SAP Implementation and Modeling with

SAP HANA 1.0

Goals

This course provides you with the knowledge in the area of SAP HANA that is required for the profile of a SAP HANA application consultant and qualifies you to apply the gained knowledge practically in projects.

The course will enable you to:

- ✓ to gain an overview of SAP HANA and understand the architecture of In-memory computing
- ✓ implement information models in SAP HANA
- ✓ replicate data using SAP Landscape Transformation (SLT) and SAP Data
- ✓ create flexible analytical models based on real-time data
- ✓ to familiarize with connectivity interfaces and tools for reporting purposes, in order to cover an end to end scenario

Contents

The course HAIMPe consists of following products:

- HA100 SAP HANA Introduction (e-learning and student handbook)
- HA300 SAP HANA - Implementation & Modeling (e-learning and student handbook)
- HA350 SAP HANA - Data Provisioning (e-learning and student handbook)

Help Desk Support is provided for the participants to enable them to understand the training material, resolve queries and assist in assignments during the access period. In this timeframe the participants will get access to training systems to work through the exercises and demo scenarios.

Notes

The E-Academy content is accessible for 2 months for supported learning at your own pace.

HA100 - SAP HANA - Introduction

Goals

- Get an overview of SAP HANA 1.0
- Understand the architecture of In-memory computing
- Learn how SAP HANA provides new ERP analytical capabilities

SAP HANA enables business departments to analyze business as it happens. Individuals can create very flexible analytical models based on real-time data originating from business applications. ERP operational analytics is further enhanced with SAP HANA interfaces to BI client reporting tools, such as SAP BusinessObjects Explorer, SAP Crystal Reports, SAP BusinessObjects Dashboards and SAP BusinessObjects Web Intelligence.

This course is for consultants, project team members and modelers who want to learn about this new technology. The course explains how to perform basic modeling and administrative tasks in the SAP HANA Studio. These tasks include data provisioning using several tools such as SAP Data Services or SAP Sybase Replication Server, and creating flexible analytic models based on real-time data originating from SAP ERP applications. In order to cover an end to end scenario, the participants will also learn how to connect to SAP HANA from SAP BusinessObjects BI 4 tools such as SAP BusinessObjects Explorer, SAP BusinessObjects Analysis and SAP BusinessObjects Web Intelligence.

Contents

- Overview of SAP HANA
- Architecture of SAP in-memory computing
- Overview of data provisioning in SAP HANA with the following tools:
- SAP Data Services
- SAP Sybase Replication Server
- SAP LT Replication Server
- SAP Direct Extractor Connection (DXC)
- Flat File upload
- Modeling with SAP HANA

- SAP HANA Interfaces to BI client tools, including:
- SAP BusinessObjects Explorer
- SAP BusinessObjects Analysis
- SAP Crystal Reports
- SAP BusinessObjects Dashboards
- SAP BusinessObjects Web Intelligence

HA300 - SAP HANA - Implementation and Modeling

Goals

- Implement information models with the SAP HANA Studio
- Define the security from a modeler's perspective

This course is for consultants, project team members, and data modelers who want to optimize reporting performance using SAP HANA. It builds on the introduction provided in the HA100 or HA100e course, and deals with more advanced modeling and structuring techniques.

You will also review the HANA data provisioning methods, learn how to maintain security and authorizations, and how to manage modeling content.

Contents

- Approaching SAP HANA modeling
- Connecting tables
- Using Graphic Modeling Tools
- Using SQL Modeling Tools
- Other Modeling Features, including
- Decision Tables
- Geospatial Data
- Using Text Search and Analysis
- Managing modeling content
- Security and Authorizations
- Data Provisioning
- Introduction to the Application Function Library

HA350 - SAP HANA - Data Provisioning

Goals

In this course you will learn essential techniques and tools of data provisioning and data transformation for SAP HANA and will help you identify the most effective solution for your project.

Contents

- Trigger-based replication with SAP Landscape Transformation (SLT SP05)
- Data provisioning using SAP Data Services (DS)
- Sybase Replication Server (SRS)
- Direct Extractor extraction (DXC)
- SAP BW used as ETL - Tool
- Uploading data from flat files

Course Based on Software Component (s) and Release (s)

SAP HANA 1.0 SPS07

Access to SAP ERP software and Training materials

SAP training materials will be provided for this course. Access to the latest SAP ERP software will be granted through SAP's training clients.

Mode of Delivery & Duration

The course is offered through online mode. The e-learning and SAP system access will be available for 2 months.

Award

On successful completion of this course, you will receive an Executive Certificate in ERP (SAP HANA) from Sydney Institute of ERP.

Campus Location

Level 2, 80 Mount Street, North Sydney, NSW 2060

SAP Certification

On completion of the course, you can sit for formal certification exam (C_HANAIMP141) with SAP Australia. On successful completion, you will become an SAP Certified Application Associate - SAP HANA and receive a consultant certificate at the associate level from SAP Germany.

Note:

Certification examination for SAP Certified Application Associate - SAP HANA is based on the content of the courses HA100, HA300, and HA350.