

Introduction to SAP HANA

1. Evolution of HANA
2. Introduction to SAP HANA
3. Introduction to SAP In-Memory Strategy and Technology
4. HANA compare to BWA
5. SAP HANA Landscape
6. SAP In-Memory Computing Product Strategy and Roadmap

SAP HANA STUDIO Look & Feel

1. In-Memory Computing Studio
2. Administration view
3. Navigator View
4. System Monitor
5. Information Modeller

SAP HANA Architecture

1. Architecture Overview
2. IMCE and Surroundings
3. Row Store
4. Column Store
5. Loading data into HANA
6. Data modelling concepts
7. Reporting
8. Persistent Layer
9. Backup & Recovery

Introduction to Development Environment – SAP HANA STUDIO

1. Overview of Eclipse
2. SAP's Eclipse Strategy
3. Unbundling of Eclipse and SAP Software
4. Central Update Site
5. Installing the Development Environment
6. Installing SAP HANA Studio
7. Installing the ABAP Development Tools for SAP NetWeaver
8. Getting Started in the Development System
9. Basic Principles of Eclipse

Taking ABAP to HANA

1. SAP HANA as Secondary Database – Access via Open SQL
2. Optimize Open SQL Access to SAP HANA
3. Performance Rules and Guidelines for SAP HANA
4. Database Interface
5. Role of the Database for the ABAP Application Server
6. Data Types, ABAP Database Access
7. ABAP Data Dictionary

8. Open SQL
9. Database Views in the ABAP Data Dictionary
10. Database Access via Native SQL
11. Secondary Database Connections
12. Analyzing Database Accesses Using the SQL Trace
13. Statement Transformations
14. Secondary Connections

Access to SAP HANA Using Native SQL and ADBC

1. Open SQL and its Limitations
2. ABAP Database Connectivity (ADBC)
3. Native SQL Syntax

Consuming SAP HANA Views in ABAP

1. Working with Views in SAP HANA Studio
2. Consuming SAP HANA Views via Native SQL
3. Accessing SAP HANA Views via External Views in ABAP
4. Dictionary

Calling SAP HANA Database Procedures in ABAP

1. Working With Database Procedures in SAP HANA Studio
2. Calling SAP HANA Procedures in ABAP
3. Calling SAP HANA Procedures via ABAP Database Procedure
4. Proxies

Transport Management in ABAP on HANA

SAP HANA Transport Container

Concepts

Delta Merge in SAP HANA

How to check in SAP GUI and SAP HANA Studio whether table is row or column store

Preview

Advanced Topics

1. Full Text Search in SAP HANA
2. ABAP List Viewer (ALV) with Integrated Access to SAP HANA
3. Transport of SAP HANA Objects
4. Working With Database Procedures in SAP HANA Studio

2.0 Performance Tools in SAP HANA

2.1 Understand the Runtime Analysis (SE30)

2.2 Understand the ABAP Trace (SAT)

2.3 Understand the Code Inspector (SCI)

2.4 Understand the SQL Trace (ST05)

2.5 SQLM and SWLT

5.0 Core Data Services

5.1 Core Data Services View Definition

5.2 CDS View on View

5.3 CDS View Extensions

5.4 CDS Views with Input Parameters

5.5 CDS Views Associations

5.6 Filtered Associations

5.7 CDS Annotations