

Level 3: Corepoint Integration Engine Class Outline

The Level 3 training class for Corepoint Integration Engine focuses on optimizing your interfaces, processes, workflows, and environment.

In this instructor-led, two-day class, we will dissect Action Lists to measurably improve their performance, resulting in faster throughput and more efficient development time. We will learn how Test Coverage and Test Collections can be used to improve Action List testing. And, we will learn how to optimize alert configurations, to make sure the right people are being notified at the right times for each interface. We will use the graphs and metrics in Corepoint Integration Engine Monitor, which are helpful tools that drive decision making and alert us to potential areas of optimization.

At the end of this class, you will be equipped to go back to your organization with a checklist of items you can use to optimize your interfaces and development practices.

Who should attend?

- Our customers have told us they recommend one year experience building interfaces in Corepoint Integration Engine to get the most out of Level 3, but you are welcome to register after completing Level 1 training.
- You want to make your interfaces perform more efficiently by fine tuning your interfaces and optimizing your current environment.
- You want to collaborate with other customers on how their organizations are using the engine for optimal performance.

Day 1

Introduction

Meet the instructors and proctors. Understand the class objectives.

Optimize Testing Using Test Collections

- Discuss the benefits of using test collections.
- Product demo of creating and using test collections to improve testing.
 - Compare against base runs when performing upgrades and conversions.
 - Use Test Coverage to know if messages are missing.
- Activity: Create a Test Collection

Identify and Resolve Message Throughput Issues

Use Activity Graphs, Message Metadata, and Action List Profiling to troubleshoot message throughput issues.

- Activity 1: High Inbound Servicing Time and High Queue depth but no large influx of messages. Troubleshoot and resolve the issue by making modifications to the Action List.
- Activity 2: High Inbound Servicing time no large influx of messages. Troubleshoot possible causes, and resolve the issue. Troubleshoot and resolve the issue by making modifications to the Action List.
- Activity 3: High inbound Servicing Time with a large influx of messages received. Troubleshoot possible causes, and resolve the issue. Troubleshoot and resolve the issue by making modifications to the Action List.

Day 2

Review of Day 1

Review the use of Activity Graphs, Test Collections, Base Runs, and Action List Profiling to troubleshoot message throughput issues.

Optimization Challenge

- Activity: Break into interface teams, and work with other team members to apply the topics learned on Day 1 to improve your assigned Action Lists.
 - Improve in the areas of Organization, Documentation, Efficiency, Simplification, and Best Practices.

Configuration Management

- Multiple Workspaces
 - Learn the importance of creating and using multiple workspaces when multiple developers are using the same server.
- Configuration Sharing
 - View a use case for using configuration sharing with test and developer servers.

Optimize Your System

- Use system metrics, such as CPU Usage, Engine Service Memory Usage and Disk Latency Statics, to identify system issues that negatively impact message throughput.

Optimize Your Alert Configuration

- Activity 1: Replace a global alert configuration
- Activity 2: Create and reschedule a child alert for high influx of messages