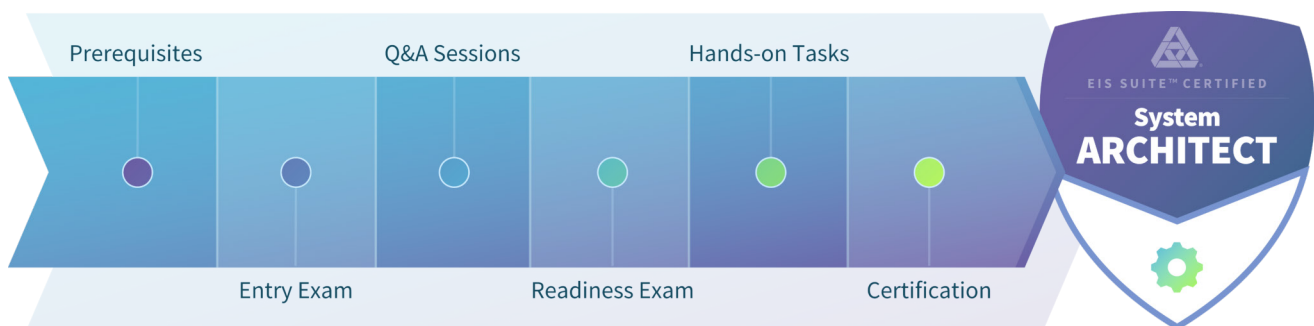


EIS Architect Certification

A blended approach consisting of self-study material, online examinations, an intensive bootcamp, and practical design tasks, this comprehensive program is designed to provide candidates a learning path to demonstrate proficiency as an EIS Suite Certified System Architect.

Learning Path





Step 1: Prerequisites

Skills and Experience Required

Participation in the EIS Suite™ Architect Certification requires the below prerequisite skills and experience.

- Four year degree in computer science or related field (or equivalent experience)
- Practical experience with Java
- Experience with the Spring Framework
- Prior EIS project experience is recommended
- Previous work experience with large scale applications
- Understanding quality requirements for architecture
- Architect experience in designing features

Complete Self-directed EIS University Courses

Prior to taking the Entry Exam, qualified candidates must complete these prerequisite self-study courses within EIS University. The expected duration of each course is listed below.

- EIS Suite Fundamentals (3 hours)
- EIS CoreVelocity™ Fundamentals (1.5 hours)
- EIS Architecture Fundamentals (4 hours)



Step 2: Entry Exam

After taking the prerequisite courses, participants then complete the Certification Entry Exam. This online entry exam assesses the candidates' knowledge and understanding of a variety of topics, including code-level design patterns, English language skills, enterprise application integration and architecture, estimation, open-source frameworks, databases, java enterprise edition, JSP, maven, mercurial, code reviews, high-level and low-level design, software development lifecycles, problem-solving, spring, scrum methodology, UML, object-oriented programming, and xml/SOAP.



Step 3: Virtual Q&A Sessions

After the successful completion of all prerequisites, candidates will then attend EIS Suite Architect Q&A Sessions. This is a two-week virtual, conference-style event, in which EIS Lead architects will share their knowledge and lead hands-on exercises for the certification candidates. It consists of a blended format, where candidates will review presentational recordings through EIS University (3-4 hours). This will then be followed by a live Q&A session in which EIS Group lead architects will share their knowledge of topics covered during that day's recording (1-2 hours), and free time to work on hands-on tasks to present on the following day.

Topics will include the principal domains of EIS Suite, design document guidelines, and practical tips and tricks useful for the architect's role:

- Architecture
- EIS Suite Platform
- Product Factory
- PolicyCore
- Rating, Taxes, and Commissions
- ClaimCore
- Integrations
- Billing Overview
- Installment Balances
- Invoices, Debt Processing, and Back Office
- Transaction Processing
- Hands-on Design Solution Exercises

Participating in these sessions will give you direct access to cases and practical experience in technologies EIS uses on a daily basis—or intends to adopt in the future. While attending, you will also have the opportunity to collaborate with other certification candidates and network with EIS architects.



Step 4: Readiness Exam

After completing the virtual sessions, your next step is to complete the readiness exam. This is a comprehensive online assessment and consists of topics relating to the prerequisite skills, training, and content covered during the EIS Suite Architect virtual sessions.



Step 5: Hands-on Tasks

Beginning after the virtual sessions and readiness exam, candidates will be assigned tasks to prove competency in various aspects of Suite. During this period, candidates will have access to an experienced senior architect. With regularly scheduled mentoring sessions, senior architects can provide guidance with current assignments, design tasks, and implementation alternatives. The duration of this period is 1-3 months. Actual time may vary depending on the candidate.



Step 6: Certification

To finalize the process, each candidate will submit design samples as outlined at the end of the architect bootcamp. These designs will then be reviewed and assessed by a senior EIS Architect based on a predefined matrix of design standards criteria.

After all program components have been successfully completed, the candidate will be awarded the EIS Suite Architect Certification¹.

¹Please note that Version 20 certification will be a separate program.