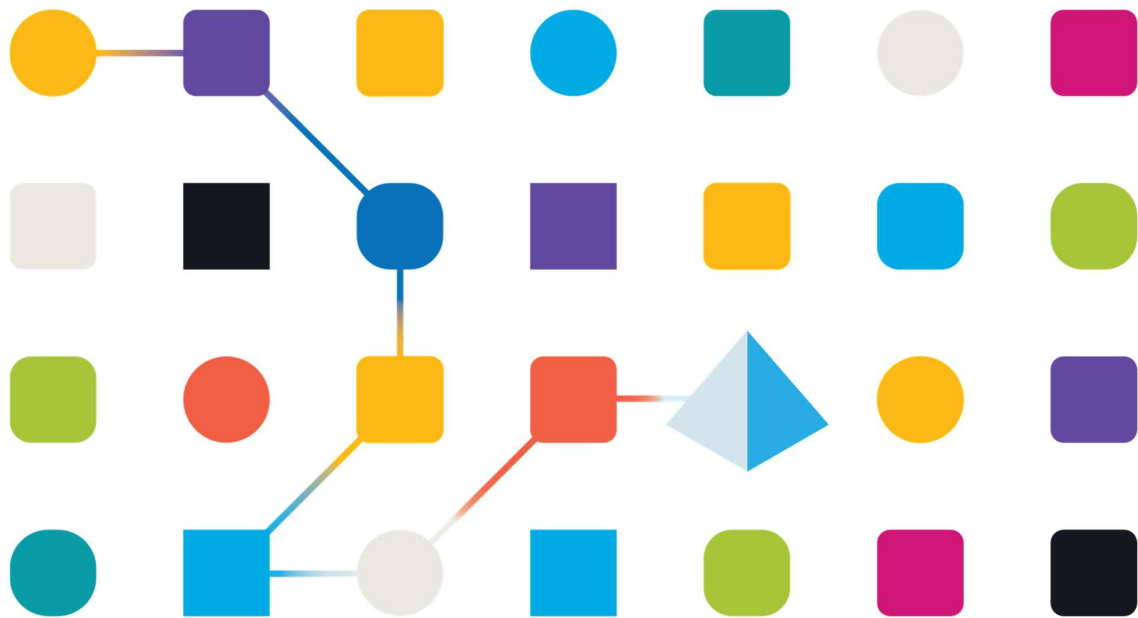




SS&C | Blue Prism® Developer Certification Handbook

Document Revision 2.0

Updated 2024



Trademarks and copyright

The information contained in this document is the proprietary and confidential information of Blue Prism Limited and should not be disclosed to a third party without the written consent of an authorized Blue Prism representative. No part of this document may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying without the written permission of Blue Prism Limited. All trademarks are hereby acknowledged and are used to the benefit of their respective owners. Blue Prism and its affiliates are not responsible for the content of external websites referenced by this document.

Blue Prism Limited, 2 Cinnamon Park, Crab Lane, Warrington, WA2 0XP, United Kingdom.
Registered in England: Reg. No. 4260035. Tel: +44 370 879 3000. Web: www.blueprism.com

© 2022 “Blue Prism,” the “Blue Prism” logo and Prism device are either trademarks or registered trademarks of Blue Prism Limited and its affiliates. All Rights Reserved.

Contents

- Introduction 4
 - Target Candidates..... 4
 - Badging 4
 - Registration and Scheduling..... 4
- Developer Certification Learning Plan 5
 - Training Courses 5
 - Advanced Consolidation Exercise 5
 - Exam Preparation..... 5
 - Certification..... 5
- Training Options..... 2
- Exam Content Outline 3
 - Objective 1: Object Development (35%) 3
 - Objective 2: Process Development (35%)..... 3
 - Objective 3: Process Implementation (20%)..... 3
 - Objective 4: Best Practice (10%) 3
- Exam Details 10

Introduction

The SS&C | Blue Prism® Developer Certification is for candidates who have robotic automation knowledge and can work in a variety of Blue Prism® Enterprise environments. The Developer exam evaluates a developer's understanding of the mandatory Blue Prism Developer concepts and functionality. It is a globally recognized certification that identifies the individual as possessing the skills of a Blue Prism Developer. Getting certified empowers the individual to distinguish themselves from the competition and increases marketability.

Target Candidates

The target candidates are developers who build and configure Blue Prism process and objects using core workflow principles that are efficient, well structured, maintainable, and easy to understand by standard Blue Prism design principles and best practices. Candidates need to be able to problem-solve the running of Blue Prism processes and create and document test procedures and scenarios to support the operational team during the User Acceptance Testing and roll-out phases.

The target candidates could hold 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 passed the SS&C | Blue Prism® Associate Developer Certification examination (recommended)
- Has completed the SS&C | Blue Prism® Developer Certification Learning Plan either by self-study at the Blue Prism University and/or attended an instructor-led workshop from Blue Prism or one of its authorized training partners
- Has three months hands-on automation development experience (Strongly recommended)

Badging

S&C | Blue Prism® is in a partnership with Credly and award digital badges to individuals who successfully pass the 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 Blue Prism Developer exam, please visit the [Pearson Vue website](#) or visit the [Frequently Asked Questions](#) site for further information about registering and scheduling an exam online or at a test centre.

Developer Certification Learning Plan

Training Courses

To prepare for the Blue Prism Developer Certification exam you should complete the [Developer Certification Learning Plan](#), consisting of:

- Introduction to Blue Prism Intelligent Automation
- Introduction to the Blue Prism Robotic Operating Model™ (ROM2)
- Introduction to Blue Prism Product Portfolio
- Blue Prism Onboarding a Digital Worker
- Introduction to Help & Support Resources
- Blue Prism Foundation Training
- Blue Prism Process Templates
- Blue Prism Credentials and Credentials Manager
- Advanced Data Items
- Advanced Attribute Matching
- Advanced Exception Handling
- Advanced Work Queues
- Using the Scheduler
- Process Delivery Roadmap
- Creating a Blue Prism® Process
- Business Object Design: Best Practice
- Solution Design Overview
- Process Building and Debugging
- Modern Browser Automation
- Surface Automation Fundamentals
- Further Developer Learning
- Advanced Consolidation Exercise (ACE)
- Developer Certification Exam Preparation

Advanced Consolidation Exercise

The Advanced Consolidation Exercise (ACE) is a scenario-based exercise that provides the candidates with the process and objects examples that simulate the real-life issues candidates may be exposed to in a live project. The ACE is built on a lighter process version of the BP Travel System Process.

Exam Preparation

This [practice test](#) is to help you get an idea of what to expect when you sit the Blue Prism Developer Certification exam.

Certification

Once all the training courses are complete a candidate is prepared for the Blue Prism Developer exam. The exam is delivered either in a Pearson VUE test center or online and consists of 60 questions covering all development aspects within the Blue Prism Enterprise. A candidate will be allocated a time limit of 75 minutes to complete the exam.

Training Options

- [Portal Registration](#) & enroll in the [SS&C | Blue Prism® Developer Certification Learning Plan](#) at Blue Prism University. Developer Certification Learning Plan is a comprehensive online training for you to prepare for the 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 [Blue Prism Accredited Training Partner](#)

- OR -

- Other training or self-learning sources that cover the Objective listed in the Exam Content Outline.

Exam Content Outline

Objective 1: Object Development (35%)

- Create standard action types following best practice design standard
- Demonstrate how to organize and label Objects
- Demonstrate Application Modeller elements and labelling conventions
- Apply different spy modes to interact with various applications
- Build and use wait stages

Objective 2: Process Development (35%)

- Demonstrate how to use process templates for consistent process structure
- Build work queues to manage work items
- Construct advanced work queue actions for process requirements
- Utilise credential manager in keeping with best practice standards
- Demonstrate the use of environment variables in keeping with best practice standards
- Demonstrate when to reuse existing objects, pages and sub-pages
- Build basic Choices, Decisions, Calculations, Data Items and Collections by the expression editor
- Understand the use of advanced functions to solve complex process requirements
- Illustrate knowledge of common process utilities
- Handle exception handling types, retry loops, breakpoints and blocks
- Demonstrate the use of Loops
- Build stop controls in a process
- Demonstrate how and when to use Environment Locks
- Understand how to import and use pre-built skills

Objective 3: Process Implementation (20%)

- Run test of actions and processes to reduce errors
- Create debugging steps in different scenarios
- Run a process in control room and solve process errors
- Demonstrate appropriate usage of stage logging
- Understand how schedules are configured to run a process in production
- Create a release file in Release Manager

Objective 4: Best Practice (10%)

- Apply best practice principles when creating processes
- Identify proper documentations to follow during automation development

Exam Content Outline Contributors:

Alex Alcalde

Vijay Alagarsamy

Kay Guiden

Matt Williams

Yadav G H

Ben Lyons

Jayne Mather

Jayne Tremlett

Leona Vanderhoof

Exam Details

Document Title	Description
Certification Name	SS&C Blue Prism® Developer
Pre-requisites	None However, completion of the “SS&C Blue Prism® Developer Certification Learning Plan” with three months of hands-on experience is highly recommended
Number of Questions	60
Language	English, Japanese, Spanish, Simplified Chinese
Exam Duration	75 Minutes <i>* Candidates from countries where English is not an official language may be awarded an extra 30 minutes.</i>
Passing Score	70%
Exam Fee	USD\$150 except for the following countries: Gibraltar, Guernsey, Isle of Man, Jersey, United Kingdom: GBP£120 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€135 Japan: JPY¥16,000