

A Collaboration of  and 

# SAP Enterprise Architect Global Summit

Virtual Event - March 1-3, 2022

## Re-birth of Enterprise Architecture in Hybrid Worlds

Max Yurov – SAP Enterprise Architect





**“If you do not create change,  
change will create you.”  
~Unknown**



# Today's Agenda

**1** Is Enterprise Architecture important in the Hybrid World ?

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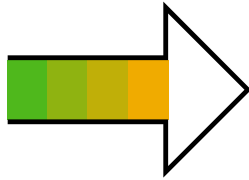
**2** What are some of the challenges that face Enterprise Architects today?

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**3** How can Enterprise Architects leverage SAP RISE with Business Technology Platform (BTP) to quickly respond to constant change?

# The New Role of an Enterprise Architect in the Hybrid Cloud

## Shift In Mindset

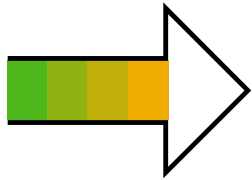


- Architect beyond just your own four wall datacenter and the solution you own
- Focus on scalability and rapid elasticity / (T-shirt sizing)
- Dynamic orchestration of compute, storage, and networking resources
- Quickly adapt to changing business conditions and customer demands
- Outcome focused solutions that drive business value



# The New Role of an Enterprise Architect in the Hybrid Cloud

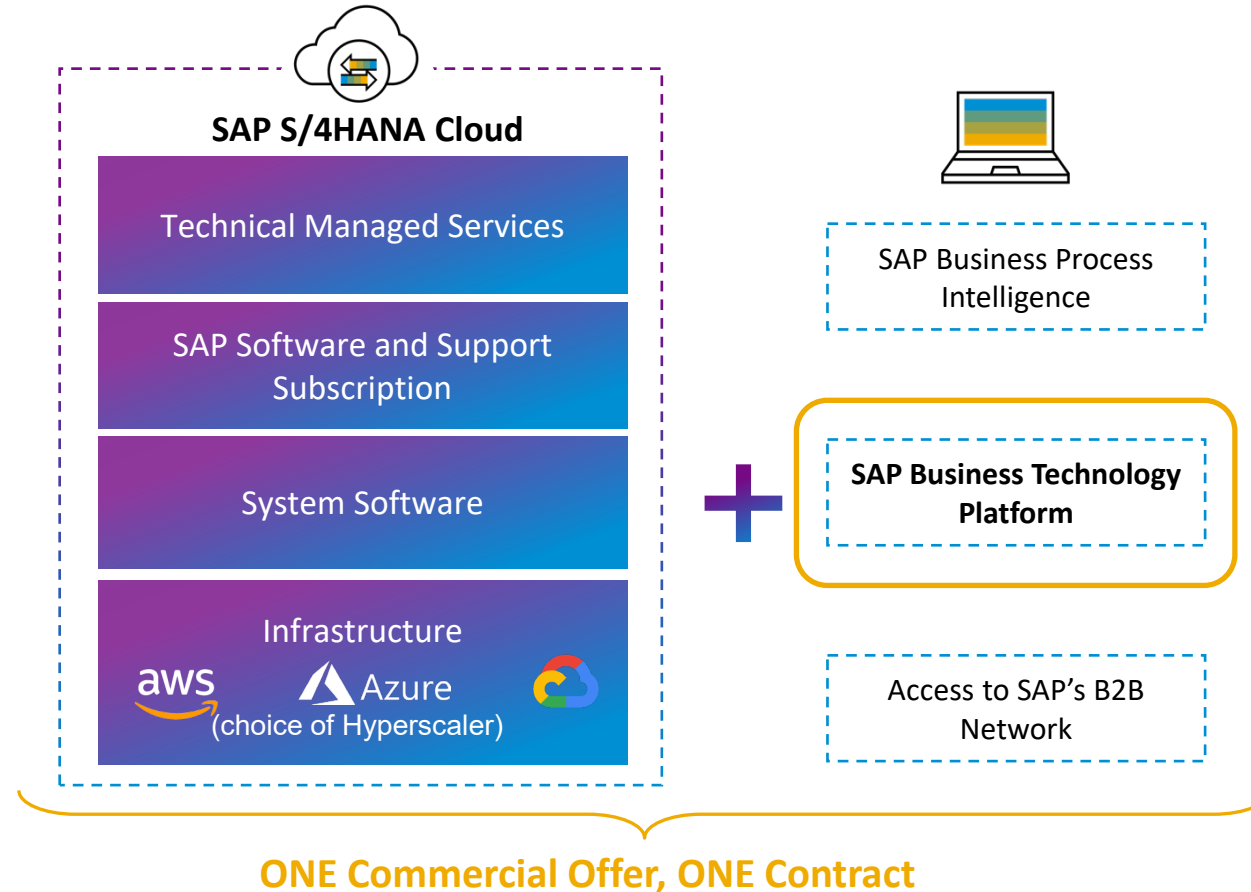
**React Faster to  
Constant Change**



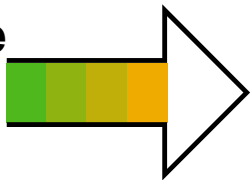
- EA discipline must adapt to a world that moves faster and which is less predictable to fulfill its promise to the organization
- Keep the ERP core clean to optimize business processes and speed up innovation adoption
- Solution suites that drive innovation cycles and adoption of process standardization
- Be ready with solutions for cloud to on-prem and cloud to cloud holistic integration to meet your business needs
- Look for standard integration and pre-built APIs (Lets build an interface vs. Where can I find and re-use an API ?)

“The whole idea of Enterprise Architecture is to enable the Enterprise to address orders of magnitude increases in complexity **and** orders of magnitude increases in the rate of change.” **John Zachman**

# The New Role of an Enterprise Architect in the Hybrid Cloud



**Architect to be  
Hyperscalers  
Agnostic**



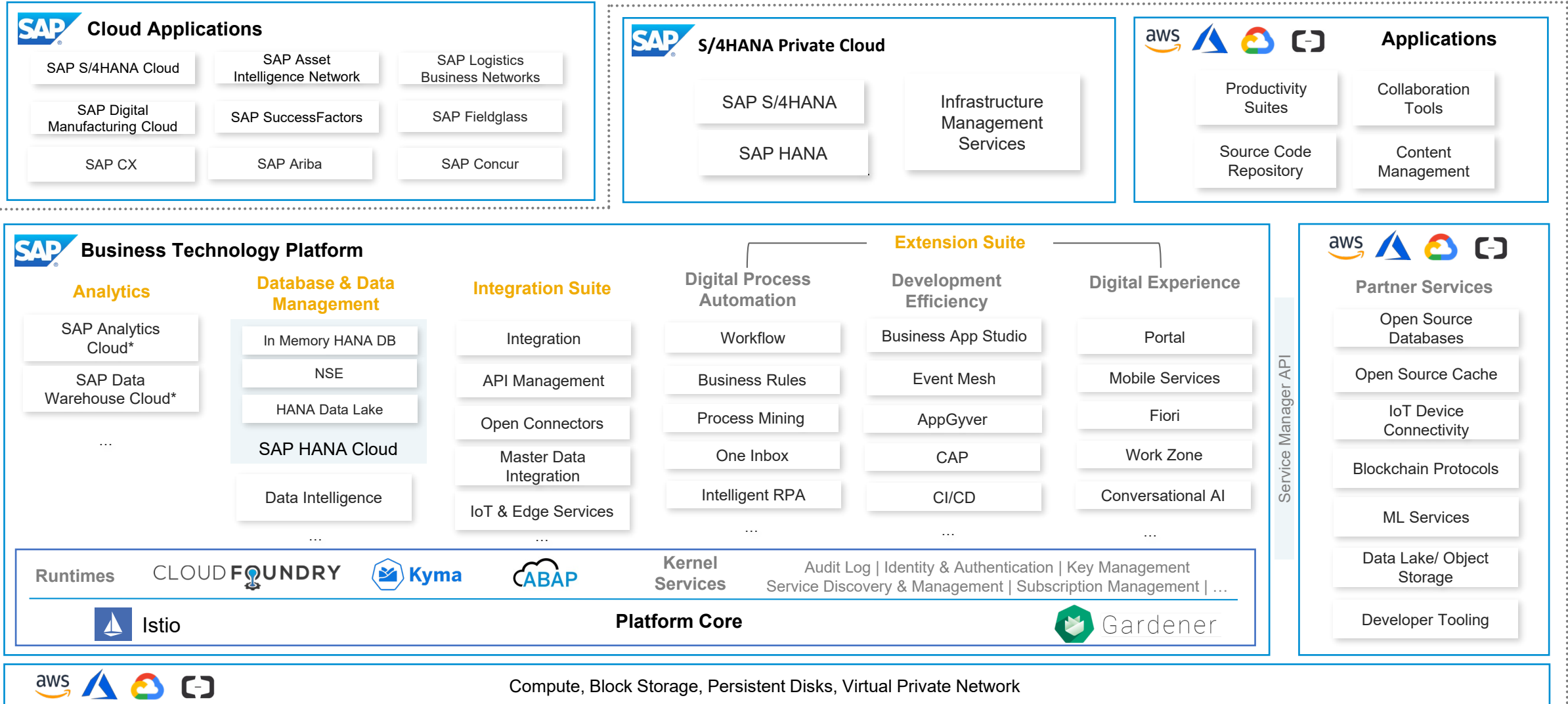
- Don't lock yourselves into one set of hyperscale's solutions/tools
- Build a resilient architecture to allow your business solutions to be agile
- Look for platform solutions (PaaS) which provide services across all Hyperscalers – SAP Business Technology Platform (BTP)

# Some challenges facing Enterprise Architects with deploying SAP ERP in the Cloud

1. Deciding right cloud model suitable for their organization – **public, private, community or hybrid cloud**
2. **Prioritize**, how and where to start from, which applications, services, location should be moved first
3. Cloud transformation implementation approach – **Greenfield, Evolutionary or Revolutionary.**
4. Approach for moving applications to cloud – **lift and shift ? , optimize and move** or move and then optimize for cloud
5. Understand the **impact** on the business processes, people, skills, application development, deployment, disaster recovery, security, operation and support model
6. Adopting new IT finance model – **cap-ex to op-ex**. Comparing total cost of ownership (TCO) for on-premises and cloud.
7. How to govern and operate cloud and cloud services – **SAP and customers have joint governance**
8. Moving from traditional operation/support to DevOps approach required for cloud – **Next generation DevOps**

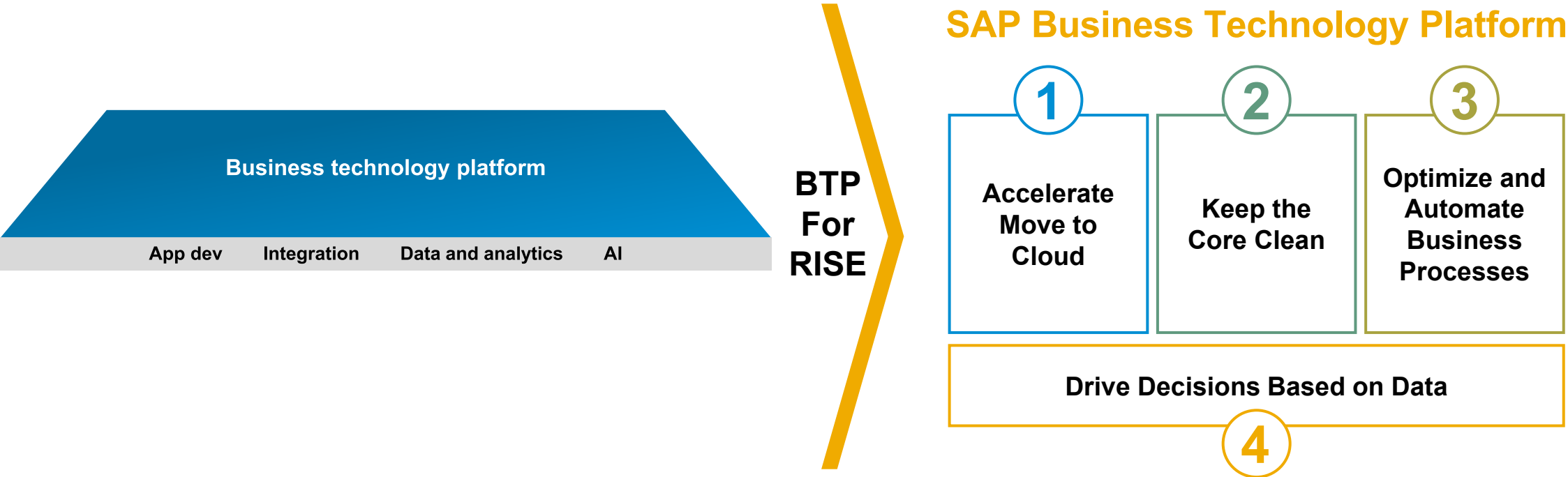


# RISE with SAP Business Technology Platform Deployment Architecture on Hyperscalers



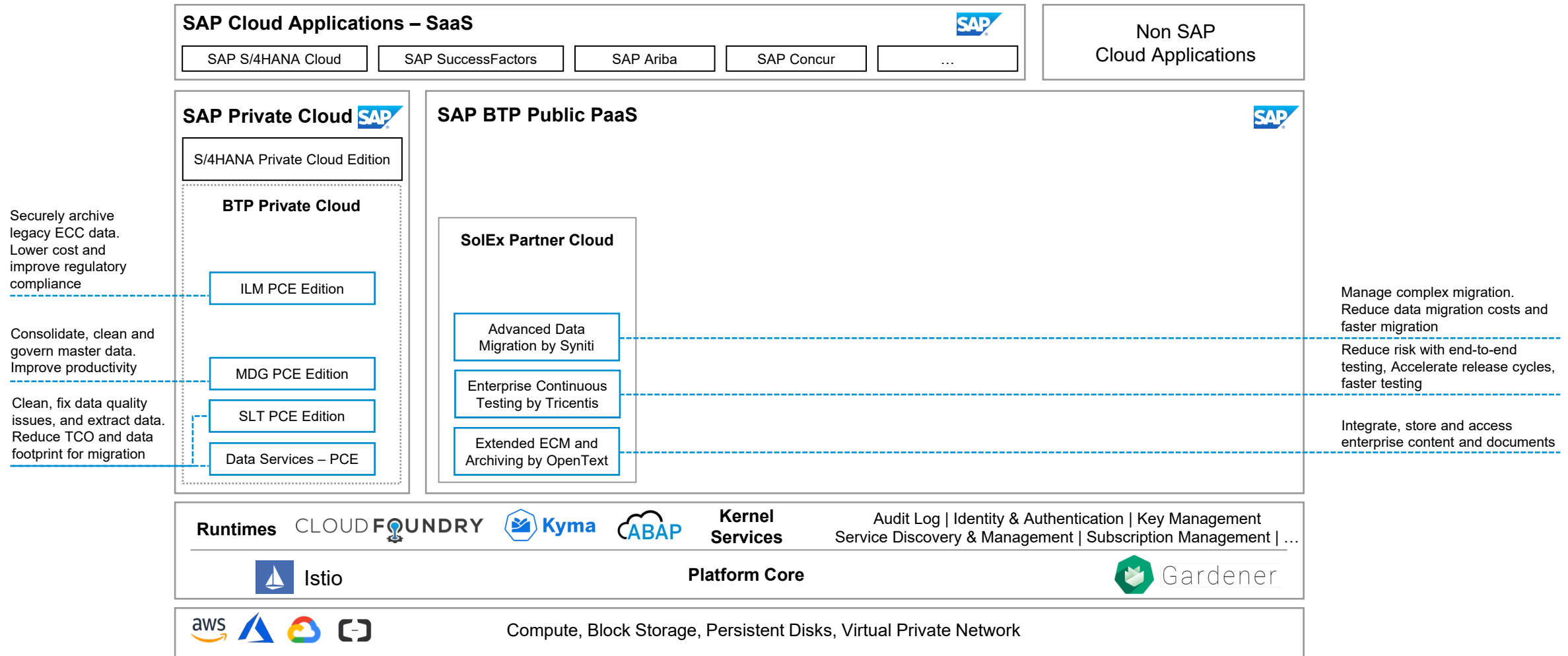
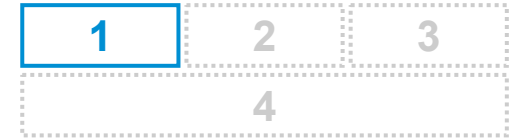


# SAP BTP Unlocks Four Sources of Differentiating Value in a RISE Deal



# Accelerate Move to Cloud

## BTP for RISE – Architecture and Components



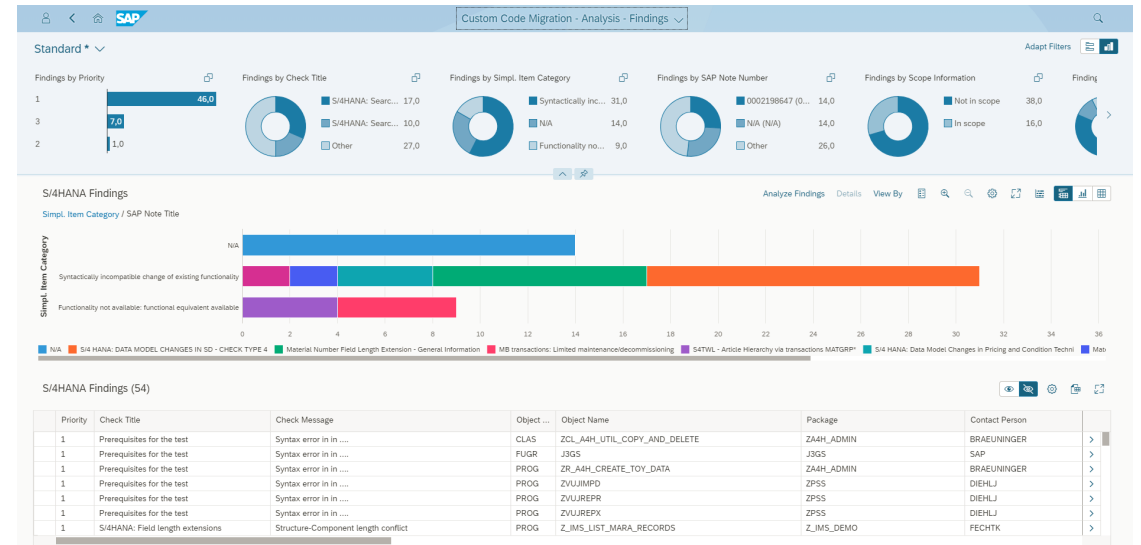
# Custom Code Migration app on SAP BTP, ABAP environment



**Challenge:** During conversion from SAP ECC to SAP S/4HANA customers need to adjust custom code, which has to be analyzed using the CCM application. For this, customers need a separate ABAP system, which requires either an additional infrastructure on-prem or in the cloud.

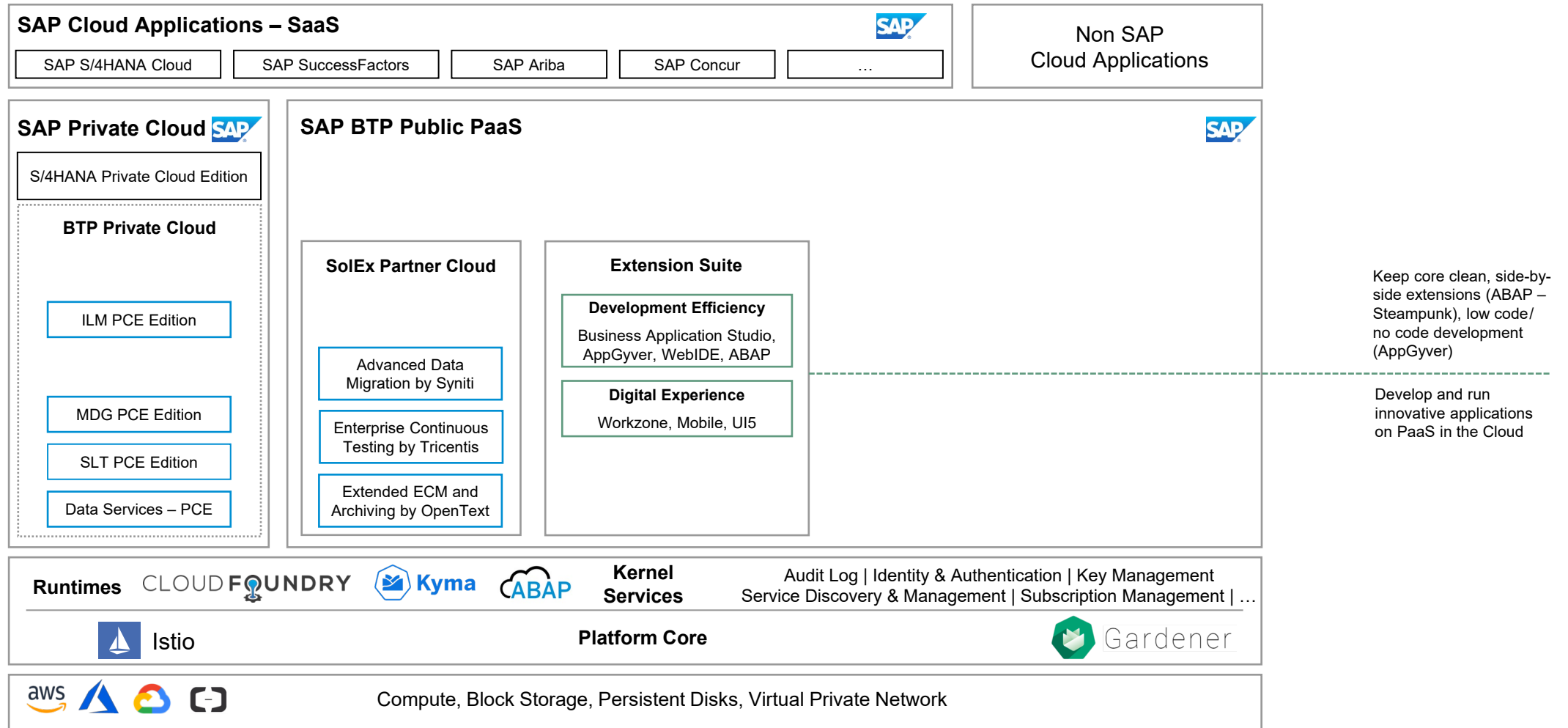
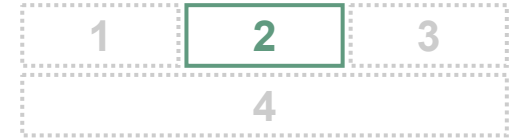
**Solution:** Use SAP BTP, ABAP environment to run Custom Code Migration application in the cloud with no additional on-prem infrastructure efforts.

**Design:** **Monitor** usage of your custom code with the ABAP Call Monitor (transaction [SCMON](#)). **Aggregate** usage data in your production system with SUSG transaction (without SAP Solution Manager). **Analyze** usage data in the Custom Code Migration app to define custom code migration scope. **Remove** unused code during the SAP S/4HANA conversion automatically using Software Update Manager. Find more details [HERE](#).



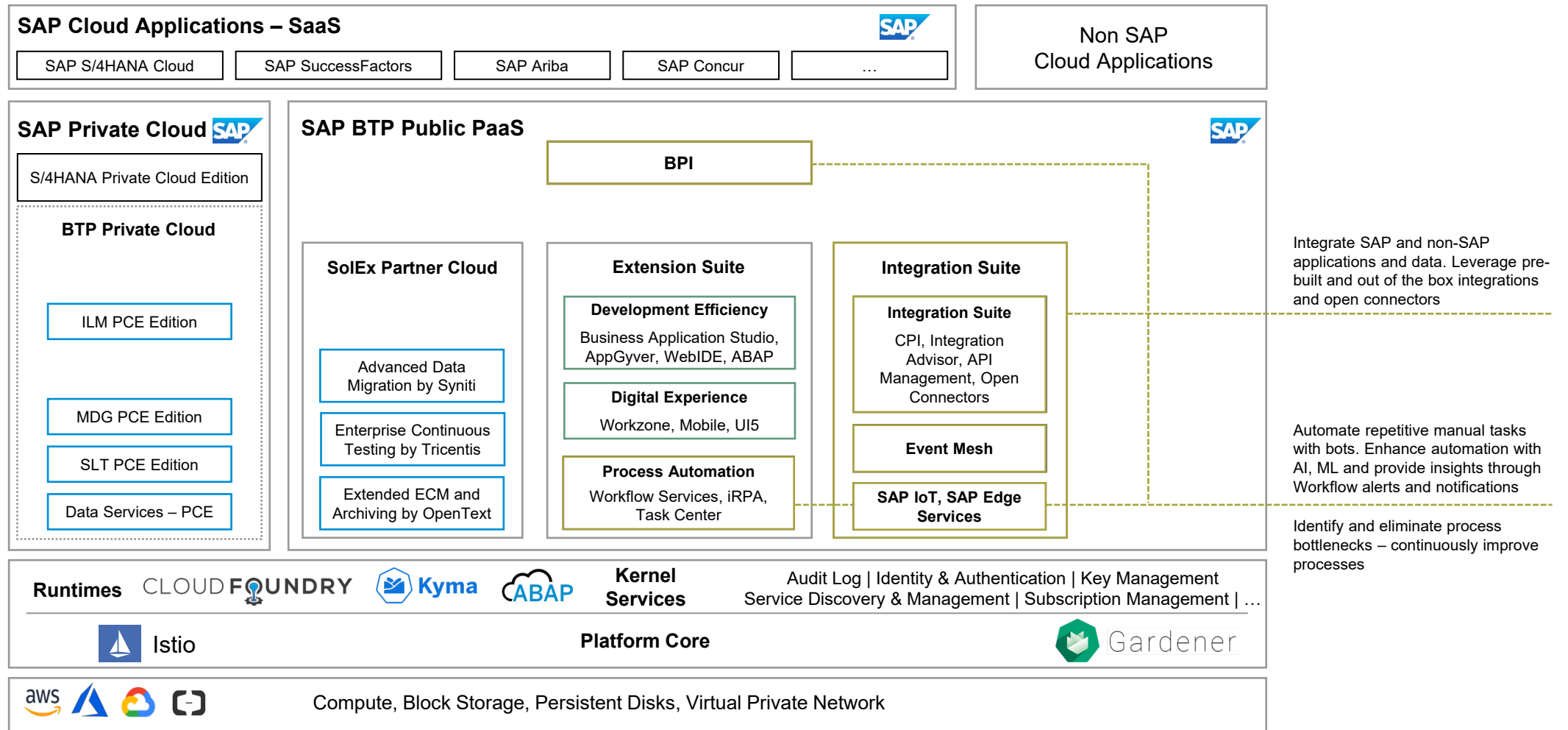
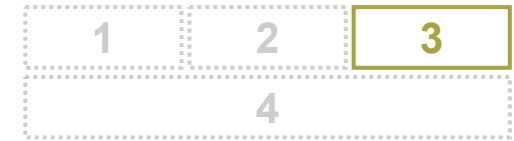
# Keep the Core Clean

## BTP for RISE – Architecture and Components



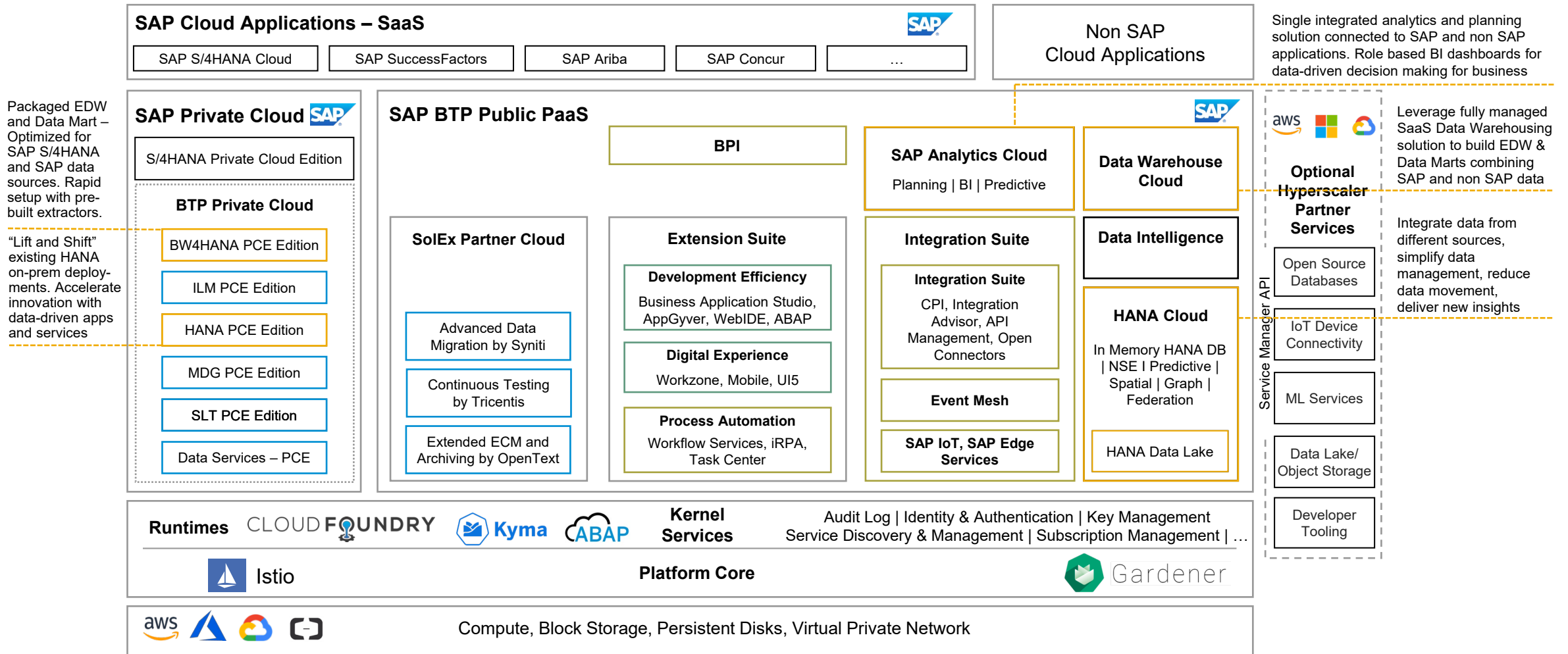
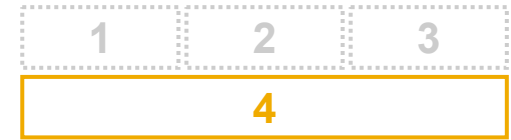
# Optimize and Automate Business Processes

## BTP for RISE – Architecture and Components



# Drive Decisions Based on Data

## BTP for RISE – Architecture and Components



# SAP S/4HANA + SAP Business Technology Platform



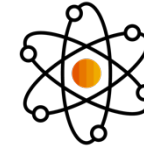
## Accelerate and simplify migration

- Move data and extensions
- Keep data clean
- Integrate SAP applications
- Integrate 3rd-party applications



## Optimize and automate business processes

- Automated approvals
- Automated processes
- Automated document exchange
- Data change notifications
- Employee self-service



## Differentiate to gain competitive advantage

- Intelligent data classification
- Intelligent document processing
- Predictive asset maintenance
- Rapid data entry
- Voice and chat interface

Discover these use cases and more:

[SAP Extensibility Explorer](#)

[SAP API Business Hub](#)

[Intelligent robotic process automation store](#)

[SAP Discovery Center](#)



# Call to action and resources

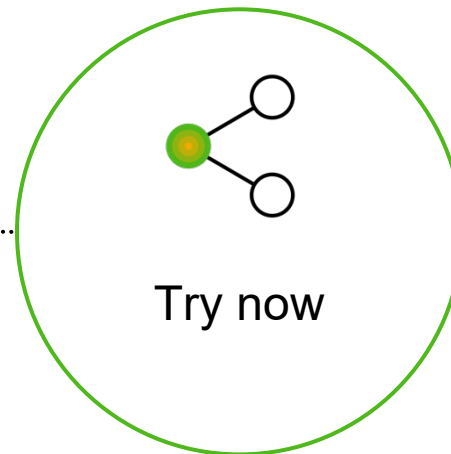
- **Explore** SAP BTP use cases to help ensure a successful SAP S/4HANA deployment
- **Pilot or deploy** use cases for up to 200 employees with your CPEA credits
- **Contact** your partner in our Customer Success organization for **free** coaching and advice on SAP BTP
- **Schedule** a **free** value workshop on SAP BTP with your SAP representative to discover additional use cases and design a customized road map



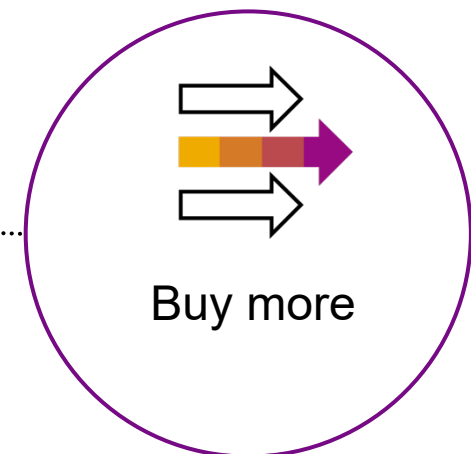
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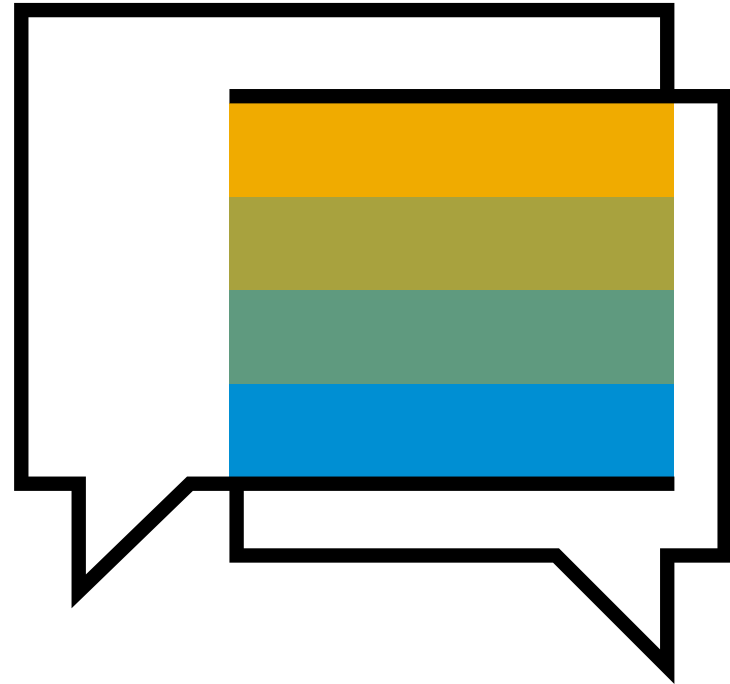


[Get plans and pricing](#)

# Key Takeaways

1. Enterprise Architecture values/skills still apply and are more important in the new Hybrid World, we must adapt faster to constant change.
2. Enterprise Architects need to think in the context of cloud flexibility and adopt solutions with holistic integrations to react faster to constant change – **SAP Business Technology Platform.**
3. Enterprise Architects need to focus their cross hairs on areas such as latency, integration, egress, elasticity, scalability..(etc.,) and design / roadmap on PaaS that are portable on any Hyperscalers.

**Q & A**



# Additional Resources

- [SAP Discovery Center](#) - Learn how to adopt SAP Business Technology Platform and turn data into business value – List of Missions, Services..etc.
- [All | APIs | SAP API Business Hub](#) – Find available APIs to integrate and extend
- [Integration Flow | Integrations | SAP API Business Hub](#) – Explore pre-built end to end integration scenarios
- [SAP Extensibility Explorer for SAP S/4HANA Cloud](#) – Examples and guidance for when to use Side-By-Side Extensibility on with BTP or use S/4HANA In-App Extensibility Options
- [The Intelligent Enterprise | SAP](#)
- [SAP Insights](#)

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## THANK YOU

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SAP

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