

SAP TM SYLLABUS

Module 1: Introduction to Transportation Management

- ❖ Introduction to SAP TM
- ❖ TM 8.0 Focus
- ❖ TM 8.1 Focus
- ❖ TM 9.0 Focus
- ❖ TM 9.1 Focus
- ❖ Limitation of LE-TRA
- ❖ NWBC and SAP GUI
- ❖ TM Landscape and Architecture
- ❖ TM Processes and Scenarios
- ❖ SAP TM End to End – Standard Process Flow
- ❖ FTL V/s LTL
- ❖ Truck Load V/s Intermodal
- ❖ Single pick single Drop V/s Multi Pick Multi Drop Scenarios

Module 2: Master Data Core Interface

- ❖ Generate and Activate Integration Models
- ❖ Repeat Generation and Activation of IMs
- ❖ Change Transfer – Online
- ❖ CIF Customers, Vendors, Carriers, Plant, Shipping Point, Materials

Module 3: Organizational Units in SAP TM

- ❖ Enterprise Structure in SAP ECC
- ❖ Enterprise Structure in SAP TM
- ❖ Business Partner Creation for TM Org Units
- ❖ Assignment of Business Partners and Org Units

Module 4: Transportation Relevant Master data in SAP TM

- ❖ Means and Mode of Transport
- ❖ Location Master
- ❖ Transportation Lanes
- ❖ Transportation Zones
- ❖ Vehicle Resource

Module 5: ECC Sales Order Integration

- ❖ Relevant Business Functions

- ❖ Config Behind Sales Order Integration
- ❖ Service Interfaces Choreography
- ❖ Understanding XML Message for analysis and errors

Module 6: ECC PO/STO Integration

- ❖ Relevant Business Functions
- ❖ Config Behind PO/STO Integration (Inter/Intra company)
- ❖ Service Interfaces Choreography
- ❖ Understanding XML Message for analysis and errors

Module 7: Implementing Exception Handling

- ❖ Overview of Exceptions
- ❖ Exception Handling Techniques
- ❖ Rethrowing Caught Exception with Improved Type Checking
- ❖ Built-in Exceptions
- ❖ User-Defined Exceptions

Module 8: Transportation Requests in SAP TM

- ❖ Personal Object Work Lists
- ❖ Transportation Request Types
- ❖ Understanding Order Based Transportation Requirement
- ❖ OTR Type Determination
- ❖ OTR Type Control Data

Module 9: Freight Units in SAP TM

- ❖ Freight Unit Building Rule – Strategies
- ❖ FU Type Control Data

Module 10: Conditions in SAP TM

- ❖ Condition Types
- ❖ Data Access Definitions
- ❖ Relationship between Condition type and data access definition
- ❖ Create Condition using “BRF Plus Decision Table” Technique
- ❖ Create Condition using “Direct BO Access” Technique

Module 11: Incompatibilities in SAP TM

- ❖ Incompatibility Condition
- ❖ Incompatibility Definition
- ❖ Incompatibility Setting
- ❖ Incompatibilities in Freight Units Building – one example

Module 12: ECC Outbound Delivery Integration

- ❖ Relevant Business Functions
- ❖ Config Behind Outbound Delivery Integration
- ❖ Service Interfaces Choreography
- ❖ DTR Type Determination
- ❖ Impact of DTR FU on OTR FU

Module 13: Transportation Planning

- ❖ Understanding Transportation Cockpit
- ❖ Selection and Planning Profiles
- ❖ Planning in SAP TM

Module 14: Freight Order Management

- ❖ Freight Order Types
- ❖ Understanding SAP TM Freight Order
- ❖ Freight Order in 2PLs scenario and Impact on TM process
- ❖ Freight Order for 3PLs scenario and Impact on TM process
- ❖ Freight Order with multiple Service providers

Module 15: Charge Calculation in SAP TM

- ❖ Freight/Forwarding Agreements
- ❖ Transportation Charge Calculation Sheets
- ❖ Rate Tables
- ❖ Scales
- ❖ Scale Base and Calculation Base
- ❖ Agreement Types
- ❖ Charge Category, Subcategory and Charge Types
- ❖ Use of Templates

- ❖ Charge Calculation Profiles

Module 16: Supplier Freight Invoice Request (TM 8.0 and Onwards)

- ❖ SFIR – Standard Process
- ❖ Creating the FSD from FO
- ❖ Creating the FSD from POWL
- ❖ Partial FSD
- ❖ Collective FSD
- ❖ Post Accruals in SAP ERP
- ❖ Invoice Verification
- ❖ Configuration Required
- ❖ Service Interfaces Choreography

Module 17: Scenario Run – Shippers' Basic Process for FTL

- ❖ SO < OTR < FU < Planning < FO < Charge Calc < SFIR < Accruals
- ❖ Posting < MIRO
- ❖ Module 18: Queries Handling and SAP TM Implementation basics
- ❖ Process Flow: TM 8.1 Basic Vanilla process – 3PL Scenario (FWO < Charge Calc < FU < Planning < CFIR < Customer Billing

Module 18: Resume Preparation & Mock Interview

THANK YOU..