

Broadcom Agile Requirements Designer Training

OEM: Broadcom • Duration: 3 Days (24 hrs) • Code: BC-250-565

COURSE MODULES & TOPICS

Understanding Agile Requirements Designer (5%)

- Introduction to ARD
- Product components and their functions

Modeling Fundamentals (20%)

- Core features: File Management, Components of a Model, Blocks, Edges
- Features to generate paths and test cases: Paths, Path Explorer, Pins, Filters, Constraints
- Best practices for building and updating a model from requirements

Optimization and Generation (20%)

- Use the Path Explorer to generate, view, filter, sort, and store paths
- Use Path Explorer options to optimize test coverage
- Create and export test cases based on generated paths

Sub Flows and Model Scalability (15%)

- Create Subflows to call a model into another model
- Update Subflows and the models referencing them
- Integrate Subflow test cases into referencing models

Integration and Connectors (5%)

- Import flows from generic flow charting tools
- De-duplicate large imported flows
- Export optimized flows back to generic formats
- Import test suites from common testing tools
- Integrate with lifecycle management tools (HPE ALM)
- Link blocks to items inside external applications

Automation (15%)

- Define the role of an automation configuration (config) file

- Load and unload config files from a model
- Align automation snippets from a config file to a model
- Export automation scripts using a config file
- Create a config file

Test Data (15%)

- Define test data and variables in ARD
- Differences between static and dynamic data
- Create static and dynamic test data variables
- Manage variables in model properties
- Connect to an external test data repository
- Use variables in models containing subflows
- Use the Test Data table to view and export test data values

ARD Hub (5%)

- Install the ARD Hub
- Use the ARD Hub for sharing, collaborating, and reviewing models