Certified System Architect
EXAM BLUEPRINT
The Pegasystems Certified Professional Program

The Pegasystems Certified Professional Program has created a worldwide community of thousands of Certified Professionals, drawn by a commitment to excel in their ability to deliver world class Pega applications.

When a System Architect participates in the design and development of a Pega application there are fundamental, essential Pega skills and knowledge areas that must be applied to ensure success. It is these skills and knowledge areas that form the basis of the certification exam.

Thus, Pegasystems is committed to providing you the training, tools, and knowledge that you need to achieve Certification as a System Architect.

Path to the System Architect Certification

About the Exam Blueprint

The purpose of the blueprint is to provide you with a roadmap of the System Architect Certification exam content 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 System Architect to be able to participate successfully in the design and development of Pega applications.

Candidates are tested on their:

- Understanding of the Pega platform including Designer Studio and DCO tools
- Ability to analyse business needs and to organize them into stages and steps in a Pega application
- Ability to apply key concepts and techniques in the design and construction of the components of a multi-process application
- Ability to apply Pega 7 application design principles and best practices on projects
- Comprehension of the vocabulary used during requirement gathering within the context of building a Pega application.

Prerequisites

The suggested training prerequisites for this certification level are:

- System Architect Essentials I (7.1)
- System Architect Essentials II (7.1)
The skills and knowledge areas measured by this exam are derived directly from the content of these courses.

**Exam Test Domains**

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

<table>
<thead>
<tr>
<th>Test Domains</th>
<th>% of Exam</th>
</tr>
</thead>
<tbody>
<tr>
<td>Application Design</td>
<td>10.00%</td>
</tr>
<tr>
<td>Case Design</td>
<td>22.86%</td>
</tr>
<tr>
<td>Data Modeling</td>
<td>15.71%</td>
</tr>
<tr>
<td>User Interfaces</td>
<td>18.57%</td>
</tr>
<tr>
<td>Automating Business Policies</td>
<td>25.71%</td>
</tr>
<tr>
<td>Reporting</td>
<td>4.29%</td>
</tr>
<tr>
<td>Integration</td>
<td>2.86%</td>
</tr>
<tr>
<td>Total</td>
<td>100%</td>
</tr>
</tbody>
</table>

**Exam Format**

The exam consists of 73 multiple choice questions with three questions that are experimental items and are not scored. You are given 90 minutes to complete the exam and the Non-Disclosure Agreement (NDA) requirement. A passing score of 70% is needed to be recognized as a Pega Certified System Architect (CSA).
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.
- **True/False** — Read the statement or question. Select either true or false as the answer.

Test Topics

Application Design
- Class Structures
- RuleSets
- Application Express
- Guardrails
- Documentation

Case Design
- Case Definition
- Process Modeling

Data Modeling
- Data Elements
- Reference Data
- Data Transforms

User Interfaces
- Sections
- Layouts and Controls
- Flow Actions
- Harness

Automating Business Policies
- Routing
- Service Levels
- Decisions
- Notifications
- Declarative Processing
- Validations
Integration
- Connectors
- Services

Reporting
- Reports types in Pega 7
- Report Definition rules
- Filters
- Creating reports
- Optimization