

P_BTPA_2408 SAP BTP Application Development Training

COURSE CONTENT

GET IN TOUCH



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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

P_BTPA_2408 SAP BTP Application Development training by Multisoft Systems is designed to equip professionals with the skills required to build, extend, and deploy enterprise-grade applications on the SAP Business Technology Platform (BTP). This course focuses on modern development approaches using SAP Cloud Application Programming Model (CAP), SAP Business Application Studio, and various BTP services to create scalable, secure, and intelligent applications.

Module 1: Introduction to SAP BTP

- ✓ Overview of SAP Business Technology Platform
- ✓ BTP global account, subaccount, spaces
- ✓ Cloud Foundry vs Neo environment
- ✓ Services and capabilities

Module 2: SAP BTP Architecture

- ✓ BTP architecture layers
- ✓ Runtime environments
- ✓ Service model
- ✓ Multi-cloud strategy

Module 3: Cloud Application Programming Model (CAP)

- ✓ Introduction to CAP
- ✓ CAP architecture
- ✓ Data modeling using CDS
- ✓ Service definition and exposure
- ✓ Node.js and Java CAP projects

Module 4: SAP HANA Cloud & Database

- ✓ SAP HANA Cloud basics
- ✓ Data persistence
- ✓ CDS integration with HANA
- ✓ Data modeling techniques

Module 5: SAP Fiori & UI Development

- ✓ SAP Fiori design principles
- ✓ SAPUI5 fundamentals
- ✓ Creating Fiori apps

- ✓ UI integration with CAP services

Module 6: Application Deployment

- ✓ Cloud Foundry deployment
- ✓ Build and deploy applications
- ✓ Managing instances and services
- ✓ Monitoring applications

Module 7: Integration & APIs

- ✓ RESTful services
- ✓ SAP Integration Suite basics
- ✓ API management
- ✓ Connecting external systems

Module 8: Security & Authentication

- ✓ Authentication and authorization
- ✓ OAuth and JWT
- ✓ Role-based access control
- ✓ Secure application design

Module 9: Event-Driven Architecture

- ✓ Messaging concepts
- ✓ Event-based communication
- ✓ SAP Event Mesh basics

Module 10: DevOps & Lifecycle Management

- ✓ CI/CD pipelines
- ✓ Version control (Git)
- ✓ Transport management

- ✓ Application lifecycle

Module 11: Testing & Troubleshooting

- ✓ Debugging CAP applications
- ✓ Logging and monitoring
- ✓ Performance tuning