

Introduction to Identity Providers in SAP BTP

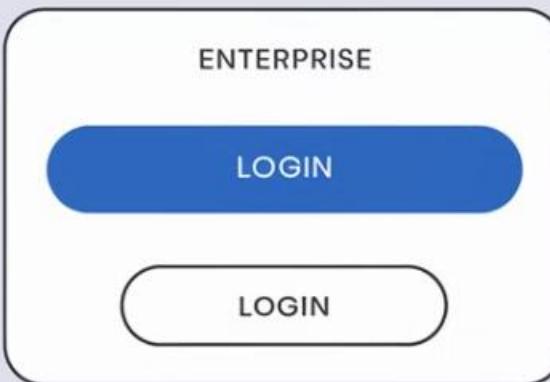
Throughout this module, we'll explore the fundamentals of identity management in SAP BTP, examine different provider options, and share practical implementation insights to help you make informed decisions for your organization.



por Mayko Silva



What is an Identity Provider in SAP BTP?



Definition

An identity provider is essentially the system that provides the user store. This user store contains all the information about who has access to what—whether it's administrative access to subaccounts or access to specific business applications.

Flexibility

SAP BTP offers great flexibility in choosing an identity provider, allowing organizations to select the option that best fits their security requirements and existing infrastructure.

Importance

Properly configured identity providers ensure secure access management, streamlined user experiences, and compliance with organizational security policies.

Types of Identity Providers in SAP BTP

Platform Identity Providers

Provides the user base for accessing the subaccount itself. Authenticates users who work with SAP BTP Cockpit, development tools, and the command line interface.

Application Identity Providers

Authenticates end users who consume the applications running on SAP BTP. These can be configured separately from platform providers to meet specific application requirements.

By default, SAP uses the **SAP ID service** as both platform and application identity providers. However, you also have options like the **Identity Authentication Service (IAS)** or a **custom identity provider**.

Choosing the Right Identity Provider

User Experience

Impacts login flows and authentication methods

Security Requirements

Determines authentication strength and compliance

Maintenance Overhead

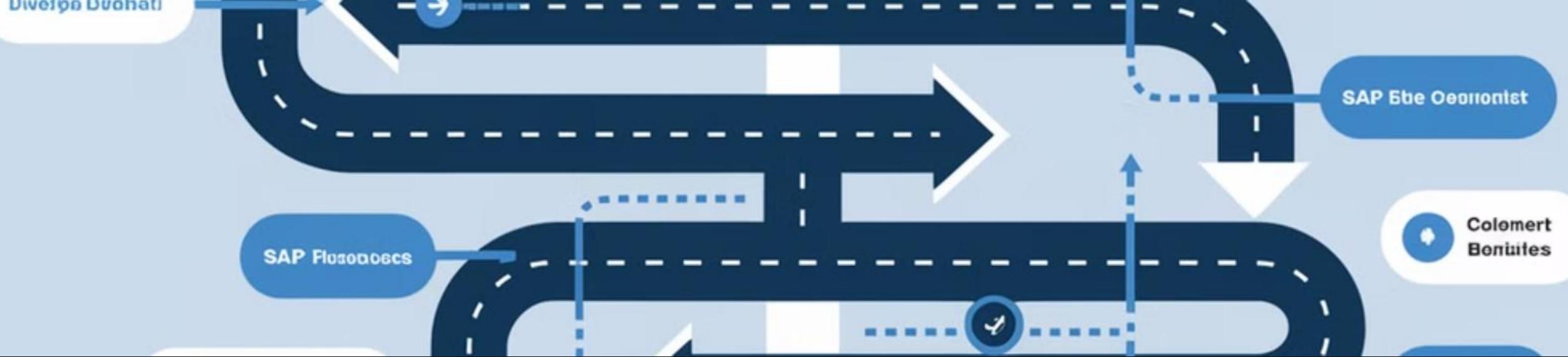
Influences long-term operational costs

Integration Complexity

Affects implementation timeline and resources



The choice of identity provider can significantly impact how users interact with your SAP BTP environment. Throughout this course, we will analyze different options and explore when and why to choose one over another based on your specific organizational needs.



What's Next?

1

Identity Provider Types

Deeper dive into different identity provider options available in SAP BTP

2

Comparative Analysis

Detailed comparison of provider features, benefits, and limitations

3

Real-World Examples

Practical implementation cases from actual enterprise deployments

In our next lesson, we'll take a deeper dive into the different types of identity providers and break down their differences. We will also review practical examples from real-world implementations to help you understand the implications of each choice.