



Building Splunk Classic Apps (BAWS)

Course ID #: 7000-1116-ZZ-Z

Hours: 9

Course Content

Description:

This 9-hour course focuses on Splunk app and add-on development. It's designed for application developers who want to create new apps for Splunk Enterprise and Splunk Cloud. Major topics include planning apps, building a data generator, creating custom search commands and REST endpoints, app packaging and deployment, and more.

Objectives:

Upon successful completion of this course, students will:

- Plan, build, and manage Splunk apps
- Create a data generator
- Develop a custom search command
- Extend the Splunk REST API
- Construct a workflow action
- Validate an app with AppInspect
- Package and deploy an app

Prerequisites:

To be successful, students should have a solid understanding of the following:

Splunk system administration, Splunk data administration, and Python or a similar scripting language

Target Audience:

Advanced Splunk users, administrators, and developers.

Topics:

Topic 1 – Planning Apps

- Describe apps and add-ons
- Set up a development environment
- Improve app performance
- Use security best practices

Topic 2 – Adding Data

- List types of data inputs
- Explain modular vs scripted inputs
- Review types of knowledge objects
- Create a data generator

Topic 3 – Creating Apps

- Create a basic app
- Configure app properties
- Identify app components
- Manage apps and add-ons

Topic 4 – Custom Search Commands

- Identify search command types
- Create a search command
- Examine Splunk metadata
- Configure access control



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Topic 5 – Custom REST Endpoints

- Identify REST handler types
- Create a REST endpoint
- Examine Splunk metadata
- Configure access control

Topic 6 – Custom Workflow Actions

- Identify workflow action types
- Create a workflow action
- Examine workflow action parameters
- Configure access control

Topic 7 – Packaging Apps

- Create an app setup page
- Explain config file precedence
- Use AppInspect to validate an app
- Produce a deployable app

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NASBA CPE details are provided on the following pages.



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NASBA Information

Level:

Advanced Preparation:

Attendance Requirement: To be awarded the full credit hours, you must sign in and attend the entire course.

Recommended Field(s) of Study:

Recommended CPEs: 0.00

Policies: Course Registration, Cancellation, Refund, and Complaint Resolution

For more information regarding administrative policies such as complaint and program cancellation policies, please contact our offices at 800-639-3535 or visit us at: www.tcworkshop.com

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