

HA400 - ABAP Programming for SAP HANA

Module 1: Introduction

- Understanding SAP HANA and how it impacts the ABAP development paradigm
- Introduction to ABAP development tools (also known as ABAP in Eclipse)

Module 2: Taking ABAP to SAP HANA

- Accessing SAP HANA as a secondary database
- Tools to detect potential functional and performance issues when migrating to SAP HANA: code inspector and ABAP test cockpit, ABAP trace and ABAP profiler, SQL trace
- Tools to prioritize performance issues: SQL monitor, SQL performance tuning worklist
- Performance rules and guidelines for ABAP in the context of SAP HANA

Module 3: Database independent code-to-data

- Enhanced open SQL
- Defining advanced views using core data services (CDS) and CDS associations in ABAP
- Incorporating authorization checks with CDS in ABAP

Module 4: SAP HANA specific code-to-data

- Using native SQL and ABAP data base connectivity (ADBC)
- Creating, using and debugging ABAP managed database procedures

- Using SAP HANA information models in ABAP

Module 5: Advanced topics

- ABAP transport of SAP HANA objects (HTC and HTA)
- Using SAP HANA full text search in ABAP
- Enabling input fields for type-ahead search
- SAP list viewer (ALV) optimized for SAP HANA