The Way Ahead with Access Governance: Strategy and Roadmap for the Years to Come

Gero Maeder, SAP SE

Bo Baade-Pedersen, SAP Denmark

SAPinsider 2023

Produced by Wellesley Information Services, LLC, publisher of SAPinsider. © 2023 Wellesley Information Services. All rights reserved.

Legal disclaimer

The information in this presentation is confidential and proprietary to SAP and may not be disclosed without the permission of SAP. This presentation is not subject to your license agreement or any other service or subscription agreement with SAP. SAP has no obligation to pursue any course of business outlined in this document or any related presentation, or to develop or release any functionality mentioned therein. This document, or any related presentation, and SAP's strategy and possible future developments, products, and platforms, directions, and functionality are all subject to change and may be changed by SAP at any time for any reason without notice. The information in this document is not a commitment, promise, or legal obligation to deliver any material, code, or functionality. This document is provided without a warranty of any kind, either express or implied, including but not limited to the implied warranties of merchantability, fitness for a particular purpose, or noninfringement. This document is for informational purposes and may not be incorporated into a contract. SAP assumes no responsibility for errors or omissions in this document, except if such damages were caused by SAP's willful misconduct or gross negligence.

All forward-looking statements are subject to various risks and uncertainties that could cause actual results to differ materially from expectations. Readers are cautioned not to place undue reliance on these forward-looking statements, which speak only as of their dates, and they should not be relied upon in making purchasing decisions.

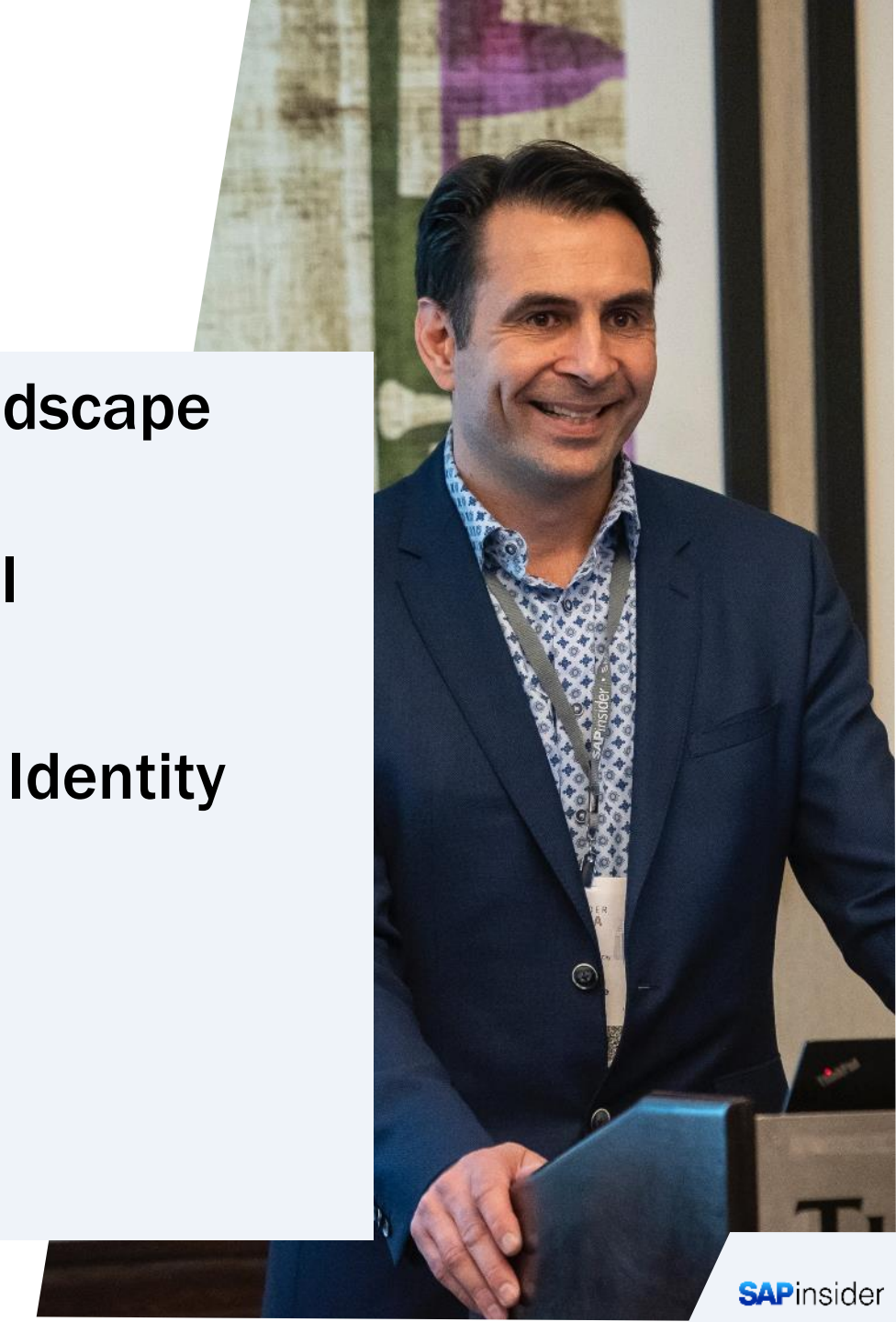
For all recent and planned innovations, potential data protection and privacy features include simplified deletion of personal data, reporting of personal data to an identified data subject, restricted access to personal data, masking of personal data, read access logging to special categories of personal data, change logging of personal data, and consent management mechanisms.

In This Session

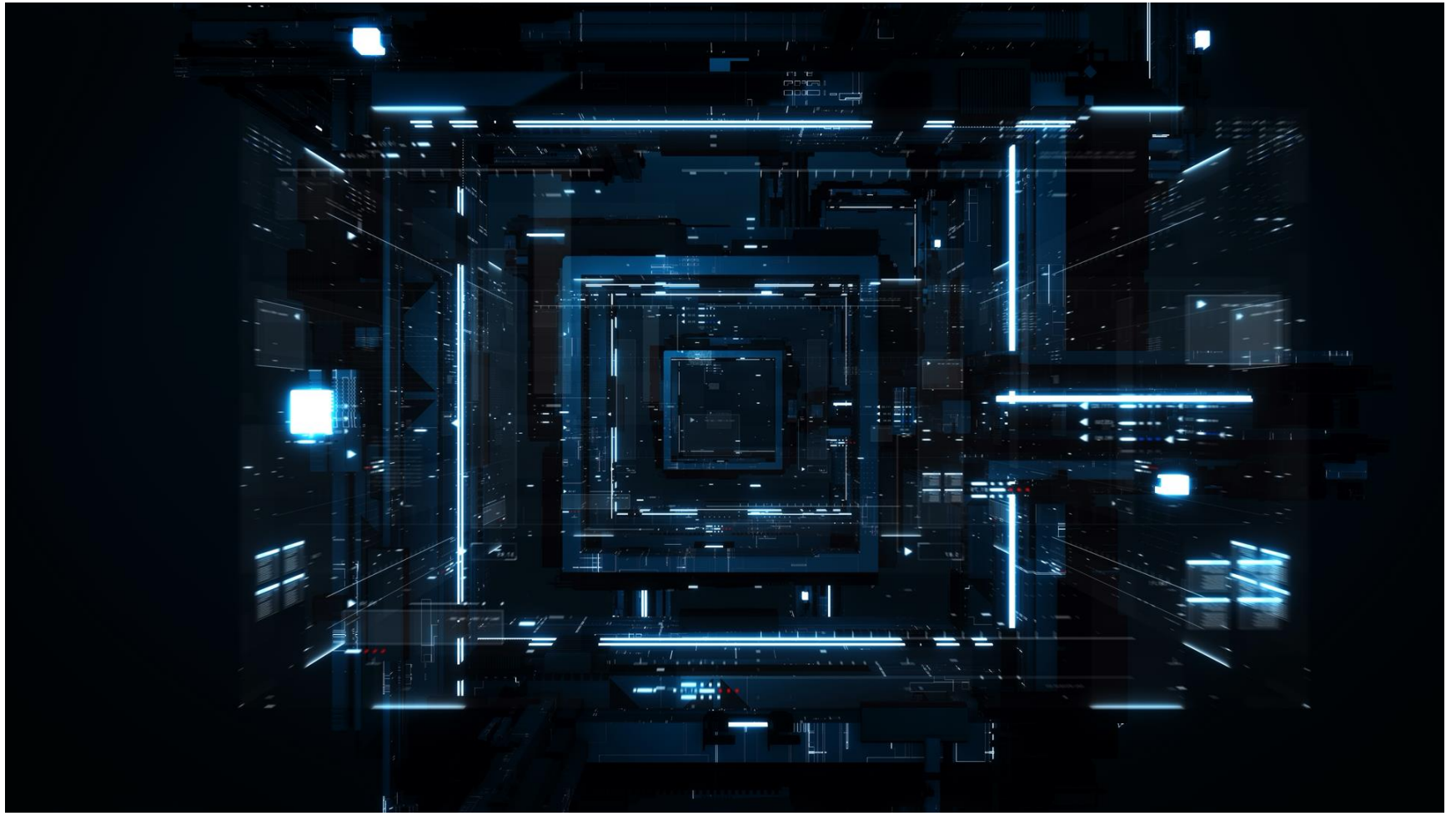
- SAP's strategy to move ahead with Access Governance in different deployment models
- Roadmap for Access Control
- Roadmap for IAG
- Access Governance in the wider picture with SAP Identity Lifecyle
- Recent innovations

Agenda

- Access Governance Multi Landscape Strategy
- Roadmap SAP Access Control
- Roadmap SAP Cloud IAG
- Access Governance and BTP Identity Services
- Recent innovations
- Wrap Up



Access Governance Multi Landscape Strategy



Access Governance: OnPrem and Private Cloud

- Access Control will continue to see investments
- Not all stacks will be supported in the future → consider the SAP S/4 versions of SAP Access Control
- Access Control PCE and Access Control onPrem share the same codebase, hence will also benefit from the same innovations via e.g. customer connect
- There will be a new GRC version!

Access Governance in the (Public) Cloud

Fast innovation cycles

- SAP can bring innovations at rapid speed
- All customers have the same software version deployed

Lower operating cost

- CapEx vs. OpEx
- Solution is operated by SAP

Digital Transformation

- Cloud Deployment enable fast implementation of adapted and new processes

Fast Implementation by standard processes

- Infrastructure ready in days
- Less modification options lead to faster implementations

Public Cloud with SAP Cloud IAG

- 2 subscription models available
  - Enterprise Edition
  - Integration Edition

- Identical code –different commercialization models
- Monthly deployment of new features
- Our rapid innovation platform
- Focus is on Access Governance for cloud applications
- Available in data centers across the world

But what about Hybrid?

- Use SAP Cloud IAG (integration edition) with SAP Access Control 12
- Targeted to support our existing Access Control customer base
- Extends known compliance functionality to cloud applications
- Investment protection
- Non-disruptive
- Works with Access Control PCE too

Roadmap and Outlook SAP Access Control

SAP Access Control

Q2, 2023

Access Risk Analysis

- GRC Ruleset Simulator to review access
- Ability to define default end date for Mitigation
- Include FFID for risk analysis

Access Request

- Additional customization in Fiori Apps – Approver/compliance App

Q3, 2023

Access Request

- Fiori app for requester with additional customization options
- Ability to retain Business role in Identity Management

User Access Review

- Allow role removal from UAR in Identity Management

Q1, 2024

Access Risk Analysis

- Ruleset management updates: download, upload, and transport options
- Automatic Alerts for expiring controls

Emergency Access Management

- Request Number for Firefighter Log Review Process
- Periodic mails for expiring Firefighter Assignment and unapproved request

User Access Review

- Reminder Functionality for Saved Access Review Requests

Future Release

Access Request

- Cancel or re-route multiple request at one time.

Emergency Access Management

- Audit classes and Events in the firefighter log review

1. This is the current state of planning and may be changed by SAP at any time without notice.

Roadmap and Outlook SAP Cloud IAG

Q4/2023

Access Analysis
- Multiple rule set support for Access Analysis
- Change Log for Mitigation Control

Privileged Access Management
- Improved PAM session management for SAP S/4HANA Cloud [Generally Available]

Access Request
- Enhanced termination scenario for Identity Lifecycle Management with application specific actions

Role Management
- Mass maintenance guided process for technical roles

Extend Access Governance
- Integration with SAP Build Work Zone, standard edition
- Extended Rule content for critical and SoD risks

Q1/2024

Access Analysis
- Change Log now tracks details for mitigation assignment

Privileged Access Management
- Advanced log in options for PAM ID in S4HANA On Premise

Access Request
- Improved access request process
  - Administration of approver delegation
  - Additional risk details in approver view

Access Certification
- Improved administration with mass notification

Q2/2024

Access Analysis
- Org Level Analysis during risk assessment

Privileged Access Management
- Re-use of PAM ID for multiple users in SAP S/4HANA Cloud

Access Request
- Workflow configuration to dynamically identify risk approver

Access Certification
- Additional reports
  - User access review status
  - Historical reports for access review

Extend Access Governance
- Improved Ariba integration

shared in SAP Roadmap Explorer

Q3/2024

Access Analysis

- User Level Simulation - What-if analysis for user level access with export (ad-hoc analysis)

Role Management

- Role maintenance process with integrated workflow

Extend Access Governance

- Advanced reporting with SAP Analytics Cloud
- Integration with SAP Business Network (Ariba Network)

Content

- Updated rule content for critical and SoD risk

Q4/2024

Access Analysis

- Simulation – Ad-hoc, what-if analysis at role level

Access Request

- Create user by reference with generative AI integration
- Advanced options to support multi-user access request process

Access Certification

- Risk Review process

Future

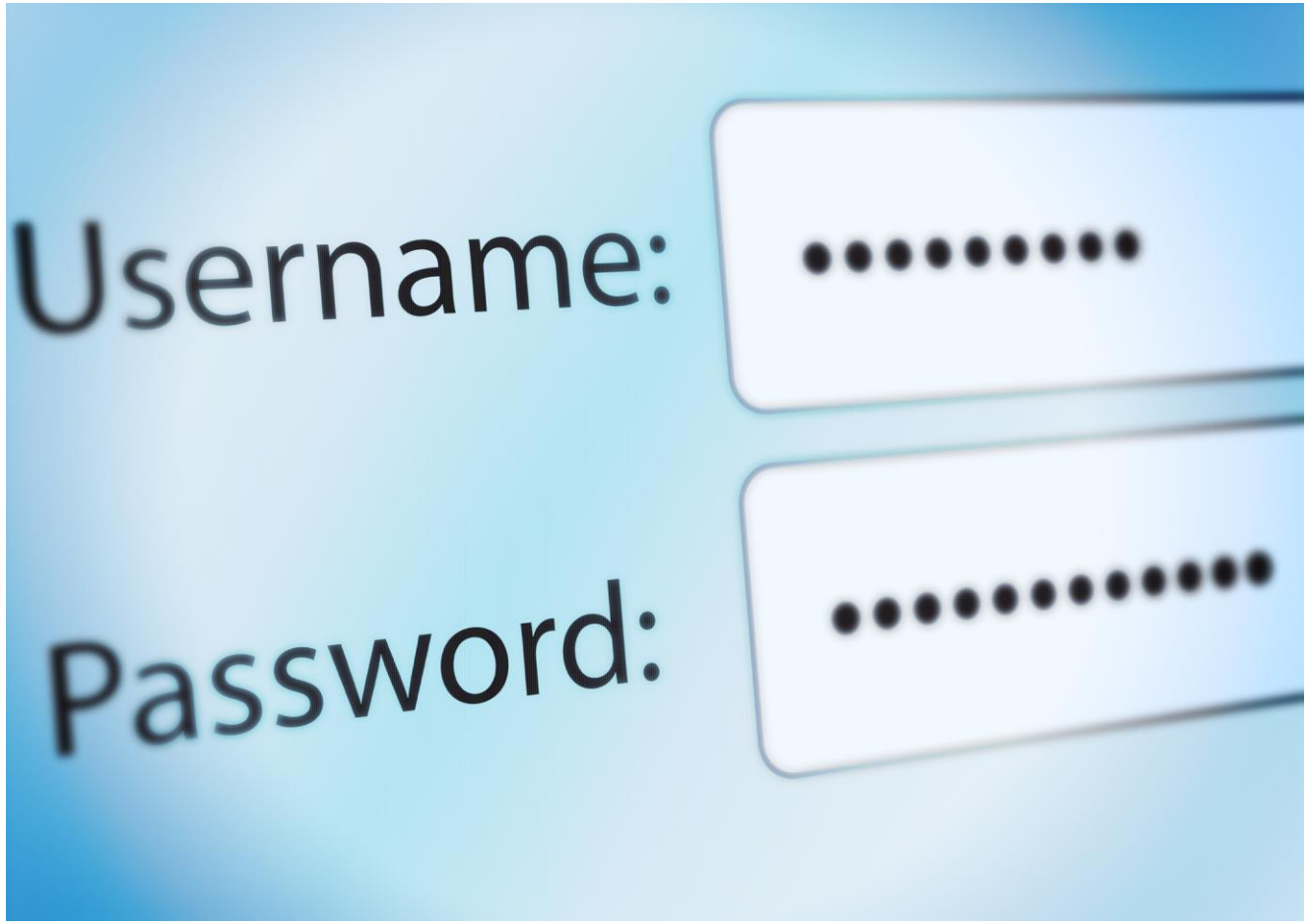
Integration with Financial Compliance Management for automated controls monitoring.

Enhanced capabilities to automate the discovery and identification of access risk for robot/machine identity

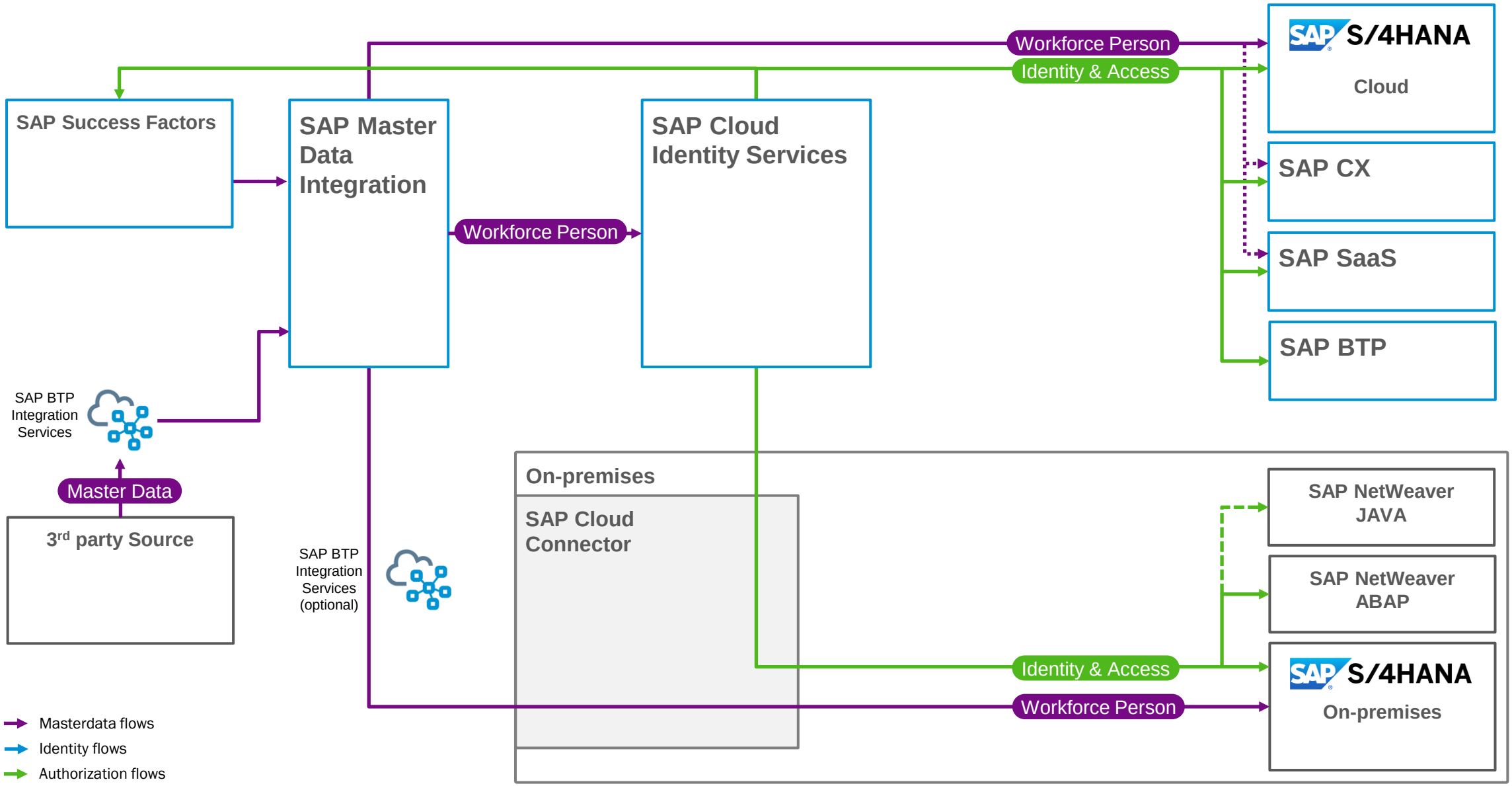
AI based identity risk detection and response for continuous governance

shared in SAP Roadmap Explorer

Access Governance and BTP Identity Services



Identity Access Management - Cloud Driven Reference Architecture



Identity Access Management – Identity Lifecycle with SAP SuccessFactors

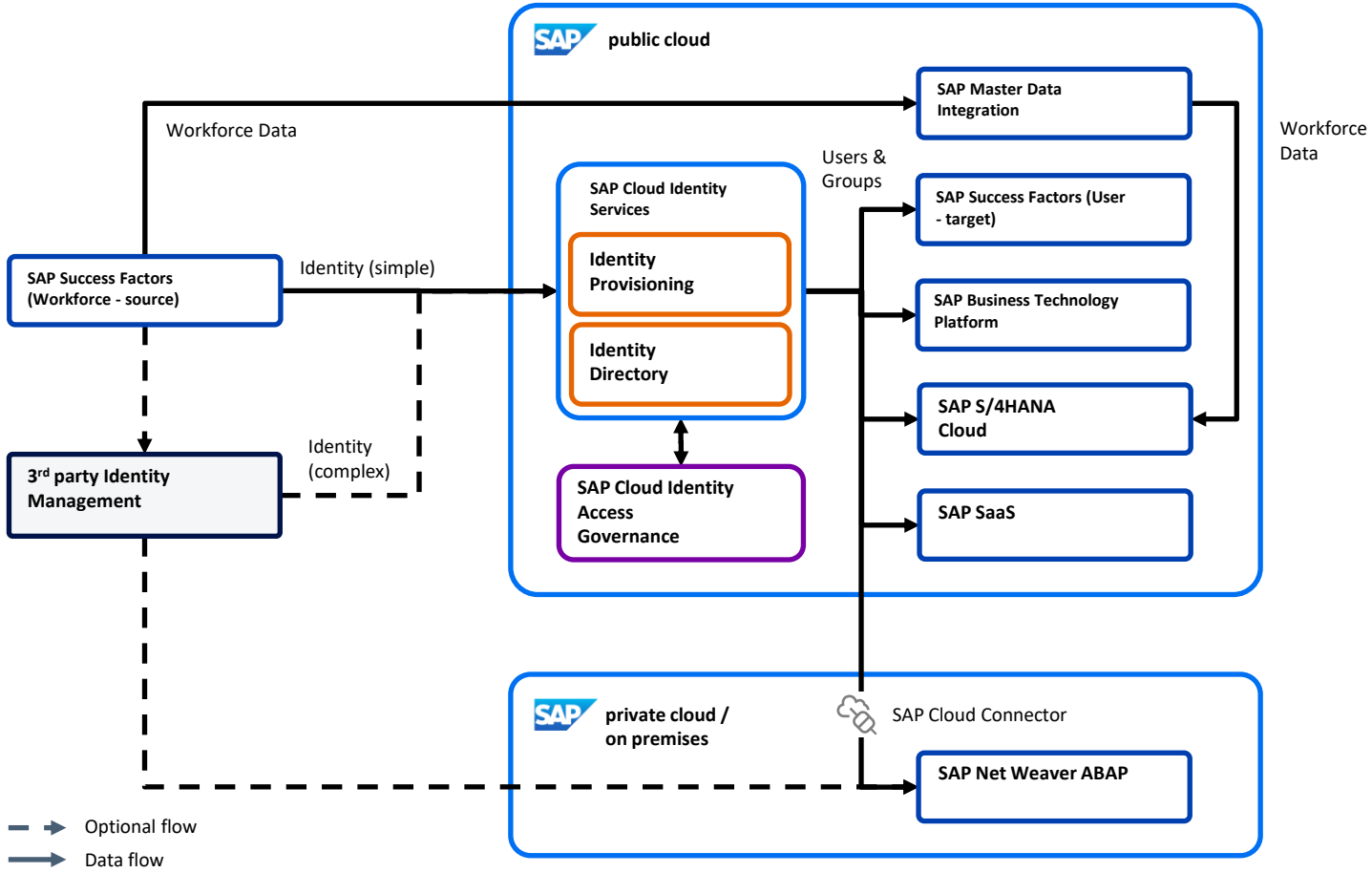
SAP Success Factors acts as **source** for **Workforce** data.

SAP Master Data Integration **distributes** in this case Workforce data.

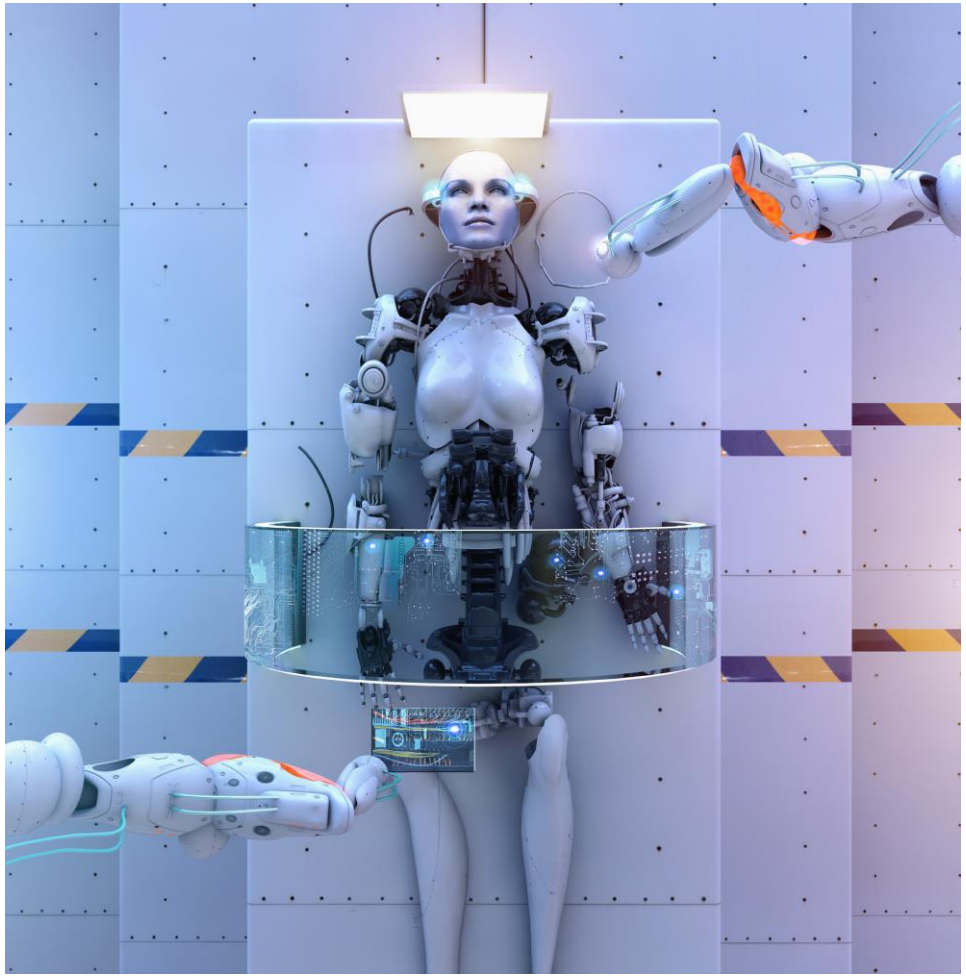
S/4HANA Cloud **consumes Workforce** data and awaits Users with access assignments.

SAP Cloud Identity Services **receives** the derived **Identity** and act as an **Identity Access Management** interface.

SAP Cloud Identity Services – **Identity Directory** and **Identity Provisioning** act as store and replication tool together.



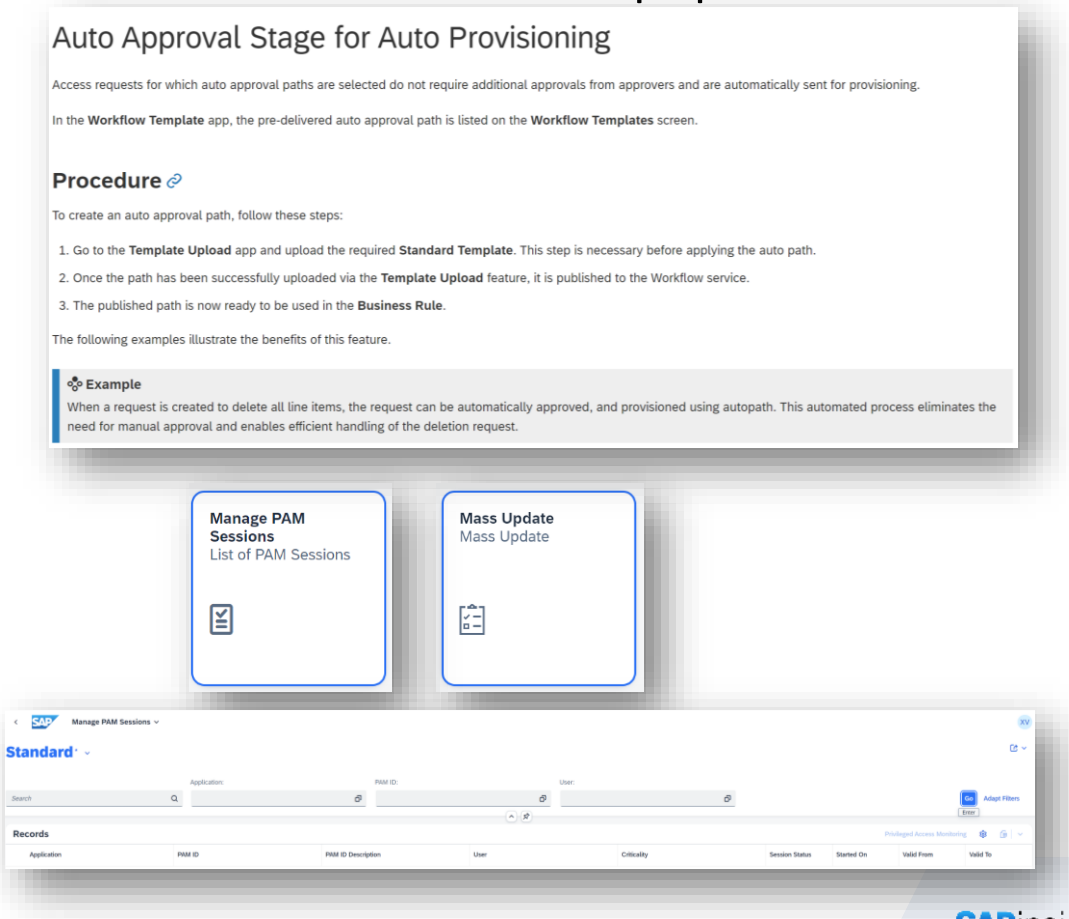
Recent Innovations



Recent innovations IAG

Release	Service	Description
2310	Access Analysis	**Updated** ▪ **Change Log for Mitigation Control Master Data** You can now access changes made to Mitigation Controls, helping you to review and validate them during audits.
	Privileged Access Management	**Added:** ▪ **Privileged Access Monitoring App** You now have a new **Refresh** button to sync the activity logs if log collections fail. ▪ **Privileged Identity Management for SAP S/4HANA Cloud** You can now customize Subject Name Identifier during Create/Lock/Unlock PAM ID users. **Updated** ▪ **Manage PAM Sessions App** You can now access **Privileged Access Monitoring** via this app to view details of individual sessions.
	Access Request	**Added:** ▪ **Provisioning Check for user ID requirement per Application** For user IDs longer than 12 characters, provisioning ensures that user mappings are maintained for application types SAP ERP, private cloud, and S/4 HANA OP in SAP Cloud Identity Access Governance.
	Role Design	**Added:** ▪ **Guide for Mass Access Maintenance** This guide gives you step-by-step instructions to carry out a mass maintenance process to update multiple access (roles) and attributes.

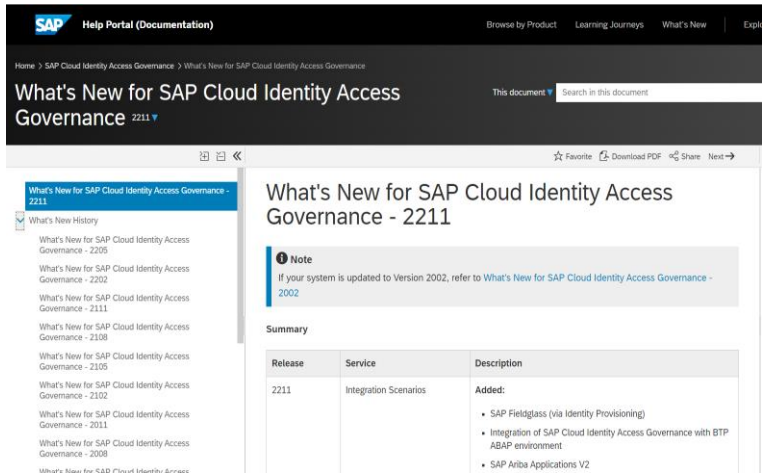
- SAP continues to deliver on the roadmap
- Customer influence helps prioritize



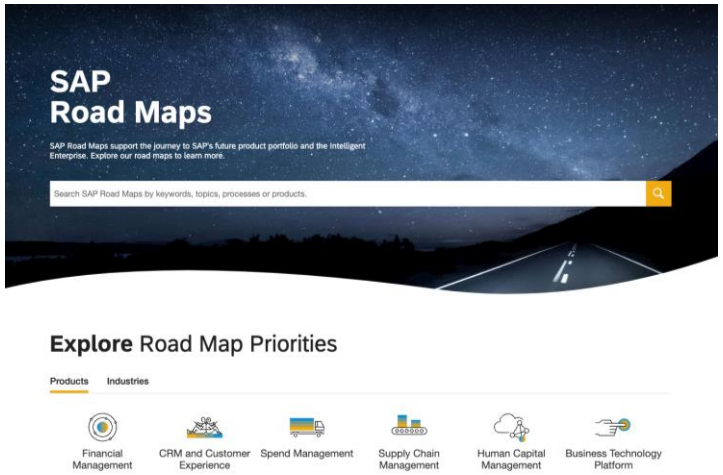
Key Points to Take Home

- SAP will continue to invest in private and public cloud Access Governance solutions
- SAP Access Control is planned to have a new release on the SAP S/4 Stack in 2026
- SAP Cloud IAG is the strategic solution for Access Governance in the Cloud
- BTP Identity Solutions and SAP Cloud IAG will see a stronger integration

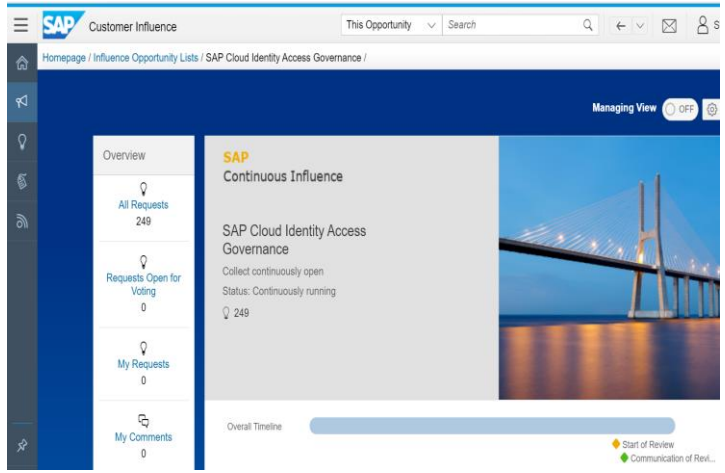
Roadmap & Retrospective



- [What's New for Identity Access Governance]



- [SAP Cloud Identity Access Governance Roadmap]



- [Submitting Improvement Requests]

Where to Find More Information

Explore ROI with our Value Calculator

Take a look at
www.sap.com/GRC
www.sap.com/security
www.sap.com/finance

Product road maps available on
https://roadmaps.sap.com/ (Goto Products->GRC)

Follow our blogs
GRC Tuesdays

Follow us on Twitter
#SAPGRC and #SAPFINANCE

Gero Maeder

VP Development Access Governance Solutions

SAP SE

Bo Baade-Pedersen

GRC CoE oCFO EMEA

SAP Danmark A/S

Please remember to complete your session evaluation.

SAPinsider

SAPinsider.org

PO Box 982Hampstead, NH 03841
Copyright © 2023 Wellesley Information Services.
All rights reserved.

SAP and other SAP products and services mentioned herein as well as their respective logos are trademarks or registered trademarks of SAP SE (or an SAP affiliate company) in Germany and other countries. All other product and service names mentioned are the trademarks of their respective companies. Wellesley Information Services is neither owned nor controlled by SAP SE.

SAPinsider comprises the largest and fastest growing SAP membership group worldwide, with more than 750,000 global members.