

Module- SAP ABAP

TAW10

ABAP (Advance Business Application Programming) Workbench Fundamentals

- Solution Release: ECC6.0 EHP8 SP00/NW 7.5 SP01

SAP NETWEAVER 7.5

- SAP NetWeaver Application Server fundamentals:
 - SAP Systems and SAP Applications Portfolio
 - SAPGUI and navigation in AS ABAP systems
 - System Core
 - Communication and integration technologies
- ABAP Workbench Foundations:
 - ABAP program processing
 - ABAP Workbench tools
 - ABAP language basics, Open SQL
 - Modularization techniques
 - Complex data objects, structures and internal tables
 - Data modeling and data retrieval
 - Classic ABAP reports
 - Program analysis tools
 - Program calls and memory management
- ABAP Dictionary:
 - Domains, data elements, structures
 - Transparent tables, pool tables and cluster tables
 - Input checks
 - Dictionary object dependencies
 - Changes in table structure
 - Views
 - Search helps
- Classical UI programming:
 - Selection screens
 - Screens (dynpros)

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ABAP Workbench Concepts

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SAP NETWEAVER 7.5

- ABAP Objects:
 - Object-Oriented Programming
 - Fundamental Object-Oriented syntax
 - Inheritance and casting
 - Interfaces and casting
 - Events
 - Global Classes and Interfaces
 - Exception handling
 - ABAP Object-Oriented examples – ALV and BAdIs
 - Abstract classes, factory methods, singletons

Shared Objects and shared memory areas

Dynamic programming:

- Generic data types
- Field symbols and data references
- Runtime Type Identification (RTTI)
- Runtime Type Creation (RTTC)

Enhancements and modifications:

- Adjustment of SAP Standard Software
- Enhancing Dictionary elements
- Customer Exits
- Business Add Ins (BAdIs)
- Modifications of the SAP standard applications
- Implicit and Explicit Enhancements

Fundamentals of Web Dynpro for ABAP

- Web Dynpro Components, Windows and Views
- Web Dynpro Controllers
- Web Dynpro Context
- Web Dynpro User Interface
- Controller and Context programming

Certification test to become an SAP Certified Development Associate – ABAP with SAP NetWeaver 7.5