The Lead System Architect (LSA) Readiness Exam Study Guide helps you prepare to take the LSA Readiness Exam. The LSA Readiness Exam is a comprehensive, standardized exam that evaluates your technical readiness to enter into the Lead System Architect course.

**About the candidates**

Prior to enrolling in the Lead System Architect course (7.3) candidates take the LSA Readiness Exam. Candidates must pass the exam prior to enrolling in the Lead System Architect course.

LSA Readiness exam candidates hold the following Pega credentials:

- Certified System Architect (CSA)
- Certified Senior System Architect (CSSA)
- Certified Pega Decision Consultant (CPDC) or Certified Senior Pega Marketing Consultant (CSPMC)
- Customer Service Ready badge
- Pega 7 Ready badge

Practical on-the-job experience is a critical part of preparation for this comprehensive exam. LSA Readiness exam candidates typically have a minimum of 12 months experience working at the Senior System Architect (SSA) level. As an SSA, candidates will be exposed to many areas of Pega beyond what they learned in the class. SSAs will have had time to explore numerous Pega features and learn from the PDN, help topics, courses, and other sources.

**LSA Readiness exam domains**

The LSA Readiness exam contains questions covering these test domains:

- Application Design
- Case Configuration
- Data Model Configuration
- User Experience
- Security Model Configuration
- Report Configuration
- Mobile Application Configuration
- Integration
- Background Processing
- Performance
Preparing for the exam

The LSA Readiness exam is a standardized exam delivered globally at Pearson VUE testing centers. Exam candidates are given 120 minutes to complete the exam.

Before challenging the LSA Readiness Exam complete all of the required courses, exams, and credentials. Following earning a CSSA credential, you are encouraged to work as a Senior System Architect for a minimum of 12 months. The exam tests knowledge learned in the classroom and experiences on the job.

Pega Academy

As an LSA Candidate, you already completed courses to prepare for the CSA, CSSA, and CPDC (or CSPMC) exams. Depending on the amount of time that has passed since earning your certification and the course version, you may want to review the current course (including exercises) to ensure you are familiar with the current product.

The links to following 7.2 self-study courses will help you prepare:

- System Architect Essentials: [https://academy.pega.com/enroll/C-570](https://academy.pega.com/enroll/C-570)
- Senior System Architect: [https://academy.pega.com/enroll/C-716](https://academy.pega.com/enroll/C-716)
- Pega Customer Service Foundation: [https://academy.pega.com/enroll/C-671](https://academy.pega.com/enroll/C-671)
- Implementing Pega Customer Service : [https://academy.pega.com/enroll/C-672](https://academy.pega.com/enroll/C-672)
- Pega Decision Management Essentials (7.21): [https://academy.pega.com/enroll/C-771](https://academy.pega.com/enroll/C-771)
- Pega Decision Management Advanced (7.21): [https://academy.pega.com/enroll/C-413](https://academy.pega.com/enroll/C-413)

Not all Pega projects expose Senior System Architects to the same product features and releases. Therefore, Pega Academy provides self-study courses to help you fill in gaps between your unique field experience and expected product knowledge.

The following 7.3 self-study courses help you fill those gaps:

- Customizing Security Requirements in Pega Applications: [https://academy.pega.com/enroll/C-817](https://academy.pega.com/enroll/C-817)
- Customizing the User Experience: [https://academy.pega.com/enroll/C-865](https://academy.pega.com/enroll/C-865)
- Configuring Agent Processing: [https://academy.pega.com/enroll/C-859](https://academy.pega.com/enroll/C-859)
- Improving Application Performance: [https://academy.pega.com/enroll/C-885](https://academy.pega.com/enroll/C-885)
- Creating Mobile Solutions: [https://academy.pega.com/enroll/C-807](https://academy.pega.com/enroll/C-807)

The Pega Platform 7.3 Help File

LSA candidates are expected to keep their skills current. LSA candidates need to understand the features and functions of each Pega Platform release. If you earned your CSSA on an earlier version of the Pega Platform, make sure to spend time reviewing the Platform 7.3 What’s New on the PDN: [https://pdn.pega.com/sites/pdn.pega.com/files/help_v73/procomhelpmain.htm](https://pdn.pega.com/sites/pdn.pega.com/files/help_v73/procomhelpmain.htm)
Study Guidance by test domain

In addition to reviewing the courses, What's New, and help files, this section guides you to specific topics that you may find helpful to prepare for the exam. [Note: Due to shortened URLs for Help topic links, you may need to click “Allow” the first time you are accessing a link.]

Application Design

Pega Help Topics

- [Declarative processing—Concepts and Terms](#)
- [Declare Trigger rules](#)
- [Delegating a rule or data type](#)
- [Rule delegation best practices](#)

Case Configuration

Pega Help Topics

- [Pausing a Process in a case](#)
- [Defining local actions for a paused process](#)
- [More about SLAs](#)
- [Work Party Rules](#)
Data Model Configuration

Pega Help Topics

- Class hierarchy and inheritance
- Data Transforms
- Activities
- Page List property
- Page Group property

Pega Discovery Network (PDN)

- Understanding data pages

User Experience

Pega Help Topics

- User interface — Concepts and terms
- Localization wizard
- Internationalization and localization
- About Edit Validate rules
- About Edit Input rules
- Pega Web Mashup
- Conversational user channels

Pega Discovery Network (PDN)

- Application Accessibility
  https://pdn.pega.com/application-accessibility
Security Model Configuration

Pega Help Topics

- Security rules and data
- System settings — Security policies tab
- Authentication services
- Access of Role to Object Rules
- Attribute-based access control
- Creating an access control policy
- Creating ABAC policies for a case
- Properties — Implementing and using the TextEncrypted type
- Encrypting the Storage Stream
- Storage stream encryption of selected classes
- Work Management page — Field Level Auditing tab
- Enabling password encryption
- External assignments through Directed Web Access

Pega Discovery Network (PDN)

- Authentication in the Pega 7 platform
  [https://pdn.pega.com/authentication-pega-7-platform/authentication-pega-7-platform-0](https://pdn.pega.com/authentication-pega-7-platform/authentication-pega-7-platform-0)
- Security checklist for Pega 7 platform applications
- Customizing CAPTCHA presentation and function
- Configuring login security and password policies
- Configuring Pega Web Mashup authentication
• Pega Web Mashup Data Security

• Password hashing
  https://pdn.pega.com/about-password-hashing/about-password-hashing

• How to encrypt passwords, properties, and BLOBs

Report Configuration

Pega Help Topics

• Property Optimization
• Standard Association rules
• About Function Alias rules
• More About Function Alias rules

Mobile Application Configuration

Pega Help Topics

• Offline capabilities
• Configuring a custom mobile app
• Configuring push notifications for an SDK app

Pega Discovery Network (PDN)

• How to configure offline capability for a mobile application
  https://pdn.pega.com/pega-mobility/how-to-configure-offline-capability-for-a-mobile-application
Integration

Pega Help Topics

- Integration Services
- Data mapping in services and connectors
- Configuring email accounts with the email wizard

Background Processing

Pega Help Topics

- Agents
- Agent rules – Completing the Schedule tab
- Mapping agents to node types
- Configuring node types for agents and listeners

Performance

Pega Help Topics

- Analyze system-wide usage with the Log-Usage class
- About the Performance Profiler
- Detecting lengthy service operations
- Working with the Shutdown Rule Usage facility
- System performance landing page
- About the Performance Tool
- Using the Log Files tool