



SAP Garage

Get Started with SAP BTP - Cloud Identity Service Provider (SAP IdP)

Hosts: Cecily Sorenson & Toros Aledjian, SAP BTP

Guest Speaker: Nagesh Caparthy, Senior Onboarding Advisor, SAP BTP

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Today's Mission

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Get Started with SAP BTP - Cloud Identity Service Provider (SAP IdP)

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Use Case

Duration: Up to 4 hours

Your organization has started with the SAP Business Technology Platform and has plans to develop applications, integrations, automation, analytics, and several other use cases that are required. You may be at a very early stage of setting up your account models, understanding role collections to provide access to the developers, and assigning admin roles, and towards the end you may want to provide access to your business end users for consumption. It is always a good practice to consider the Identity and Authentication services .during the planning stage and think about the options for authentication and authorization of your users based on the roles that are assigned.

Identity and Authentication is a huge topic, and it should be considered for all stages. However, this mission is geared towards exploring and getting you started with the SAP BTP Identity Service, which can help you achieve Identity Authentication and Identity Authorization services. We will focus on the differences between your BTP Default Identity Providers vs Custom Identity Providers, and how to manage user access via the Custom IdP for your BTP Services for your developers and your end users.

Current Position - What is the challenge?

It is always a good practice to consider the Identity and Authentication services .during the planning stage and think about the options for authentication and authorization of your users based on the roles that are assigned.

Destination - What is the outcome?

This mission is geared towards exploring and getting you started with the SAP BTP Identity Service which can help you achieve Identity Authentication and Identity Authorization services.

How You Get There - What is the solution?

You need to have an SAP BTP Enterprise Account which can be PAYG, CPEA, or Subscription license along with SAP Global Account Administrator Role to activate the Identity services. We shall also look into more details, in the mission in case you have existing Cloud Identity Services. You can start with the best practices and recommendations on user access and provisioning at an early stage to gain maximum benefits and safeguard your cloud access.

SAP Identity Authentication Service

The diagram illustrates the SAP Identity Authentication Service (IAS) architecture. On the left, a 'Corporate Identity Provider' (CIP) box contains 'Single Sign-On', 'MS AD FS / Azure', and '3rd Party SAML IDP'. This CIP connects to the central 'IAS' (Identity Authentication Service) box. Above the IAS box, 'Authentication' is shown with supported protocols: Username/password, X.509, Kerberos/SPNEGO, and 2FA (TOTP, RSA, SMS, ...). The IAS connects to a cloud environment containing various SAP and third-party applications: SAP Concur, SAP Ariba, SAP Fieldglass, SAP SuccessFactors, SAP c/4HANA, SAP Business Technology Platform, and SAP s/4HANA. The cloud also includes Google Cloud and Microsoft Azure. Below the cloud, 'On-Premise User Store' is shown with SAP s/4HANA and LUMP. The IAS also connects to '3rd Party Application' via SAML and OpenID Connect protocols.

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Who is in the garage today?



Cecily Sorenson
SAP Garage APJ Host
Product Specialist, SAP BTP



Toros Aledjian
SAP Garage Global Host
Senior Director GTM, SAP BTP



Nagesh Caparthy
Senior Onboarding Advisor
SAP BTP

Thank you and **see you next time!**

Next in the SAP Garage:

- **Date: Wednesday, January 11th, 2024**
- **Partner Mission: Empower Data-Driven Decisions Through Analytics Forecasting**

