

# SolidWorks Corporation: CEPA Detailed Description and Sample Exam

## Certified Enterprise PDM Administrator (CEPA)

This detailed description and sample questions document contain what to expect in the CEPA exam.

What you will need for the real CEPA exam:

1. Software: SolidWorks 2012 and SolidWorks Enterprise PDM 2012 (or more recent version)
2. Access & Privileges checklist:
  - a) Login & Passwords to Archive & SQL Servers (including SQL sa password)
  - b) Internet access
  - c) Ability to create vault
  - d) Ability to add new users

## About the Exam:

The CEPA exam has 3 sections. Below you can find exam details with sample questions.

I. **Hands on Exam:** (There are 2 troubleshooting tasks, each worth 25 points)

To complete the hands-on section you will need access to an Enterprise PDM system with complete administrative privileges to Database and Archive servers. In this section, we will test your capabilities in troubleshooting technical problems that can result due to a variety of reasons, including inadvertent typos in configuration.

At the beginning of the exam, you will download a PDF document with scripted instructions for the Hands-on Exam. This script will walk you through the steps outlined below:

- Create a new empty vault
- Use the provided link to download a CEX file and import it into the vault
- Follow instructions to make minor configuration changes (e.g. folder permissions)
- Continue to follow the instructions until you run into a technical issue
- Identify and correct the root-cause of this issue
- To validate that you have properly fixed the above issue, you will be asked to activate an add-in. This will provide you with an answer code which you will have to enter into the Virtual Tester. At this point, you will continue with Sections II & III in Virtual Tester.

It is expected that you have the necessary skills and experience to carry out the above steps without any guidance. After finishing this section, you will proceed to Section II to answer Technical Questions.

II. **Technical Questions** (There are total 20 Questions, each worth 2 points. Sample questions are provided below)

Questions under this section will evaluate your technical knowledge on how Enterprise PDM is setup and configured.

### Sample Questions:

1. A file that is added to the file vault, but not yet checked in is:
  - a. Only accessible by Admin
  - b. Only accessible by the user that checked out the file
  - c. Accessible by every other user with sufficient read permission
  - d. Only accessible by the user that added the file and Admin.
  
2. To change workflow state of a file, you must:
  - a. Ensure the file is checked in
  - b. Ensure the file is opened in its associate application
  - c. Ensure the file is checked out
  - d. Be logged in as Admin

3. When checking out, modifying and then checking in the file – what happens to the file?
  - a. The file is copied into the SQL file vault database and a new version is created.
  - b. The changes made to the file are undone
  - c. The file is copied to the archive server and a new version is created
  - d. The file is removed from the local cache

III. **Project Management Questions** (There are total 10 Questions, each worth 1 point)

Questions under this section will evaluate your basic Project Planning skills which are often overlooked. Lack of proper planning for upgrades and system changes can result in critical business issues.

Sample Questions:

1. The term “Stake holder” is used within the context of project management to describe:
  - a. An active member of the project team that has technical expertise.
  - b. An individual who is interested in the project outcome.
  - c. Key decision maker that funds for the Project.
  - d. Person who manages project communications.
2. Select one statement below that best describes the role of a Project Manager...
  - a. Project Manager is in charge of managing the day to day activities of the project.
  - b. Project Manager funds for the Project.
  - c. Project Manager is a member of a project team, working alongside other project managers to achieve the project outcome.
  - d. Project Manager is most technically skilled person in the entire team.
3. As a Project Manager, you are responsible for
  - a. Resource Planning
  - b. Creating estimates
  - c. Identifying deadlines
  - d. All of the choices

Answers:

II. **Technical Questions**

1. d. Only accessible by the user that added the file and Admin.
2. a. Ensure the file is checked in.
3. c. The file is copied to the archive server and a new version is created.

III. **Project Management Questions**

1. b. An individual who is interested in the project outcome.
2. a. Project Manager is in charge of managing the day to day activities of the project.
3. d. All of the choices

For a description and walk-through of the VirtualTester testing client, please go to these links:

- Starting the exam: [http://www.virtualtester.com/index.php/support/starting\\_the\\_exam/](http://www.virtualtester.com/index.php/support/starting_the_exam/)
- During the exam: [http://www.virtualtester.com/index.php/support/during\\_the\\_exam/](http://www.virtualtester.com/index.php/support/during_the_exam/)
- Ending the exam: [http://www.virtualtester.com/index.php/support/ending\\_the\\_exam/](http://www.virtualtester.com/index.php/support/ending_the_exam/)