database Administrator

## Course Overview

This is a self-directed CA Project and Portfolio Management (CA PPM) course that offers students an in-depth experience of all facets of installing the product. The course covers the entire product installation; from the identification and installation of the components and the configuration of the installed components, through to the post-installation configuration and administration tasks. This course will help you gain a comprehensive understanding of the setup, configuration, and optimization of your CA PPM installation. This training is based on CA PPM classic interface.

This bundle consists of 16 hours of SELF-DIRECTED learning including lab activities. Bundle includes 33CLR26040, 33CLR26079, and 33CLR31160.

## This Course Will Show You How To:

- Plan effectively by gaining an understanding of the CA PPM solution components and awareness of your deployment options by exploring the architecture
- Create an effective base environment for CA PPM
- Build an effective and robust hosting environment for CA PPM & Data Warehouse by installing Apache Tomcat
- Align projects and programs with strategies, goals & objectives by installing CA PPM
- Properly configure Oracle to store and manage CA PPM application data in the transactional and warehouse databases
- Enable users to run a wide range of useful reports by installing and configuring JasperSoft
- Customize CA PPM to meet specific IT requirements and
- Extend the functionality of the product by integrating client applications
- Help ensure continuous availability by backing up the application and the database
- Manage and run jobs to increase efficiency by automating job execution
- Monitor background services on the process engine to increase process engine efficiency and view event messages
- Create effective expressions for custom password rules to prevent unauthorized access to the CA PPM application

## Course Agenda – Installation Planning

### Module 1: Describe CA PPM

- Describe CA PPM solution components and how they interrelate

### Module 2: Describe the CA PPM Architecture

- Identify open standards support
- Identify the features of the CA PPM architecture
- Describe how the CA PPM architecture is deployed on different databases and application servers
- Describe CA PPM system configurations

### Module 3:

- Describe CA PPM System Administration

### Module 4:

- Gather installation information
- Identify the CA PPM installation steps at a high level

## Course Agenda – Installation with Oracle

### Module 1: Set Up the Environment

- Identify the components of the CA PPM deployment
- Describe how to set up user accounts
- Install JDK
- Set up environment variables

### Module 2: Install Apache Tomcat

- Install Apache Tomcat

### Module 3: Install CA PPM

- Install CA PPM

### Module 4: Configure Oracle Database for CA PPM, Data Warehouse, and Jaspersoft

- Describe the Oracle database installation
- Create and configure the CA PPM (transactional), CA PPM Data Warehouse (reporting), and Jaspersoft databases

### Module 5: Install Jaspersoft Report Server

- Install Jaspersoft
- Verify Jaspersoft for CA PPM

### Module 6: Configure CA PPM Using CSA

- Configure the complete environment using CSA and CA PPM
- Validate the installation

## Course Agenda Continued

### Module 7: Perform Post-Installation Tasks

- Validate the installation: CA PPM
- Integrate client applications
- Troubleshoot installation issues
- Complete the installation report

### Module 8: Perform Backups and System Recovery

- Back up the application
- Back up the database
- Restore the application

### Module 9: Manage Jobs

- Describe jobs
- Run jobs
- Monitor scheduled jobs
- Create jobs

### Module 10: Monitor Background Services on the Process Engine

- Describe the process engine monitoring tool
- Monitor pipelines
- View event messages

### Module 11: Build Password Expressions

- Identify general password options
- Create password expressions

### Module 12: Administer CA PPM Services

- Manage CA PPM services

## Course Agenda – Post Installation Options & Extensions

### Module 1: Describe Options and Extensions

- Identify the available add-ins
- Integrate the CA PA Learn Menu
- Configure System Options
- Describe how CA PPM extends to integrate with other systems

## Course Resources

### Communities

<https://communities.ca.com/community/ca-ppm>

### Learning Path

<http://www.ca.com/us/education-training/learning-paths.html>

### Documentation

<https://docops.ca.com/ppmop> - for On Premise customers

<https://docops.ca.com/ppmod> - for SaaS / On Demand customers

### Product Information

<https://www.ca.com/us/products/ca-project-portfolio-management.html?intcmp=headernav>