SS&C | Blue Prism® Associate Developer
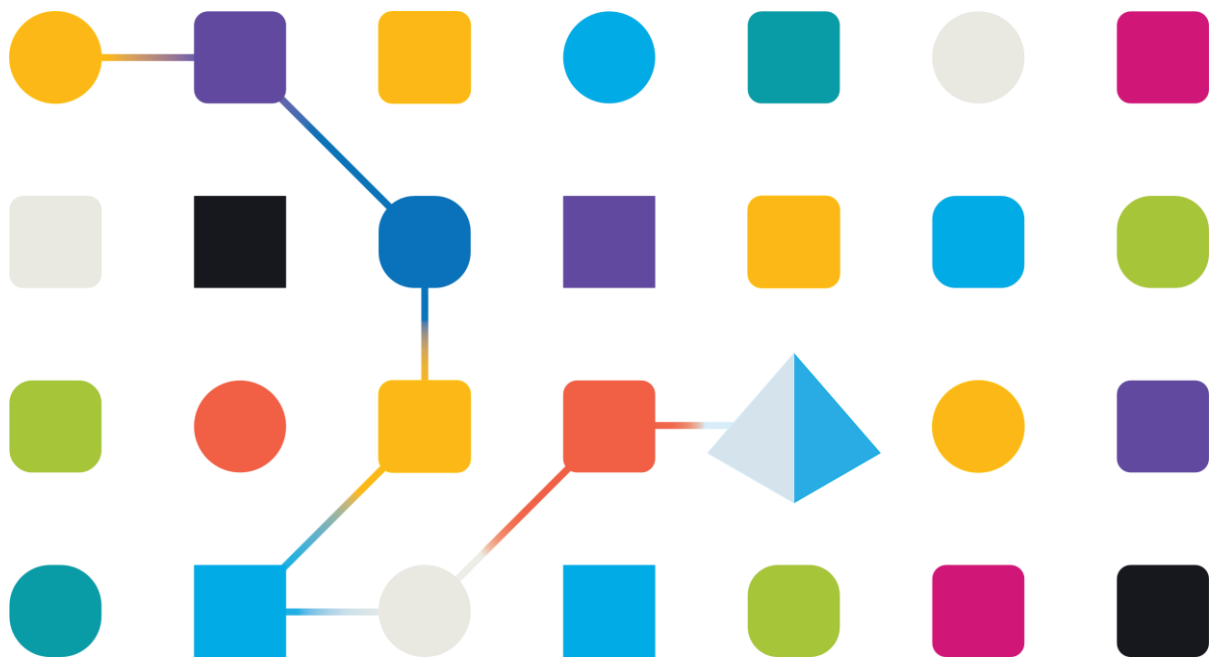
Certification Handbook

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Contents

Introduction

The SS&C | Blue Prism® Associate Developer exam focuses on testing the basic skills and knowledge required to configure a simple SS&C Blue Prism process automation solution.

The SS&C | Blue Prism® Associate Developer exam evaluates a developer's understanding of the basic concepts and functionality in the SS&C Blue Prism environment. It is an internationally recognized certification that identifies the individual as possessing the skills of a SS&C | Blue Prism® Associate Developer. Getting certified empowers the individual to distinguish themselves from the competition and increases marketability.

Target Candidates

The target candidates are developers who begin the journey in building and configuring SS&C Blue Prism process automation and objects using core workflow principles. Candidates need to understand the core features and functionalities of SS&C Blue Prism processes.

The target candidates could hold, or be seeking for, a role in a robotic automation environment, including but not limited to, junior developer, developer, lead developer, technical support, ROM architect, and process analyst.

A qualified candidate could be an individual who:

- Has completed the SS&C | Blue Prism® Associate Developer Certification Learning Plan either by self-study at the SS&C | Blue Prism® University and/or attended an instructor-led workshop from SS&C Blue Prism or one of its authorized training partners

Badging

SS&C Blue Prism is in a partnership with Credly and awards digital badges to individuals who successfully pass the SS&C | Blue Prism® Associate Developer exam. If you successfully pass your exam, you will receive an email notification from Credly with instructions for claiming your badge and setting up your account. Digital Credly badges help learners promote their achievements. Visit the Frequently Asked Questions site for further information about digital badging.

Registration and Scheduling

To schedule the SS&C | Blue Prism® Associate Developer exam, please visit Pearson Vue website or visit the Frequently Asked Questions site for further information about registering and scheduling an exam online or at a test center.

Associate Developer Certification Learning Plan

Training Courses

To prepare for the SS&C | Blue Prism® Associate Developer Certification exam you should complete the SS&C | Blue Prism® Associate Developer Certification Learning Plan, consisting of:

- Basic Awareness
- Foundation Training
- Process Templates
- Credentials and Credential Manager
- Advanced-Data Items
- Advanced Attribute Matching

Certification

Once all the training courses are complete a candidate is prepared for the SS&C | Blue Prism® Associate Developer exam. The exam is delivered either in a Pearson VUE test center or online and consists of 50 questions covering the basic development aspects within the SS&C | Blue Prism® Enterprise.

A score of 70% is required by the candidate to pass.

Training Options

- **Portal Registration** & enroll in the **SS&C | Blue Prism® Associate Developer Certification** at SS&C | Blue Prism® University. SS&C | Blue Prism® Associate Developer Certification Learning Plan is a comprehensive online training for you to prepare for the Associate Developer exam at no cost to the individual
- You can also download **SS&C | Blue Prism® Learning Edition** at no cost for practice

- OR -

- SS&C Blue Prism courses at a **SS&C | Blue Prism® Accredited Training Partner**

- OR –

- Other training or self-learning cources that cover the objective listed in the Exam Content Outline

Exam Content Outline

Objective 1: Basic Awareness (6%)

A basic awareness of the SS&C | Blue Prism® Enterprise and understand the need for Intelligent Automation.

- Task 1.1 Describe SS&C | Blue Prism® Enterprise key concepts

Objective 2: Process Studio / Flow (19%)

The Process studio allows you to create, edit and test processes using a graphical drawing interface to create a flowchart using drag and drop process objects.

- Task 2.1 Understand the purpose of a SS&C Blue Prism process
- Task 2.2 Comprehend the different stage types in the Process Studio
- Task 2.3 Construct common logic diagrams
- Task 2.4 Understand outcomes from logic stages

Objective 3: Object Studio / Business Objects (13%)

Object Studio facilitates the creation of business objects by providing a familiar flow chart interface, as used in Process Studio. Such business objects are known as Visual Business Objects.

Along with web services, business objects provide the means of interacting with external systems from your process flow chart in Process Studio. Business objects provide a series of actions that can be called a process.

- Task 3.1 Comprehend the different stage types in the Object Studio
- Task 3.2 Understand element attributes and match types
- Task 3.3 Compare techniques for dynamic attribute matching and best practices

Objective 4: Data Types and Variables (13%)

SS&C | Blue Prism® Enterprise has a number of built-in data items used for storing data.

- Task 4.1 Compare different types of data items used for variables
- Task 4.2 Identify different data types

Objective 5: Exception Handling (10%)

Exceptions occur during the running of a process for various reasons. Usually, when an exception occurs, the process stops, and its status in Control Room shows as Terminated. Sometimes, it is not desirable for the process to stop when an exception is encountered. In certain contexts, we can handle the exception and continue with processing.

- Task 5.1 Identify System and Business exceptions and best practices for preserving exception details
- Task 5.2 Employ Recover and Resume stages in Process Building
- Task 5.3 Summarize SS&C Blue Prism approach to unhandled exceptions

Objective 6: Work Queues (13%)

Work queues provide a mechanism for modelling the queuing, locking, and reporting of work items within a SS&C Blue Prism environment.

- Task 6.1 Compare where work queues can be created & maintained
- Task 6.2 Demonstrate the basics of Work Queues functionality

Objective 7: Calculations and Functions (8%)

Expression can be created in a variety of ways. They can be typed directly into the expression editor or can be built in the Expression Function Builder and pasted to the expression editor.

- Task 7.1 Understand SS&C Blue Prism expression fundamentals
- Task 7.2 Demonstrate knowledge of basic Data and Text functions

Objective 8: Debugging (6%)

The debugging facility can be used in multiple areas of SS&C | Blue Prism® Enterprise.

- Task 8.1 Comprehend the importance of debugging
- Task 8.2 Predict Debugging execution techniques outputs
- Task 8.2 Outline Breakpoint functionality

Objective 9: Credentials and Credential Manager (5%)

The SS&C | Blue Prism® Credential Manager provides a repository for login details.

- Task 9.1 Summarize the credentials manager and its functionality

Objective 10: General (8%)

Items under this Objective do not fall under any other objective and can range from items like Environmental Variables, Control Room, Templates, and the Application Modeler.

- Task 10.1 Understand the Control Room's functionality
- Task 10.2 Summarize the importance of Templates

Preparation Materials

Learning Courses from SS&C | Blue Prism® University

- Basic Awareness
- Foundation Training
- Process Templates
- Credentials and Credential Manager
- Advanced-Data Items
- Advanced Attribute Matching

Further Product Training

- Developer Jumpstart - Templates
- SS&C Blue Prism Best Practices

Exam Details

Document Title	Description
Certification Name	SS&C | Blue Prism® Associate Developer
Pre-requisites	None. However, completion of the "SS&C | Blue Prism® Associate Developer Certification Learning Plan" is highly recommended
Number of Questions	50
Language	English
Exam Duration	50 Minutes *Candidates from countries where English is not an official language may be awarded an extra 30 minutes.*
Passing Score	70%
Exam Fee	USD$140 except for the following countries: Gibraltar, Guernsey, Isle of Man, Jersey, United Kingdom: GBP£100 Andorra, Austria, Belgium, Cyprus, Estonia, Finland, France, Germany, Greece, Ireland, Italy, Latvia, Liechtenstein, Lithuania, Luxembourg, Malta, Monaco, Netherlands, Portugal, San Marino, Slovakia, Slovenia, Spain, Vatican City State: EUR€120 Japan: JPY¥15,200