

ABAP Programming for SAP HANA

HA400

Delivery Type: Classroom

Duration: 3 days

Goals:

- ② This course will prepare you to:
 - develop more concise and well-performing ABAP programs using new features of the ABAP programming language
 - develop and optimize ABAP applications that access data stored in the SAP HANA Database

Pre-Requisites:

- ② Basic Knowledge of SAP HANA
- ② BC400
- ② BC401
- ② Experience in ABAP Programming, esp. Open SQL (joins, views, aggregations)

Course Based on Software Release:

- ② SAP HANA 2.0 SPS 00,
- ② SAP BW 7.5
- ② SAP BASIS 7.5

Target Audience:

- ② Application Consultant
- ② Developer
- ② Developer Consultant

Content:

- ② Introduction
 - Understanding SAP HANA and how it impacts the ABAP development paradigm
 - Introduction to ABAP Development Tools
- ② Taking ABAP to SAP HANA
 - Accessing SAP HANA as a Secondary Database

- Tools to detect potential functional and performance issues when migrating to SAP HANA
- Tools to prioritize performance issues: SQL Monitor, SQL Performance Tuning Worklist
- Performance Rules and Guidelines for ABAP in the context of SAP HANA
- ② Database Independent Code-to-Data
 - New Open SQL
 - Defining advanced views using CDS and CDS
 - Incorporating AC with CDS in ABAP
- ② SAP HANA specific Code-to-Data
 - Using native SQL and ADBC
 - Creating, using and debugging ABAP Managed Database Procedures
- ② Consuming SAP HANA Objects in ABAP
 - Consuming SAP HANA views in ABAP
 - Consuming SAP HANA database procedures
- ② SAP HANA Proxy Objects
 - Creating and using External Views
 - Database Procedure Proxies
 - HANA Transport Container
- ② Advanced Topics
 - Using SAP HANA Full Text Search in ABAP
 - Enabling input fields for type-ahead search
 - SAP List Viewer (ALV) for SAP HANA