BLACKBIRD FOR TRAINING

Introduction to SAP Business Technology Platform (BTP) Administration

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Lyon (France)

UK Traininig
PARTNER



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Introduction

The SAP Business Technology Platform BTP is a powerful and integrated business technology platform designed to optimize business processes, enhance data management, and support advanced analytics. With SAP BTP, organizations can seamlessly manage cloud environments, integrate business data, and accelerate digital transformation.

This comprehensive training course is crafted for system administrators, cloud architects, and IT professionals who want to master the art of SAP BTP administration. Participants will learn how to manage SAP BTP accounts, configure Cloud Foundry and Kyma runtimes, handle identity management, and monitor application performance effectively.

By mastering the SAP Business Technology Platform BTP, you will be equipped to drive secure, scalable, and optimized cloud solutions within your organization, paving the way for sustainable digital transformation.

Course Objectives

By the end of this course, participants will be able to:

- Understand the core components and architecture of SAP Business Technology Platform BTP and its role in business technology solutions.
- Efficiently manage SAP BTP accounts, subscriptions, and services for optimal performance.
- Administer cloud environments such as Cloud Foundry and Kyma runtimes effectively.
- Configure identity and access management securely within SAP BTP.
- Utilize monitoring and transport management tools to ensure efficient system oversight and application performance.
- Integrate SAP BTP with external systems and SAP HANA Cloud for seamless business operations.

Course Outlines

Day 1: Introduction to SAP Business Technology Platform BTP Administration



- What is SAP Business Technology Platform?
- Introduction to SAP’s Intelligent Sustainable Enterprise and the role of SAP BTP in business transformation.
- Core Components of SAP BTP:
    - Exploring SAP BTP’s key offerings, including integration, data management, and application development capabilities.
- Managing SAP BTP Accounts and Services:
    - Understanding the SAP BTP account model and how to manage accounts and services efficiently.
- Service Subscriptions:
    - Overview of managing subscriptions and service lifecycle within SAP BTP.

Day 2: Understanding SAP BTP Architecture

- SAP BTP Account Model:
    - Deep dive into SAP BTP's account structures and best practices for account management.
- Runtime Environments in SAP BTP:
    - Describing Cloud Foundry, Kyma, and ABAP environments and their roles within SAP BTP.
- Managing Cloud Foundry Environments:
    - Techniques for managing and configuring Cloud Foundry within SAP BTP.
- Managing Kyma and ABAP Runtimes:
    - Configuring and administering Kyma runtimes and ABAP environments for scalable applications.



Day 3: Configuration and Identity Management

- Using SAP Discovery Center and Boosters:
  - Learn how to leverage the SAP Discovery Center for efficient configuration and apply boosters for accelerated setup.
- Managing Identity and Access:
  - Understanding the identity and access management IAM features of SAP BTP.
  - User management: Creating and managing users securely.
  - Authorization assignments and identity federation techniques.
- Working with SAP Cloud Identity Services:
  - Overview of configuring and managing SAP Cloud Identity Services for authentication and access management.

Day 4: Connectivity and SAP HANA Cloud

- Connecting SAP BTP to External Systems:
  - Introduction to Destinations and how to configure cloud connections.
  - Operating SAP Cloud Connector to integrate on-premise systems with SAP BTP.
- Exploring SAP HANA Cloud:
  - Learn about SAP HANA Cloud's database offerings and how to manage and scale cloud database systems.
  - Configuring SAP HANA Cloud and utilizing its database services for optimal performance.



- Database Offerings:
    - Identifying the different types of databases and services offered by SAP BTP and SAP HANA Cloud.

Day 5: Monitoring and Transport Management

- Monitoring SAP BTP Applications:
    - Using built-in monitoring services to keep track of cloud application performance.
    - Configuring SAP Cloud ALM and SAP Solution Manager for end-to-end monitoring.
- SAP Cloud Transport Management Service:
    - Introduction to transport management in SAP BTP.
    - How to configure SAP Cloud Transport Management Service and handle the transport of changes.
    - Transporting Changes Across Environments: Practical session on using SAP Cloud TMS to manage and transport changes between SAP BTP environments.

Why Attend This Course? Wins & Losses!

- Master SAP Business Technology Platform: Gain hands-on experience in SAP BTP administration for cloud-based solutions.
- Optimize Cloud Environments: Effectively manage Cloud Foundry, Kyma, and ABAP runtimes for seamless deployment.
- Enhance Security and Access Management: Implement secure identity and access controls using SAP Cloud Identity Services.
- Monitor and Manage Efficiently: Learn to track application performance and transport changes across different environments.
- Drive Digital Transformation: Master the business technology platform to enable digital transformation and integration in your organization.



Conclusion

This course is a critical foundation for IT professionals, system administrators, and cloud architects aiming to master SAP BTP administration. Through practical sessions and expert-led workshops, participants will gain the skills required to efficiently manage SAP cloud environments, ensuring secure, scalable, and optimized business solutions.

By the end of the course, you will be capable of handling complex configurations, monitoring performance, and securing applications, ensuring your organization's digital transformation is both efficient and sustainable.

Join this course to become a leader in SAP BTP, optimizing cloud solutions and driving organizational growth with confidence.

