PEGA 7 PLATFORM

LSA Readiness

7.3 – 7.4

Exam Study Guide

Pega® ACADEMY

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DOCUMENT: LSA Readiness Exam Study Guide
SOFTWARE VERSION: PEGA PRODUCT VERSION
UPDATED: 08 30 2018

LSA Readiness Exam Study Guide

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, 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)
- Customer Service Ready badge
- Pega Platform 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

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Preparing for the LSA Readiness 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 and CSSA 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 self-study courses will help you prepare:

- System Architect Essentials: https://academy.pega.com/enroll/C-1125
- Senior System Architect: https://academy.pega.com/enroll/C-916
- Pega Customer Service Foundation: https://academy.pega.com/enroll/C-798
- Implementing Pega Customer Service: https://academy.pega.com/enroll/C-933
- Pega Decisioning Consultant: https://academy.pega.com/enroll/C-1155

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
- Customizing the User Experience: https://academy.pega.com/enroll/C-865
- Configuring Agent Processing: https://academy.pega.com/enroll/C-859
- Improving Application Performance: https://academy.pega.com/enroll/C-885
- Creating Mobile Solutions: https://academy.pega.com/enroll/C-807

The Pega Platform 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 "What's New" in the Pega Community: https://community1.pega.com/sites/pdn.pega.com/files/help_v73/procomhelpmain.htm

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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

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Data Model Configuration

Pega Help Topics

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

Pega Community

- Understanding data pages
  https://community.pega.com/knowledgebase/articles/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 Community

- Application Accessibility
  https://community.pega.com/knowledgebase/capabilities/user-interface/accessibility

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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 Community

- Authentication in the Pega 7 Platform
  https://community.pega.com/knowledgebase/articles/authentication-pega-platform
- Security checklist for Pega 7 platform applications
  https://community.pega.com/knowledgebase/articles/security-checklist-deploying-applications
- Customizing CAPTCHA presentation and function
  https://community.pega.com/knowledgebase/articles/customizing-captcha-presentation-and-function
- Configuring login security and password policies
  https://community.pega.com/knowledgebase/articles/configuring-login-security-and-password-policies
- Configuring Pega Web Mashup authentication
  https://community.pega.com/knowledgebase/articles/configuring-pega-web-mashup-authentication
- Pega Web Mashup Data Security
  https://community.pega.com/knowledgebase/articles/pega-web-mashup-data-security

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- Password hashing
  https://community.pega.com/knowledgebase/articles/password-hashing

- How to encrypt passwords, properties, and BLOBs
  https://community.pega.com/knowledgebase/articles/creating-custom-cipher-pega-platform

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 Community

- How to configure offline capability for a mobile application

https://community.pega.com/knowledgebase/articles/configuring-offline-capability-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