

## ABAP Performance Tuning for SAP S/4HANA

### **Course Summary**

#### Objectives

At the end of this course, students will be able to:

- Learn to monitor and analyze the performance of SAP S/4HANA ABAP programs in context with the system resources.
- Learn to optimize database accesses and SAP S/4HANA ABAP processing.
- Learn to work with essential tools like SAP S/4HANA ABAP run time analysis, SQLM and SQL trace, workload analysis, code inspector, etc.
- Explain and perform troubleshooting common issues.

#### **Topics**

- Architecture of SAP Application Server (AS) ABAP
- Performance Analysis
- HANA Database Access
- Programming HANA Database Access
- Database Table Buffering
- Data Object Buffering
- Internal Tables

#### Audience

Those who can benefit from the ABAP Performance Tuning Course include:

- Enterprise Architect
- Solution Architect
- System Administrator
- System Architect
- Technology Consultant

#### **Prerequisites**

Essential:

- Introduction to ABAP Programming on SAP S4/HANA, OR ABAP Workbench Foundations
- Programming experience in SAP S/4HANA ABAP Programming

Recommended:

• Technology Fundamentals for SAP S/4HANA and SAP Business Suite

#### **Duration**

Five days

# ProTech Professional Technical Services, Inc.



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### **Course Outline**

- I. Architecture of SAP Application Server (AS) ABAP
- II. Performance Analysis
- III. HANA Database Access
- IV. Programming HANA Database Access
- V. Database Table Buffering
- VI. Data Objects
- VII. Internal Tables
- VIII. Remote Function Calls

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