

# Discover Enterprise Security Services

## It's all about Identities

PUBLIC

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# Agenda

Overview

Concepts

Strategy and Summary

# Overview

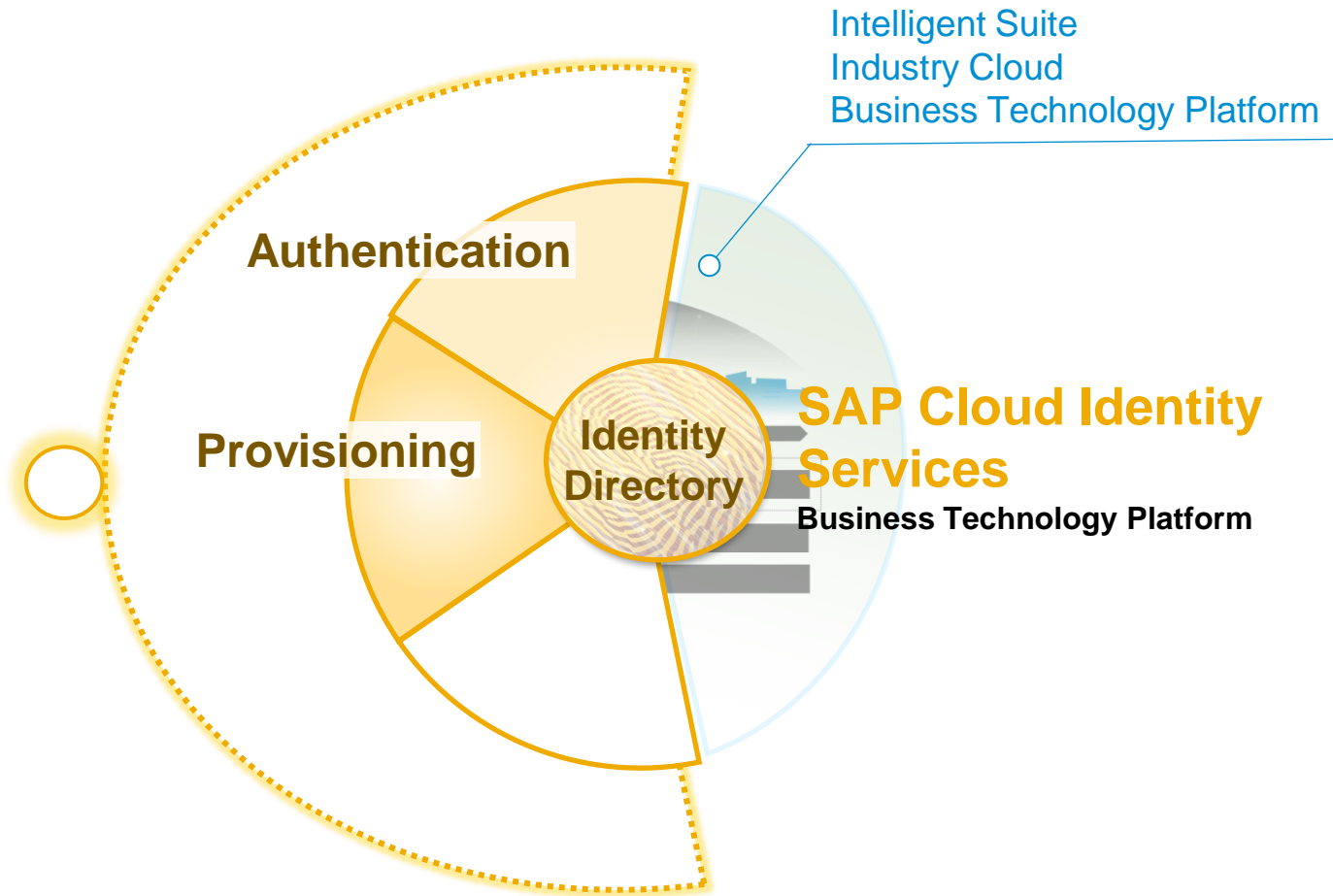


# Customer Requirements

1. **Simple | Synchronize** technical user information in a hybrid SAP landscape with an integration to Microsoft Active Directory
2. **Experience | Single Sign-on** is crucial for **user experience** and the success of implementation projects
3. **Corporate | A leading** corporate **IDM system** must be able to enable or disable users across the corporate landscape
4. **Integration | Out of the box configuration** or **best practices** as part of the solution
5. **Control | Keep the control** who is accessing the business applications



# SAP Cloud Identity Services



**SAP Cloud Identity Services** is the **default service** to authenticate and provision users in the SAP cloud.

- Identity authentication (IAS)
- Identity provisioning (IPS)
- Integrated via the common Identity Directory

The number of **pre-integrated SAP solutions** will increase which require **SAP Cloud Identity Services**.

**One SAP cloud service** to integrate any 3<sup>rd</sup> party IDM system.



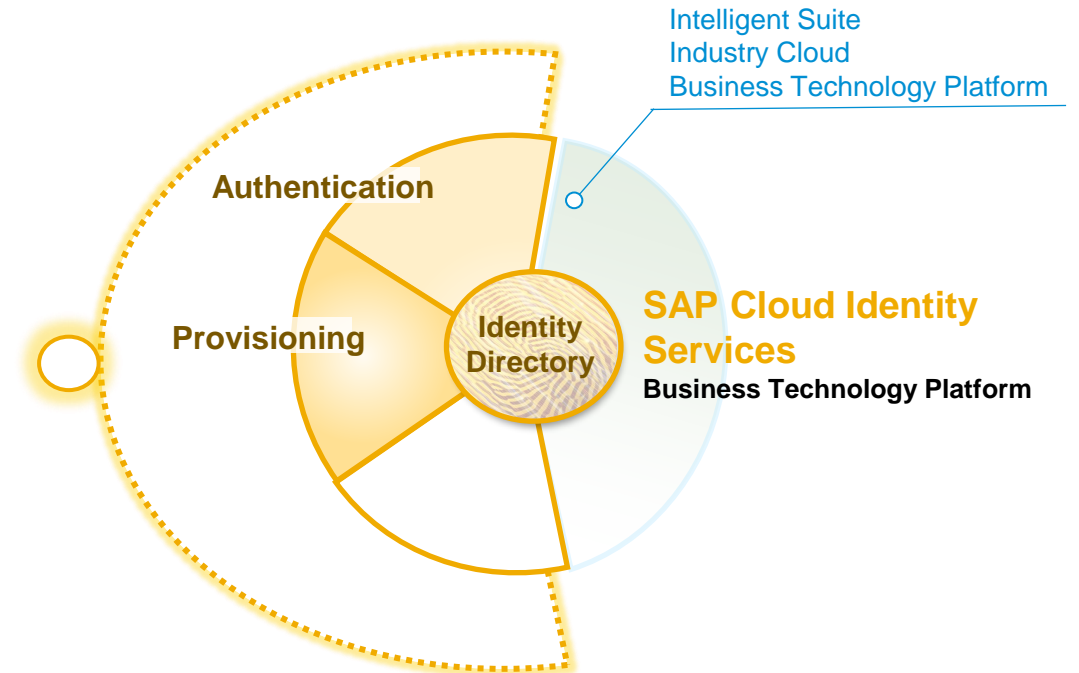
# Why to use SAP Cloud Identity Services?

## Security and Integration

- One **point to synchronize user information, enable single sign-on** and maintain **trust relationships** for SAP cloud solutions
- **No additional cost\*** for usage related to SAP hybrid landscapes
- Delivery of **integrated, ready to use and secure** SAP cloud solutions
- **Identity directory as central point of truth for users** with access to the SAP cloud landscape and to meet **compliance** requirements
- **Support and Availability** from authentication to transaction – no unclear responsibilities across cloud vendors

## Innovate and Build

- **Support innovation** by providing developers/architects the control from authentication, over transaction to an extension
- **Building extensions** on SAP BTP based on the users maintained in an SAP on-premise systems



# Concepts



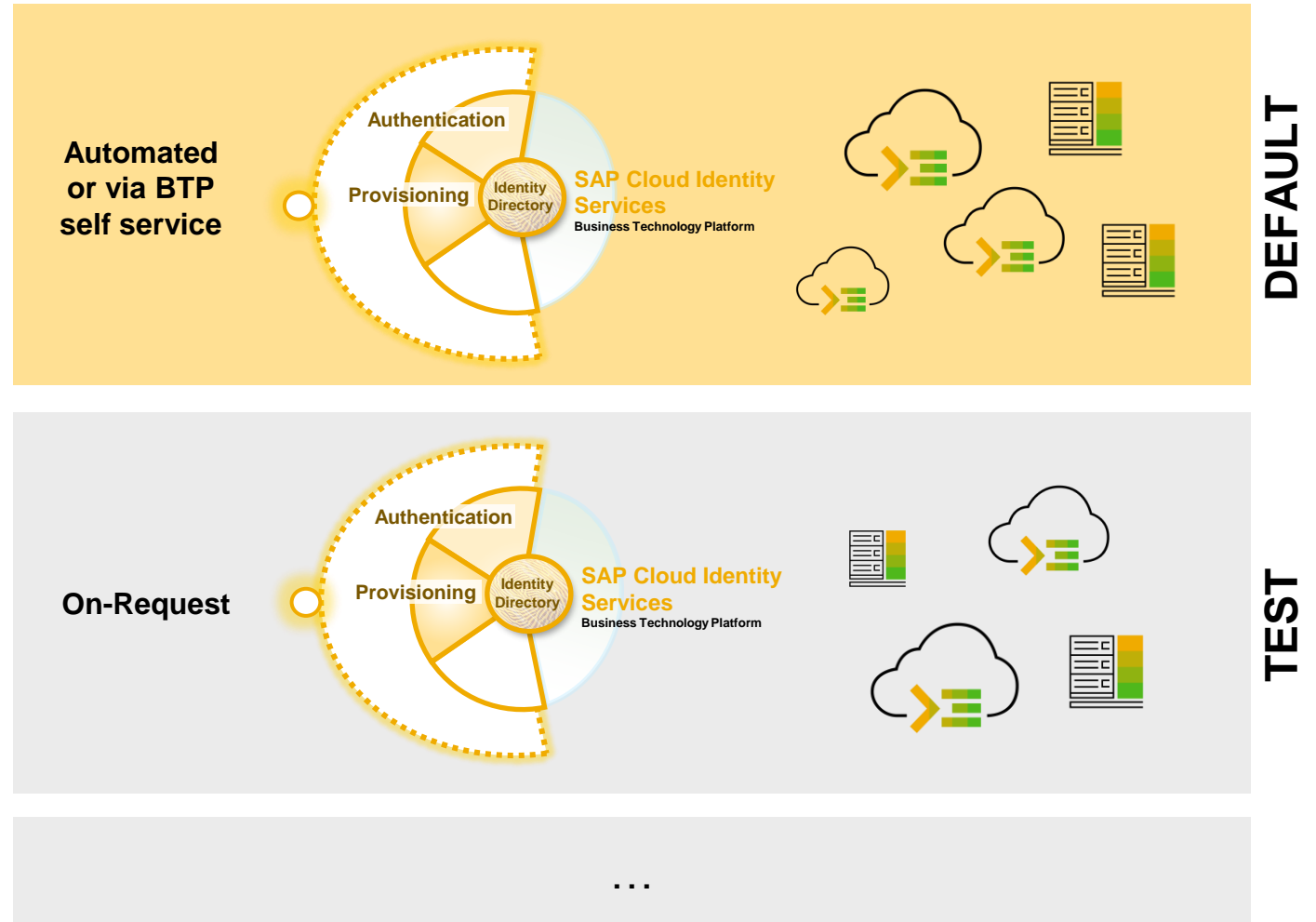


# Default Tenant Model

**SAP Cloud Identity Services** is designed to run **once** to enable single sign-on and manage a user in all systems.

## Tenant delivery

- one **default tenant** independent of the number of purchased solutions
- one **test tenant** on-request
- **additional tenants** via SAP store or SAP BTP CPEA/PAYGO accounts

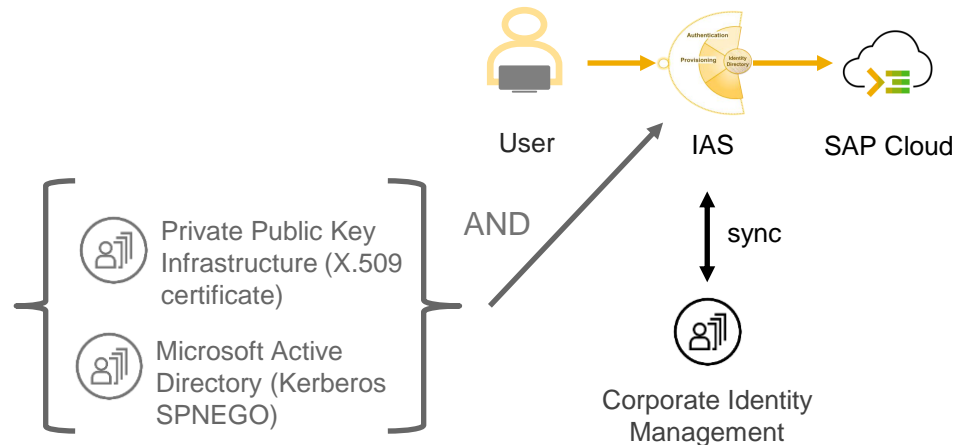


# The 2 modes how to run Identity Authentication service (IAS)

## Standard

In this case the users data will be automatically synchronized or manual created or provided via a self registration.

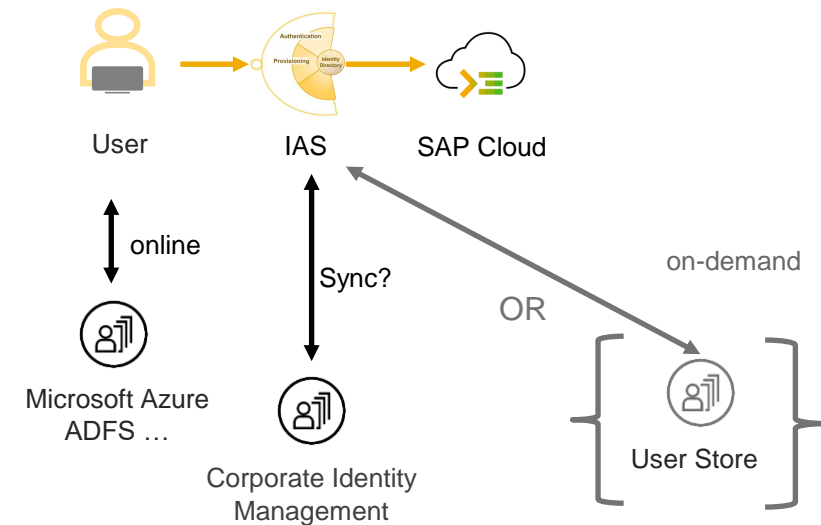
**AND** optional  
an existing user security token can be used to replace a password within SAP Cloud identity



## The proxy mode

A simple setup to reuse an existing corporate SAML identity provider with optional federation/enrichment of data

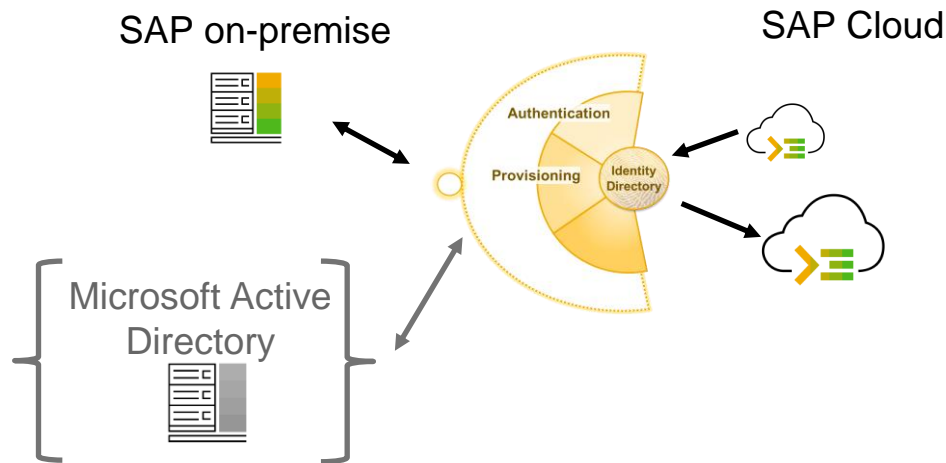
**OR** optional  
a on-demand password verification against a user store like ABAP or Microsoft Active Directory



# The 2 modes how to run Identity Provisioning service (IPS)

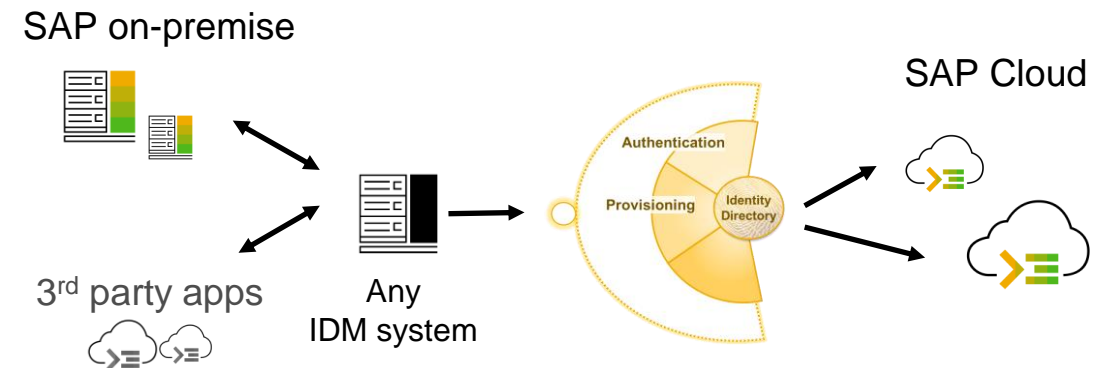
## Source/target mode

Identity Provisioning service is in charge on how to synchronize user information to the SAP cloud via jobs, transformations... Microsoft Active Directory is not mandatory but often integrated.

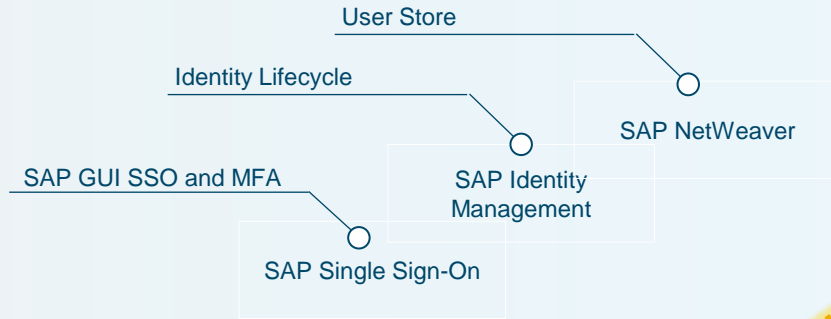


## The proxy mode

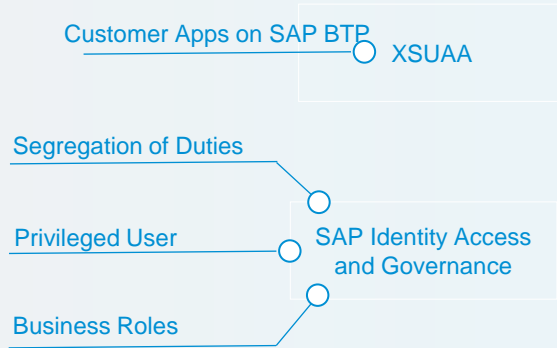
Any IDM system is in charge and is using Identity Provisioning service to provision user to the SAP cloud



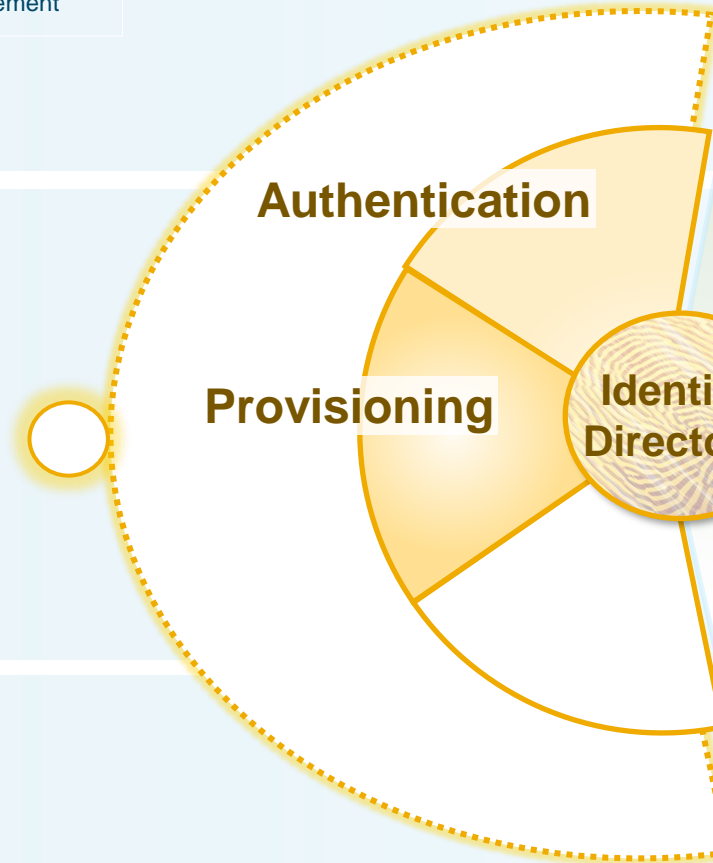
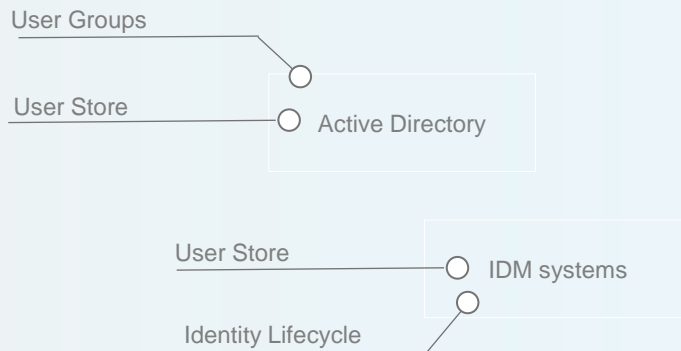
## SAP on-premise



## Adjacent SAP Cloud capabilities



## Non-SAP



**SAP Cloud Identity Services**  
Business Technology Platform

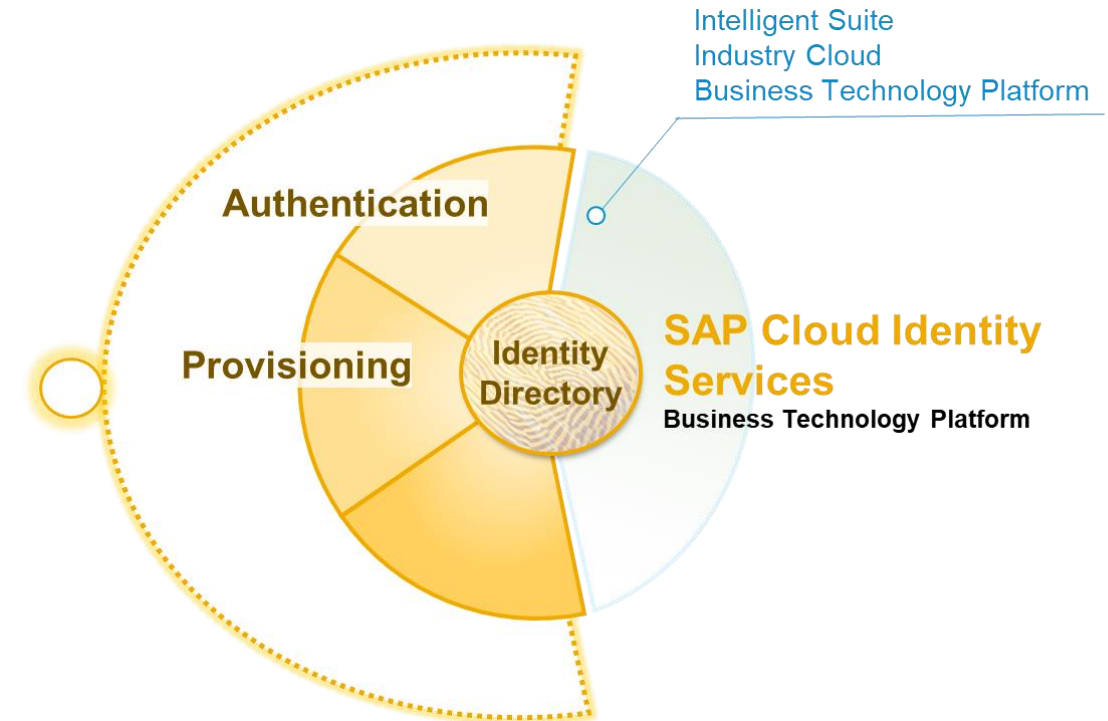


# Product Strategy and Summary



# Product Strategy and Summary

- ❑ SAP Cloud Identity Services will be delivered in a **pre-configured manner** with **all major SAP cloud solutions** and the **standard authority** to access the SAP cloud landscape for business users.
- ❑ Provide a **standard and free\*** service for **hybrid SAP landscapes**
- ❑ Support of **reliable and established open standards**
- ❑ **Openness** to any 3<sup>rd</sup> party IDM system
- ❑ **Identity Directory** will be the central store for any users accessing a SAP cloud system
- ❑ Extend **user authentication and provisioning** with **central policies**
- ❑ **Simplify identity propagation between services**





# Where to find more information

## Security software

<https://community.sap.com/topics/security>

## SAP Cloud Identity Services

<https://community.sap.com/topics/cloud-identity-services>



# Thank you.

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