S4270 – Advanced Available-to-Promise (aATP) in SAP S4HANA Training

COURSE CONTENT

About Multisoft

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About Course

S4270 – Advanced Available-to-Promise (aATP) in SAP S/4HANA training by Multisoft Systems is designed for professionals who want to deliver reliable confirmations and improve order fulfillment performance in real-world supply chain conditions. The course explains how aATP extends the classic ATP check with advanced capabilities to handle scarcity, prioritization, and rapid decision-making.

Module 1: Introduction to aATP in SAP S/4HANA

- ✓ Overview of Advanced Available-to-Promise (aATP)
- ✓ Differences between classic ATP and aATP
- ✓ Business value of aATP in sales and supply chain
- ✓ aATP architecture and integration with S/4HANA
- ✓ Overview of Fiori apps for aATP analysis
- ✓ End-to-end order promising process

Module 2: Availability Check and Scheduling Basics

- ✓ Scope of availability check in S/4HANA
- ✓ Requirement classes and planning strategies
- ✓ Scope of check and checking groups
- ✓ Scheduling in sales order processing
- ✓ Backward and forward scheduling concepts
- ✓ Influence of lead times and transit times
- ✓ Configuration overview for availability checks

Module 3: Advanced aATP Techniques

- ✓ Overview of advanced aATP features
- ✓ Product allocation checks
- ✓ Supply protection (SuP) concepts
- ✓ Alternative-Based Confirmation (ABC)
- ✓ Alternative locations
- ✓ Alternative products
- ✓ Alternative dates
- ✓ Prioritization rules and confirmation strategies

Module 4: Backorder Processing (BOP)

- ✓ Purpose of backorder processing in S/4HANA

- ✓ Modern backorder processing framework
- ✓ Rescheduling and reprioritizing orders
- ✓ Confirmation strategies for BOP
- ✓ Mass processing of open orders
- ✓ Monitoring and exception handling
- ✓ Integration with delivery processing

Module 5: Supply-Based Confirmation (SBC)

- ✓ Concept of supply-based confirmation
- ✓ Integration with MRP and PP/DS
- ✓ Confirmations based on planned supply
- ✓ Make-to-order and make-to-stock scenarios
- ✓ Using real supply elements for promising
- ✓ Configuration and setup overview

Module 6: Business Process Scheduling (BPS)

- ✓ Role of business process scheduling in aATP
- ✓ Scheduling across end-to-end processes
- ✓ Coordination between sales, production, and delivery
- ✓ Impact of BPS on confirmation dates
- ✓ Typical use cases for complex scenarios

Module 7: Review and Monitoring Tools

- ✓ Using Fiori apps to analyse availability results
- ✓ Reviewing confirmations and exceptions
- ✓ Monitoring product allocations and supply protection
- ✓ Analysing order fulfilment performance
- ✓ Troubleshooting aATP issues

Module 8: Configuration and Customizing Overview

- ✓ aATP configuration objects
- ✓ Checking groups and scopes of check
- ✓ Product allocation configuration
- ✓ Supply protection setup
- ✓ Alternative-based confirmation rules
- ✓ Backorder processing configuration
- ✓ Integration points with SD and MRP

Module 9: Business Scenarios and Use Cases

- ✓ High-demand product allocation scenarios
- ✓ Priority customer fulfilment
- ✓ Shortage handling and recovery
- ✓ Multi-plant and cross-company scenarios
- ✓ Make-to-order vs make-to-stock use cases
- ✓ End-to-end order fulfilment examples