

SAP BW/4HANA - Data Warehousing : Delta from SAP BW 7.5 classic to SAP BW/4HANA

Référence : **DBW462**

Durée : **5 jours**

Certification : **Aucune**

CONNAISSANCES PREALABLES

- 1-Several years of hands-on experience in data modeling with SAP BW 7.x.
- 2-Have followed the BW310 training (SAP BW Enterprise Data Warehousing) or have equivalent knowledge and skills.
- 3-It is also recommended to have followed the BW330 training (SAP BW Data Modeling and Implementation) & the HA100 training (SAP HANA Introduction).

PROFIL DES STAGIAIRES

- 1-Application experts and consultants with a sound experience in SAP BW (non-HANA).
- 2-Project team members implementing and maintaining SAP BW/4HANA.

OBJECTIFS

- Outlining advantages of the SAP "In-Memory" database foundation for SAP BW/4HANA in general.
- Introducing new user interfaces for working with SAP BW/4HANA: SAP BW/4HANA Cockpit and SAP BW/4HANA Modeling Tools.
- Outlining the SAP BW/4HANA conversion approaches and the related tools for a transformation project.
- Introducing native SAP HANA XS Advanced modeling in the SAP Web IDE.
- Explaining the data models in SAP BW/4HANA and position them in the context of SAP's reference architecture Layered Scalable Architecture (LSA++).
- Describing so-called "mixed scenarios" where how both, SAP HANA Calculation Views as well as SAP BW/4HANA objects can complement each other.
- Outlining other areas of innovation with focus on Business Content, Process Chains, Analysis Processes or Transformations.
- Describing Multi-Temperature Data Management concepts and its implementation in SAP BW/4HANA.
- Providing an overview of all source system interfaces and data provisioning methods for consuming data in SAP BW/4HANA.
- Introducing SAP Core Data Services and related use cases in the context of SAP BW/4HANA: Extraction from SAP S/4HANA including available SAP Content, Statistical Analysis of the Data Warehouse Infrastructure and SAP S/4HANA Embedded Analytics.
- Describing the impact SAP S/4HANA might have on your SAP BW strategy.

CERTIFICATION PREPAREE

Aucune

METHODES PEDAGOGIQUES

- Mise à disposition d'un poste de travail par stagiaire
- Remise d'une documentation pédagogique papier ou numérique pendant le stage
- La formation est constituée d'apports théoriques, d'exercices pratiques, de réflexions et de retours d'expérience
- Le suivi de cette formation donne lieu à la signature d'une feuille d'émargement

FORMATEUR

Consultant-Formateur expert SAP BW4/HANA

METHODE D'EVALUATION DES ACQUIS

- Auto-évaluation des acquis par le stagiaire via un questionnaire
- Attestation de fin de stage adressée avec la facture

CONTENU DU COURS

Getting started

- Training Environment
- SAP Data Warehousing
- SAP BW/4HANA

- SAP BW/4HANA Modeling Tools
- SAP BW/4HANA Cockpit

Paths to SAP BW/4HANA

- Conversion Strategies and Tools
- In-Place Conversion, Shell Conversion and Remote Conversion Approaches

SAP HANA Modeling

- SAP HANA Introduction
- SAP Web IDE for SAP HANA
- SAP HANA native Modeling of Calculation Views
- Differences of HANA Modeling XS classic vs. XS advanced

Core Modeling Artifacts in SAP BW/4HANA

- InfoObjects
- Advanced DataStore objects
- CompositeProviders
- Open Hub Destinations
- Open ODS Views
- BAdI-Providers
- Positioning of these Artifacts in the SAP Layered Scalable Architecture (LSA++)

Hybrid Modeling in Mixed Scenarios

- Generation of external SAP HANA Views for BW/4HANA Objects
- Integration of external SAP HANA Views into XSA modeling
- Typical use cases for Mixed Scenarios

Innovations for selected SAP BW/4HANA Modeling Areas

- SAP BW/4HANA Content Add-on
- SAP HANA Analysis Processes
- Analytic Manager (OLAP engine)
- SAP HANA-optimized Transformations
- Process Chains
- Authorizations

SAP BW/4HANA Data Lifecycle Management

- Multi-Temperature Data Management
- SAP BW/4HANA Data Tiering Optimization

Data Provisioning into SAP HANA and SAP BW/4HANA

- SAP LT Replication into SAP HANA
- SAP HANA Smart Data Access
- SAP HANA Smart Data Integration incl. real-time Streaming
- Operational Data Provisioning based on SAP Extractors, and BW InfoProviders
- Integration Options with Cloud Sources

SAP BW/4HANA and ABAP Core Data Services

- Overview of SAP Core Data Services
- SAP BW/4HANA Statistical Analysis
- SAP S/4HANA Extraction based on ABAP CDS Views
- CDS-based DataSources in SAP S/4HANA and related content in SAP BW/4HANA
- SAP S/4HANA Embedded Analytics

Relation of SAP S/4HANA to SAP BW

- Impact of SAP S/4HANA on your SAP BW strategy

Appendix (optional)

- SAP BW Workspaces
- SAP Analytics Cloud
- SAP BW/4HANA Tool Collection
- SAP BW/4HANA Transaction Codes
- SAP BW/4HANA Support Components
- Glossary of Terms