

## Pega Certified System Architect (PCSA) Version 8 (2019)

### Exam Blueprint

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The Pega Certified System Architect (PCSA) certification is for developers and technical staff members who want to learn how to develop Pega applications. This certification provides a baseline measurement on your knowledge of Pega applications.

The PCSA Version 8 exam includes scenario questions, multiple choice questions and drag/drop items. If multiple answers are required, the text states how many responses are needed.

**EXAM CODE:** PEGAPCSA80V1\_2019

**RECOMMENDED PREREQUISITE:** *System Architect Essentials* course in [legacy Pega Academy application](#)

**LANGUAGES:** English | Japanese | French

**NUMBER OF QUESTIONS:** 60 | 1 hour 30 minutes | **PASSING SCORE:** 65%

#### EXAM TOPICS:

##### Pega Platform (5%)

- Situational Layer Cake™
- Application Development studios
- Roles on a Pega project

##### Case Management (26%)

- Designing a Case lifecycle – stages, user context, case statuses, adding instructions to assignments
- Setting a service level
- Controlling the flow of a case life cycle – optional actions, parallel processing, decision points, skipping a process or stage
- Routing work to users; approval routing
- Configuring a case hierarchy; enforcing a dependency; child cases; wait shapes
- Configuring and sending correspondence

##### Data Modeling (20%)

- Adding fields to a case type
  - Defining user views
  - Data in memory – clipboard, pyWorkPage
  - Manipulating case data – Setting property values automatically; Data transforms
  - Calculating case values – Declarative processing, Declare Expressions, Forward and Backward chaining
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**Validation (7%)**

- Validating case data
- Validate rules
- Edit Validate rules

**Information Exchange (15%)**

- Creating data types
- Managing data pages and views

**User Interface (12%)**

- Customizing user view layouts
- User forms; configuring sections, responsive UI behavior
- Creating dynamic content in user views
- Styling an application using skins

**Application Development (7%)**

- Unit testing rules
- Delegating business rules

**Reporting (8%)**

- Creating business reports
  - Types of reports
  - Organizing report results
  - Report optimization
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