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SailPoint Certified IdentityIQ Engineer Certification Training

3 days (21 hours)

Overview

The SailPoint Certified IdentityIQ Engineer certification validates your ability to design, configure, and maintain an IGA platform with IdentityIQ. It is intended for teams that need to standardize the identity lifecycle, automate approval workflows, and strengthen compliance (access reviews, traceability).

This training prepares you for the exam by covering IdentityIQ fundamentals and real-world scenarios: application integration, identity modeling, access governance, and operations. The goal is to make participants self-sufficient in common engineering tasks and deployment best practices.

The approach is hands-on: guided workshops, demos, and configuration exercises (connectors, rules, workflows, certifications). Deliverables include configuration checklists, sample rules/workflows, and a troubleshooting methodology for resolving common issues.

Objectives

- Configure an IdentityIQ instance and its key components.
- Integrate identity sources and applications via connectors.
- Model identities, roles, entitlements, and access policies.
- Set up workflows (provisioning, requests, approvals).
- Prepare and run certifications and audit reports.

Target Audience

- IAM/IGA Engineers
- SailPoint IdentityIQ administrators
- Security consultants / integrators

- Developers working on rules and automations

Prerequisites

- Solid understanding of IAM (identities, provisioning, RBAC)
- Understanding of LDAP/AD and directory concepts
- Basic Java skills and the ability to read application logs
- SQL knowledge (simple queries)

Technical prerequisites

- PC with 16 GB RAM recommended (8 GB minimum)
- OS: Windows, macOS, or Linux (local admin access)
- Java (IdentityIQ-compatible JDK) and a modern browser
- Code editor and access to a terminal

SailPoint Certified IdentityIQ Engineer Training Program

[Day 1 - Morning]

IdentityIQ Architecture and IGA Fundamentals

- Positioning IdentityIQ within an IGA strategy: provisioning, governance, compliance
- Understanding the architecture: UI, services, database, connectors
- Key objects: Identity, Application, Account, Entitlement
- Identity lifecycle: sources, correlation, aggregation, refresh
- Hands-on workshop: Getting started with an IdentityIQ instance and exploring the main objects.

[Day 1 - Afternoon]

Identity modeling and data aggregation

- Configuring an Application: attributes, schema, correlation rules
- Configuring aggregation: accounts, groups, permissions, transformations
- Managing identities: Identity Cubes, calculated attributes, mapping
- Data quality: deduplication, exceptions, orphan account management
- Hands-on workshop: Create an application, run an aggregation, and validate identity correlation.

[Day 2 - Morning]

Provisioning and workflows (Joiner/Mover/Leaver)

- Provisioning chain: plans, requests, execution, and monitoring
- Configuring Provisioning Policies and request forms
- Workflows: structure, steps, transitions, variables, and error handling
- Events and automations: triggers, scheduled tasks, notifications
- Hands-on workshop: Implement a simple account creation workflow with manager approval.

[Day 2 - Afternoon]

Access, roles, and governance policies

- Modeling access: entitlements, managed attributes, descriptions, and owners
- Building Business Roles and IT Roles: hierarchy, inheritance, criteria
- Defining policies: SoD, sensitive access, compliance rules
- Campaigns and reviews: Access Certifications, scopes, decisions, remediation
- Hands-on workshop: Create a role, assign it to a user group, and launch an access certification.

[Day 3 - Morning]

Development and customization (rules, Beanshell, debugging)

- Overview of Rules: types, extension points, coding best practices
- Writing and testing BeanShell scripts: context, available objects, logs
- Customizing processes: correlation rules, transformations, validation
- Diagnostics: logging, traces, analysis of provisioning/aggregation errors
- Hands-on workshop: Develop an attribute transformation rule and validate it using logs.

[Day 3 - Afternoon]

Certification preparation and Engineer role simulation

- Review of exam topics: connectors, provisioning, roles, certifications, rules
- Implementation checklist: security, performance, scheduled tasks, backups
- End-to-end case study: from onboarding to access review with remediation
- Exam strategy: time management, common pitfalls, reading scenarios
- Hands-on workshop: Guided mini-project and practice quiz on key IdentityIQ Engineer topics.

Target Audience

This training is intended for both individuals and companies, large or small,

wishing to train their teams in new advanced IT technology or to acquire specific business knowledge or modern methods.

Entry-level assessment

The pre-training assessment complies with Qualiopi quality standards. Upon final registration, the learner receives a self-assessment questionnaire that allows us to evaluate their estimated proficiency in various types of technologies, as well as their expectations and personal goals regarding the upcoming training, within the limits imposed by the selected format. This questionnaire also allows us to anticipate certain connection or internal security issues within the company (intra-company or virtual classroom) that could pose challenges for monitoring and ensuring the smooth running of the training session.

Teaching Methods

Practical Course: 60% Practical, 40% Theory. Training materials distributed in digital format to all participants.

Organization

The course alternates between theoretical input from the trainer, supported by examples and reflection sessions, and group work.

Certification

At the end of the session, a multiple-choice quiz is used to verify that the skills have been properly acquired.

Certification

A certificate will be issued to each trainee who has completed the entire training program.