

SAP API Management Training

COURSE CONTENT

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About Multisoft

Train yourself with the best and develop valuable in-demand skills with Multisoft Systems. A leading certification training provider, Multisoft collaborates with top technologies to bring world-class one-on-one and certification trainings. With the goal to empower professionals and business across the globe, we offer more than 1500 training courses, which are delivered by Multisoft's global subject matter experts. We offer tailored corporate training; project Based Training, comprehensive learning solution with lifetime e-learning access, after training support and globally recognized training certificates.

About Course

SAP API Management Training by Multisoft Systems is designed to empower professionals with the skills to create, secure, publish, and analyze APIs for modern enterprise environments. In today's digital landscape, APIs act as the backbone of integration, enabling seamless connectivity between applications, systems, and business processes.

Module 1: Introduction to SAP API Management

- ✓ What is SAP API Management?
- ✓ Key capabilities and benefits (security, traffic management, analytics, developer services)
- ✓ Typical use cases and business drivers (e.g. governance, omni-channel, partner integration)

Module 2: Personas, Roles & Interactions

- ✓ Stakeholders: API Owner, API Admin, Developer, App / Consumer
- ✓ Interaction flows: design, publish, consume, monitor
- ✓ API lifecycle phases and responsibilities

Module 3: API Management Features & Functions

- ✓ Supported API protocols: REST, OData, SOAP, OpenAPI import/export
- ✓ API proxy concepts: façade, versioning, request/response mediation
- ✓ Policies & policy templates (security, transformation, caching, quota, error handling)
- ✓ Templates and reusability of policies
- ✓ API product, rate plans, and monetization
- ✓ Analytics & monitoring (usage, errors, performance)

Module 4: Architecture & Integration

- ✓ High-level SAP API Management architecture (gateway, portal, backend connectivity)
- ✓ On-premises integration with Cloud Connector, SAP Gateway, hybrid scenarios
- ✓ API exposure and consumption flow between backend, API gateway, and clients
- ✓ Integration with SAP ecosystem: Web IDE, SAP API Business Hub, Fiori apps, identity providers
- ✓ Security: threat protection, authentication/authorization, role-based access control

Module 5: Hands-On Lab / Practical Exercises

- ✓ Setting up an API proxy from a sample backend
- ✓ Applying policies: e.g. security (OAuth, API key), transformation, caching
- ✓ Packaging APIs into products and creating rate plans
- ✓ Consuming APIs via Developer Portal: subscribe, test, view analytics
- ✓ Monitoring and analyzing API traffic, errors, usage reports
- ✓ Scenario: integrate a SAP OData service, expose it via API Management

Module 6: Best Practices, Governance & Future Trends

- ✓ API governance, versioning strategies, lifecycle management
- ✓ Security best practices and threat mitigation
- ✓ Patterns for scalability and performance
- ✓ API monetization models and rate plan design
- ✓ Trends: microservices, API-first design, API economics, evolving SAP integration strategies