

# CA PPM 15.1: Installation with MS/SQL 200 Bundle



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## PRODUCT RELEASE

CA PPM 15.1

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## COURSE TYPE, LENGTH & CODE

- Web-based Training (WBT)  
Two (2) Hours
- Self-Directed Labs  
Sixteen (16) hours
- Course Code: 33CLR2448S

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## PREREQUISITES

- Operating system administration, such as Windows and Linux
- Experience with SQL queries
- MS/SQL Database knowledge

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## 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) bundle that offers students an in-depth experience of all facets of installing the product. The bundle 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 bundle 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. Bundle includes 33CLR24460, 33CLR24489 and 33CLR30720

This class consists of 16 hours of SELF-DIRECTED learning including lab activities and two hours of web-based training.

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## What You Will Learn

- Plan effectively by gaining an understanding of the CA PPM solution components and how they interrelate.
- Create an effective base environment for CA PPM.
- Build an effective and robust hosting environment for your CA PPM application by installing Apache Tomcat.
- Align projects and programs with strategies, goals & objectives by installing CA PPM.
- Properly prepare MS/SQL database to store and manage CA PPM application data.
- Enable users to run a wide range of useful reports by installing and configuring CABI.
- 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
- Enhance the OOB capabilities of your CA PPM instance by installing add-ins.

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## For Managers

CA PPM provides an automated software solution to enable an organization to improve investment decision making, enhance productivity and efficiency, and quickly adapt to dynamic business conditions. In this course, students will prepare the environment and ensure that all the prerequisites are in place. They will then install and test the CA PPM product, and perform post-installation configuration. An awareness of the various configuration and administrative options will help ensure a trouble-free installation of the product, and save your team time and effort by making sure that your installation of CA PPM meets the needs of your particular organization from the beginning.

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## Course Agenda – Installation Planning

<b>Module 1 – Describe CA PPM</b>	<b>Module 2 – Describe the CA PPM Architecture</b>
<ul style="list-style-type: none"> <li>▪ Describe CA PPM solution components and how they interrelate</li> </ul>	<ul style="list-style-type: none"> <li>▪ Identify Open Standards support</li> <li>▪ Identify the features of the CA PPM architecture</li> <li>▪ Describe how the CA PPM architecture is deployed on different databases and application servers</li> <li>▪ Describe CA PPM system configurations</li> </ul>
<b>Module 3 – Describe CA PPM System Administration</b>	<b>Module 4 – Plan the Installation</b>
<ul style="list-style-type: none"> <li>▪ Describe the basics of CSA</li> </ul>	<ul style="list-style-type: none"> <li>▪ Gather installation information</li> <li>▪ Identify the cA PPM installation steps at a high level</li> </ul>



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## Course Agenda – Installation with MS/SQL

<b>Module 1 – Set Up the Environment</b> <ul style="list-style-type: none"> <li>Identify the components of the CA PPM deployment</li> <li>Describe how to set up user accounts</li> <li>Install SDK</li> <li>Set up environment variables</li> </ul>	<b>Module 2 – Install Apache Tomcat</b> <ul style="list-style-type: none"> <li>Install Apache Tomcat</li> </ul>
<b>Module 3 – Install CA PPM</b> <ul style="list-style-type: none"> <li>Install CA PPM</li> </ul>	<b>Module 4 – Configure Microsoft SQL Server Database for CA PPM and Data Warehouse</b> <ul style="list-style-type: none"> <li>Create and configure the CA PPM (transactional) and CA PPM Data Warehouse (reporting) databases</li> </ul>
<b>Module 5 – Install JasperSoft Report Server</b> <ul style="list-style-type: none"> <li>Install JasperSoft</li> <li>Configure JasperSoft for CA PPM</li> </ul>	<b>Module 6 – Configure CA PPM using CSA</b> <ul style="list-style-type: none"> <li>Configure the complete environment using CSA and CA PPM itself</li> <li>Validate the installation</li> </ul>
<b>Module 7 – Perform Post-Installation Tasks</b> <ul style="list-style-type: none"> <li>Validate the installation: CA PPM</li> <li>Integrate client applications</li> <li>Troubleshoot installation issues</li> <li>Complete the installation report</li> </ul>	<b>Module 8 – Perform Backups and System Recovery</b> <ul style="list-style-type: none"> <li>Back up the application</li> <li>Back up the database</li> <li>Restore the application</li> </ul>
<b>Module 9 – Manage Jobs</b> <ul style="list-style-type: none"> <li>Describe jobs</li> <li>Run jobs</li> <li>Monitor scheduled jobs</li> <li>Create jobs</li> </ul>	<b>Module 10 – Monitor Background services on the Process Engine</b> <ul style="list-style-type: none"> <li>Describe the process engine monitoring tool</li> <li>Monitor pipelines</li> <li>View event messages</li> </ul>



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**Module 11 – Build Password Expressions**

- Identify general password options
- Create password expressions

**Module 12 – Administer CA PPM Services**

- Manage CA PPM services

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## Course Agenda - Post Installation Options and Extensions

**Module 1 – Describe Options and Extensions**

- Identify the available add-ins
- Install CA PA
- Configure system options
- Describe how CA PPM extends to integrate with other systems



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