The Automatic Binary Optimizer for z/OS V2.2 improves the performance of already compiled COBOL programs.

- It does not require source code, source code migration, or performance options tuning.
- It leverages the latest advanced COBOL optimization technology to improve the performance of already compiled COBOL programs.
- Generates code to target the latest deployment systems including the z13 processors.
- Supports IBM Problem Determination Tools for z/OS including IBM Fault Analyzer for z/OS, IBM Debug Tool for z/OS, and IBM Application Performance Analyzer for z/OS.

**Optimizes directly from compiled COBOL programs** and eliminates source level migrations, recompilations, and tuning performance options.

**ABO or Latest COBOL Compiler?**

- Short answer: Both!
- They serve different but complementary purposes.

**Let's the user specify the dataset of the optimized modules.**

- You generate code to target the latest deployment systems (z13, zEC12, and zBC12).

**Example 1:**
- **Current Process — COBOL Development, Compilation, Test and Deployment**
- **Optimize and Test Application**
- **Performance Internal Benchmark Suite and Early Customer Results**
- **Higher is better**

**Example 2:**
- **ABO or Latest COBOL Compiler?**
- **Let's the user specify the dataset of the optimized modules.**

**Summary:**
- Dynamic development management control, tracking and auditing processes, when using the Optimizer, are similar to current scenarios using the compiler.

**User Scenarios — Hybrid Approach**

- **Example 3:**
  - **In Depth:** Binary Optimization Process Optimization, Test and Dynamic Selection
  - **New COBOL development and new features**
  - **Reduces processing time and reduces execution costs.**
  - **Maintenace on existing COBOL programs**
  - **Maximum Performance Improvement**

**Example 4:**
- **Performance Internal Benchmark Suite and Early Customer Results**
- **Higher is better**
- **Optimizer gives a 25% Improvement**

**Anticipation to roll back to z/OS V2.1 (1Q’16)**