

SAP HANA Consultant – Course Content – 30 hours

HANA 100 & HANA 300 Course Content:

SAP HANA 100

Introduction

Introduction to SAP HANA
SAP HANA In-Memory Strategy
HANA Compared to BWA

Look and feel

In memory Computing Studio
Administration views
Navigator View
System View
Information Modeler-Architecture
Architecture Overview
IMCE and surroundings
Row Store
Column Store
Loading data into HANA
Data Modeling
Reporting
Persistent Layer
Back & Recovery

Data Provisioning

Replication Server
Replication process
Replication Architecture
Data services
SAP BODS and HANA.
Basic Data service connection types
New to Data Services 4.0
Full Extractor through ODP.
Configure Import server
Create and execute a Data service job to populate HANA.

Modeling

Purpose of information Modeler.
Levels of modeling in SAP HANA.
Attribute Views
Calculation Views
Export & Import

Reporting

HANA Reporting Layer.
Connectivity options.
Business Objects BI 4.0
Business Objects BI 4.0 Explorer
Business Objects BI 4.0 Enterprise
Crystal reports via ODBC/JDBC Connections
Others & MS Excel

User Management

Creation of Users
Creation of Roles
Creation of Role Hierarchy
Assignment of users to roles

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DATA PROVISIONING USING SLT

Positioning and key concepts
Overview on configuration Aspects
Data Replication at a glance.
SLT based transformation concepts.
Selective Data Replication.
Transformation of Data.
Extension of (target) table structure.
Specific Considerations.

Approaching SAP HANA Modeling

Persistency Considerations
SAP HANA Engine Overview
Choosing views for the information Model.

Connecting Tables

How to connect tables Using:
Inner Join
Left Outer Join
Right Outer Join
Full Outer Join
Text Outer Join
Referential Join
Union

Advanced Modeling

Creating Attribute Views.
Using Hierarchies.
Creating Restricted & calculated Measures.
Using Filter Operations
Using Variables
SAP HANA SQL – Introduction.
SQL Script and Procedures
Using Currency Conversion.

Processing Information Models

Validating Models
Comparing Versions of Information Objects
Checking Model References
Generating: Auto Documentation.

Managing Modeling Concepts

Schemas
Import & Export
Copying Objects

Security and Authorizations

User Management & Security
Types of Privileges
Template Roles
Administrative