

## **BW360H: SAP BW powered by SAP HANA: Operations and Performance**

### **Course Outline**

#### **Course Duration**

5 Days

#### **Delivery Format**

Classroom, Virtual Live Classroom, Hybrid

#### **Course Fee**

Please contact us for details

#### **Goals**

- Understand the Components and Architecture of SAP BW and SAP HANA
- Create and Manage CompositeProviders and ADSO
- Perform Delta Merge
- Administer and Monitor Data Acquisition
- Information Lifecycle Management
- Manage SAP BW Transports
- Manage SAP HANA Transports
- Optimize Query Performance
- Administer and Analyze BW Statistics
- SAP HANA Administration for BW

#### **Audience**

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

#### **Prerequisites**

#### **Essential**

BW310H

#### **Recommended**

none

## **Content**

- SAP Business Warehouse and SAP HANA Overview
  - Identifying the Components and Architecture of SAP BW and SAP HANA
- InfoProvider Administration
  - Describing InfoProvider
  - Managing ADSO
  - Managing Open ODS View
  - Creating and Managing CompositeProviders
- Delta Merge
  - Describing Delta Merge in BW
- Data Acquisition Administration and Monitoring
  - Describing Data Acquisition Administration into SAP BW
  - Loading Master Data
  - Designing Process Chains
  - Maintaining Process Chains
  - Monitoring Process Chains
  - Using Transformations
  - Describing Data Acquisition in SAP HANA
- Information Lifecycle Management
  - Describing Multi Temperature Data Management
  - Optimizing SAP BW Data Management (Warm Data)
  - Optimizing SAP BW Data Management (Cold Data)
- SAP BW Transports
  - Describing the BW Transport System Landscape
  - Determining Object Versions and Metadata
  - Managing BW Transports
  - Transporting Query Objects
  - Troubleshooting Transport Strategies
- SAP HANA Transports
  - Explaining SAP HANA Transports
- Optimization Areas in SAP BW on SAP HANA

- Describing HANA Optimized Data Modeling for InfoProviders
- Improving Data Acquisition Performance
- Performance in Reporting
  - Getting Acquainted with SAP HANA Analytic Manager
  - Designing Queries for Optimal Performance
  - Optimizing Query Performance Using the Online Analytical Processing (OLAP) Cache
- Performance Management with BW Statistics
  - Optimizing Performance with BW Statistics
  - Implementing Technical Content for BW Statistics
  - Administering and Analyzing BW Statistics Data
  - Monitoring with BW Administration Cockpit
- SAP HANA Administration for BW
  - Explaining Database Traces
  - Describing the DBA Cockpit
  - Analyzing Memory Usage
  - Analyzing the Performance of SAP HANA Views
- Additional topics for SAP BW on SAP HANA
  - Describing SAP HANA Data Warehousing Foundation
  - Explaining Solution Manager Configuration and Monitoring
  - Describing BW Housekeeping Tasks
  - Describing BW/4HANA
  - Performing Traces with BW Trace Tool