



University of Pega

Build for Change[®]

PegaRULES Process Commander[®]

Certified Business Architect

Exam Blueprint

© Copyright 2010
Pegasystems Inc., Cambridge, MA
All rights reserved.

This document describes products and services of Pegasystems Inc. It may contain trade secrets and proprietary information. The document and product are protected by copyright and distributed under licenses restricting their use, copying, distribution, or transmittal in any form without prior written authorization of Pegasystems Inc.

This document is current as of the date of publication only. Changes in the document may be made from time to time at the discretion of Pegasystems. This document remains the property of Pegasystems and must be returned to it upon request. This document does not imply any commitment to offer or deliver the products or services provided.

This document may include references to Pegasystems product features that have not been licensed by your company. If you have questions about whether a particular capability is included in your installation, please consult your Pegasystems service consultant.

For Pegasystems trademarks and registered trademarks, all rights are reserved. Other brand or product names are trademarks of their respective holders.

Although Pegasystems Inc. strives for accuracy in its publications, any publication may contain inaccuracies or typographical errors. This document or Help System could contain technical inaccuracies or typographical errors. Changes are periodically added to the information herein. Pegasystems Inc. may make improvements and/or changes in the information described herein at any time.

This document is the property of:

Pegasystems Inc.
101 Main Street
Cambridge, MA 02142-1590
Phone: (617) 374-9600
Fax: (617) 374-9620
www.pega.com

PegaRULES Process Commander
Document: Certified Business Architect Exam Blueprint
Updated: June 8, 2010

Table of Contents

About the Certified Business Architect Exam	2
Paths to Business Architect Certification	2
About the Exam Blueprint	2
Prerequisites.....	2
Exam Test Competencies	3
Exam Format.....	4
Question Format.....	4
Test Competencies and Topics	5
Project Implementation Methodology	5
Class Hierarchy and Structure.....	5
Process Flow.....	5
Case Management	5
Data Modeling	6
UI.....	6
Decision Rules	6
Declarative Rules	6

About the Certified Business Architect Exam

Pegasystems Professional Certification Program has created a worldwide community of hundreds of certified individuals, drawn by a commitment to excel in their ability to deliver world class PegaRULES Process Commander (PRPC) applications.

When a Business Architect participates in the design and construction of a PRPC application there are fundamental, essential PRPC skills and knowledge areas that must be applied to ensure success. The certification exam is organized around these skills and knowledge areas.

Pegasystems is committed to providing the training, tools and knowledge needed to achieve certification as a PRPC Certified Business Architect (CBA).

Paths to Business Architect Certification

Before taking the Certified Business Architect exam you should have the following:

- Completed either the Fast Track to PegaRULES Process Commander v5.5 or Business Architect Essentials v5.5
- Experience gathering and building requirements to build a PRPC multi-process application

About the Exam Blueprint

The purpose of this exam blueprint is to provide a roadmap to the content on the Business Architect Certification exam to allow you to better prepare for the exam.

The blueprint includes test domain weighting, test objectives, and topical content. The topics and concepts are included to clarify the test objectives.

The exam is based upon the knowledge areas necessary for a Business Architect to be able to participate successfully in the design and building of multi-process PRPC applications.

Candidates are tested on their ability to:

- Understand the phases, goals and deliverables of Pegasystems' Implementation Methodology
- Analyze, design and create business requirements and Use Cases within the SmartBPM[®] Methodology
- Understand and/or apply key concepts and techniques in the design and construction of the components of a multi-process application
- Understand and apply PRPC application design principles on projects

- Understand the vocabulary around requirements gathering and Use Case creation within the context of building a PRPC multi-process application

Prerequisites

- You must have attended either Fast Track to PRPC v5.5 or BAE v5.5
- Experience gathering requirements and/or building Use cases

Exam Test Competencies

The table below lists the test competencies and the extent to which they are represented as an estimated percentage of test items.

Test Competencies	% of Exam
Project Implementation Methodology	28.57%
Process Flow	22.85%
Decision Rules	14.28%
UI	11.43%
Data Modeling	8.57%
Case Management	7.14%
Class Hierarchy and Structure	5.71%
Declarative Rules	1.43%

Exam Format

The exam consists of 50 multiple choice questions. You are given 90 minutes to complete the exam and the initial exam sign in form. A passing score of 70% is needed to be recognized as a PRPC Certified Business Architect (CBA)

Question Format

The examinee selects from one or more response options to answer a question. A response is considered correct when it accurately completes the statement or answers the question. Distracters or incorrect answers are plausible response options that examinees with incomplete knowledge are likely to choose.

Test item formats used in this examination are:

- **Multiple Choice** — Select one option that best answers the question or completes a statement.
- **Multiple Responses** — Select more than one option that best answers the question or completes a statement. The text states how many options are correct, such as Choose two.
- **Sample Directions** — Read the statement or question. From the response options, select the option(s) that represent the most correct or best answer(s) given the information provided.
- **True/False** — Read the statement or question. Select either true or false as the answer.

Test Competencies and Topics

Project Implementation Methodology

- Name the project phases
- Describe the goals and deliverables of each phase
- Understanding of how to gather requirements within the SmartBPM methodology
- Understanding requirement gathering in and the vocabulary around requirement gathering
- Understanding the different requirement types
- Identify the steps followed by the application Profile Wizard and Application Accelerator
- Identify Generated Documents

Class Hierarchy and Structure

- Have an understanding of Inheritance
- Define requirements within the context of inheritance and reuse

Process Flow

- Understanding of the SmartShapes used to build PRPC process flows
- Knowledge of the relationships between SmartShapes, rules and reuse
- Understand the benefits of placing a flow into Draft Mode
- Define and Create flow action rules
- Understand the difference between connector flow actions and local flow actions
- Understand how to use and modify standard flow actions
- Understand Work statuses and how Status is used in PRPC application design

Case Management

- Define the difference between the basic units of work
 - Work Object
 - Work Folder
 - Work Cover

Data Modeling

- Understand how and where the data is stored
- Create a data branch in an application
- Use data classes to store information related to work
- Understand the use of data classes as the bases of embedded pages, page lists, and page groups within an application

UI

- Define the different HTML rule types and their behavior in the construction of a PRPC multi-process application
- Harness
- Section
- Flow Action
- HTML Property
- Use the Rules Inspector to identify rule types and properties during DCO sessions

Decision Rules

- Understand decision rules and their use in PRPC applications
 - Decision Tree
 - Decision Table
 - Boolean
 - Decision Map
 - When Condition

Declarative Rules

- Understand the difference between declarative processing and procedural processing
- Understand the different types of Declarative rules and their uses in PRPC applications