

HCLSoftware Certified Content Developer – BigFix Platform 11 Certification Exam Guide

Introduction

This **expert level** exam certifies that the successful candidate is knowledgeable about the various development languages and tools used to create custom content for HCL BigFix Platform 11.x. The successful candidate must demonstrate advanced knowledge of HCL BigFix Client Relevance, Action Script, Session Relevance, and the REST API. They must know how to use these tools to develop custom content such as Fixlets, Tasks, and reports. They should also have basic knowledge about how to leverage the REST API to perform integrations and automations with BigFix.

The content developer is self-sufficient and able to perform most of the tasks involved in this role with a limited amount of assistance from peers and vendor support services. They also demonstrate that they can efficiently use the product documentation to assist them as necessary to perform the activities required of an individual in this role.

Recommended Skills

- BigFix Console, WebUI, Presentation Debugger, Explorer, Web Reports QnA, and Fixlet Debugger
- Basic knowledge of operating systems
- Intermediate knowledge of networking
- Intermediate knowledge of code editors or integrated development environments
- Intermediate knowledge of scripting and programming
- Code testing and troubleshooting procedures

Exam Format

- Multiple choice – one correct response out of four choices
- Multiple Response – two or more correct responses out of five or more choices
- Number of questions: 40
- Passing score: 70% (28/40)
- Exam duration: 90 minutes

Unanswered questions are scored as incorrect; there is no penalty for guessing.

Exam Results

The exam is scored using the Angoff method which is the lowest pass/fail cutoff score that a minimally qualified candidate is likely to achieve on the exam. This score was calculated by using a panel of subject matter experts who reviewed each question and performed an assessment of the level of difficulty of each question. This assessment is a prediction of the number of minimally qualified candidates that will answer the question correctly

Based on this review, the minimum score required to pass the exam is **28** out of a possible of 40.

Your score report could contain a table of exam competencies that illustrate your performance for each of the areas that were tested. This information is intended to provide general feedback about your exam performance and help you determine the areas where further study might be required. You do not need to achieve a passing score for each competency area. You only need to pass the overall exam.

Exam Content

This exam guide includes competency areas and weightings for the exam as seen below.

This exam covers content specifically for HCL BigFix Content Developer 11.

Competency Area	% of Examination
Content Development Tools, Testing and Troubleshooting	15%
Client Relevance	40%
Action Script Language	20%
Session Relevance	15%
REST API	10%
TOTAL	100%

Competency Area 1: Content Development Creation

1.1 BigFix Content Development Tools

- Creating Fixlets and Task in the BigFix Console
- Web Reports QNA
- WebUI Query Tool

1.2 Testing and Troubleshooting

- The Presentation Debugger
- The Fixlet Debugger
- Error Messages
- Syntax Checking
- Introspection

Competency Area 2: Client Relevance

- 2.1 String Handling
 - Concatenation
 - String Parsing
- 2.2 Program Control
 - If-Then-Else
 - Logical Operators (And, Or)
- 2.3 Filtering
 - Whose-It
 - It-without-Whose
 - Unique Values (sorting and de-duplication)
- 2.4 Tuples
- 2.5 File Handling
- 2.6 Casting
- 2.7 Date and Time
- 2.8 Plurality and Error Handling

Competency Area 3: Action Script

- 3.1 BigFix Action Script Language
 - Client Commands
 - Download Commands
 - Execution Commands
 - Flow Control Commands
 - Registry Commands
 - Relevance Substitution
 - Override

Competency Area 4: Session Relevance

- 4.1 Session Relevance Purpose and Function
 - Database Queries
 - Console Presentation (Dashboards, Wizards, and Domains)
- 4.2 Custom Web Reports
- 4.3 Property Results and Action Results
- 4.4 BES Objects
- 4.5 Sets
 - Set Operation
 - Set Behavior

Competency Area 5: REST API

- 5.1 Rest API Methods
 - PUT, GET, POST, and DELETE
- 5.2 User Authentication
- 5.3 Performing Queries
- 5.4 IEM CLI

Exam Preparation Resources

It is recommended to utilize the following resources for the HCLSoftware Certified Developer – BigFix Content Developer 11 Certification exam. These resources and additional training are not required before taking the exam but are highly recommended. They provide opportunities to learn from experts and expand on your knowledge.

- [BigFix Forum](#)
- [Virtual Training Courses](#)
- [Product Documentation](#)
- [BigFix Wiki](#)
- [BigFix Developer Page](#)
- [BigFix Technical Advisors Videos](#)

Exam Registration

Registration for this exam is available on the HCLSoftware U page that is located on the Pearson Vue website.

<https://home.pearsonvue.com/hclsoftwareacademy>