

SAP HANA

S.A.P HANA

- HANA is a flexible, data-source-agnostic appliance that enables customers to analyze large volumes of SAP ERP data in real-time, avoiding the need to materialize transformations.

- It is a hardware and software combination that integrates a number of SAP components including the SAP HANA database, SAP LT (Landscape Transformation) Replication Server, HANA Direct Extractor Connection (DXC) and Sybase Replication technology.

BENEFITS:

- vInnovative yet non-disruptive platform for managing large volumes and variety of data at high speeds

- vReal-time access with real-time replication services and data integration capabilities

- vComplete and instant insight with flexible data calculation engines, reporting and analytics models

- vSimplified IT landscape with a multi-purpose in-memory appliance and reduced layers

For more information do write us info@iibs.ca

Course Outline

Introduction

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

Look & Feel

- In-Memory Computing Studio
- Administration view
- Navigator View
- System Monitor
- Information Modeler

Architecture

- Architecture Overview
- IMCE and Surroundings
- Row Store
- Column Store
- Loading data into HANA
- Data Modeling
- Reporting
- Persistent Layer
- Backup & Recovery

Data Provisioning

- Replication Server
- Replication Process
- Replication Architecture
- Data Services
- SAP BODS and HANA
- Basic Data service Connection types
- New to Data services 40
- 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
- Analytic Views
- Calculation Views
- Export & Import

Reporting

- HANA, Reporting Layer
- Connectivity options
- Business Objects BI 40
- Business Objects BI 40 Explorer
- Business Objects BI 40 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
- Authentication
- IMCE Authorization