



SailPoint Certified IdentityIQ Engineer Exam Study Guide

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SailPoint Certified IdentityIQ Engineer Exam Study Guide

This guide will help you prepare for SailPoint's IdentityIQ Engineer certification exam.

Candidate Profile

Candidates for this exam are professionals who install, deploy, and configure IdentityIQ in their customers' lower environments and local sandboxes. Candidates should have a general understanding of identity governance and provisioning, have a moderate knowledge in Windows, UNIX, XML, Java, BeanShell development, and common databases and Application Servers. Candidates should also demonstrate a good understanding of the various components of IdentityIQ which will enable them to implement/develop the individual modules of a solution design.

Exam Format & Duration

You will have up to 90 minutes to take this exam, not counting any needed technical setup.

This exam uses the Discrete Option Multiple Choice (DOMC) question format, a unique system for multiple choice testing. DOMC is designed to protect the integrity of multiple choice tests, and by extension the test takers, from some of the pitfalls of traditional multiple choice tests. Instead of showing all the answer options at once, a series of options are randomly presented one at a time. For each option, the test taker chooses YES or NO, indicating whether he or she thinks the option is correct. To get the full question right, the candidate must correctly identify which options in the series are correct and which are incorrect.

DOMC deters test fraud, provides a more accurate assessment of test-takers' knowledge, and helps reduce "test bias" that can arise from test takers having inherent advantages such as native English proficiency or good test-taking skills.

DOMC questions provide a very different test experience. There is no "undo" or "back" or "skip question" capability, nor is there the ability to review questions at the end or to change answers. Therefore, it is important to carefully consider the question in front of you before clicking.

We strongly recommend that you try examples of a DOMC test to familiarize yourself with the format in advance. A couple of good examples are <http://trydomc.com/tests/21> and <http://trydomc.com/tests/20> (Click "Show Inner Workings" within each question to see how these tests operate.)

Here is a whitepaper on DOMC if you want to learn more:

http://trydomc.com/pdf/DOMC_whitepaper.pdf

Preparing for the Exam

This section outlines the areas of expertise covered by the exam and some resources you can use to prepare for it. There are three main areas of content that will help you learn the IdentityIQ product and prepare for the exam:

- **IdentityIQ Training** (both instructor-led and self-paced),
- **IdentityIQ Product Documentation**
- **IdentityIQ Whitepapers** posted on Compass, SailPoint's online community.

Training and General Resources

- IdentityIQ Training Courses on [Identity University](#):
 - Recommended: *IdentityIQ Implementation and Administration: Essentials*
 - Recommended: *IdentityIQ Implementation: Rules, Scripts, and API*
 - Recommended: *IdentityIQ Implementation: Advanced Provisioning and Workflows*

Note: Previous course versions such as *IdentityIQ Implementation: Essentials* v7.2 or *Fundamentals of IdentityIQ Implementation* v7.1 (or earlier), can be substituted for *IdentityIQ Implementation and Administration: Essentials* and *IdentityIQ Implementation: Rules, Scripts, and API*
- [IdentityIQ Product Documentation](#)
- [IdentityIQ Technical Whitepapers](#)
- [BeanShell Developer's Guide for IdentityIQ](#)

Product Architecture

1.1 Product Architecture

- [Recommended IdentityIQ Deployment Architectures](#)
- [IdentityIQ Hardware Sizing Guide](#)

1.2 Installation

- Product documentation: IdentityIQ Installation Guide
- [Setting Up an IdentityIQ Sandbox on Windows](#)

1.3 Create Extended Attributes

- [Managing Extended Attributes](#)
- [Simplify Your Custom Logic Using Extended Attributes](#)

1.4 Ongoing Build & Deployment

- [Best Practices - Deployment, Migration, and Artifact Management](#)

Lifecycle Manager

2.1 Lifecycle Manager Configuration

- Product documentation: IdentityIQ Administration Guide

2.2 Lifecycle Events and Workflows

- [Lifecycle Manager Workflows](#)
- [LCM Subprocess Workflows](#)

2.3 Quicklinks and Quicklink populations

- [Quicklinks 7.1+](#)
- [IdentityIQ 7.0: QuickLinks Basics](#)

2.4 Batch Requests

- Product documentation: IdentityIQ User Guide

Identity Governance

3.1 Configure Certifications

- [Certification Generation - Large Deployments](#)
- [Lifecycle of a Certification](#)
- [Testing Certification Reminders and Escalations](#)

3.2 Configure Policies

- [Policies](#)

3.3 Reporting

- Product documentation: IdentityIQ Administration Guide
- [Standard Reports](#)

Custom Development

4.1 Development of Rules

- [Rules in IdentityIQ 7.0 - 7.2 white paper](#)

4.2 Development of Workflows

- Product documentation: IdentityIQ Administration Guide
- [Forms 7.0+](#)
- [Lifecycle Manager Workflows](#)
- [LCM Subprocess Workflows](#)

4.3 Branding and Style Changes

- [Branding IdentityIQ 7.1+](#)
- [Enterprise Localization of IdentityIQ](#)

4.4 SailPoint API

- Product documentation: IdentityIQ SCIM API Reference

4.5 Email Templates

- [Email Template Usage and Customization](#)
- [Email Template Arguments.pdf](#)

4.6 Version Control

- [Setting Up a New IdentityIQ Project with Source Control and Build Tools](#)
- [IdentityIQ Deployment Accelerator - User's Guide](#)

General Configurations

5.1 Configure tasks

- Product documentation: IdentityIQ Administration Guide
- [Task Management in IdentityIQ 7.2](#)
- [Partitioning Best Practices](#)

5.2 Configure attribute mappings

- [Managing Extended Attributes](#)
- [Simplify Your Custom Logic Using Extended Attributes](#)

5.3 Configure applications

- Product documentation: SailPoint Direct Connectors Administration and Configuration Guide
- Product documentation: SailPoint Integration Guide
- [Supported Connectors for IdentityIQ](#)
- [Troubleshooting Guide for Connectors](#)
- [Delimited File Application Configuration](#)

5.4 Role configuration

- [Role Management in IdentityIQ](#)
- [Roles and Multiple Accounts](#)
- [Birthright Provisioning](#)

5.5 Configure IIQ Access

- [IdentityIQ Login Configuration](#)
- [Using the IdentityIQ Keystore](#)

5.6 Configure Simple Mail Transfer Protocol (SMTP)

- [Best Practices: Email Configuration](#)

Debugging and Troubleshooting

6.1 log4J and Syslog

- [IIQ.properties Settings](#)
- [Logging and Auditing](#)
- [Workflow Tracing with Log4J](#)
- [Changes to Logging](#)

6.2 Auditing

- [Audit Configuration in IdentityIQ](#)

6.3 IIQ Console

- Product documentation: IdentityIQ Administration Guide

6.4 Debug Page and Unit Testing

- [Debug Pages](#)