

Modernizing the SAP ecosystem with a cloud native approach

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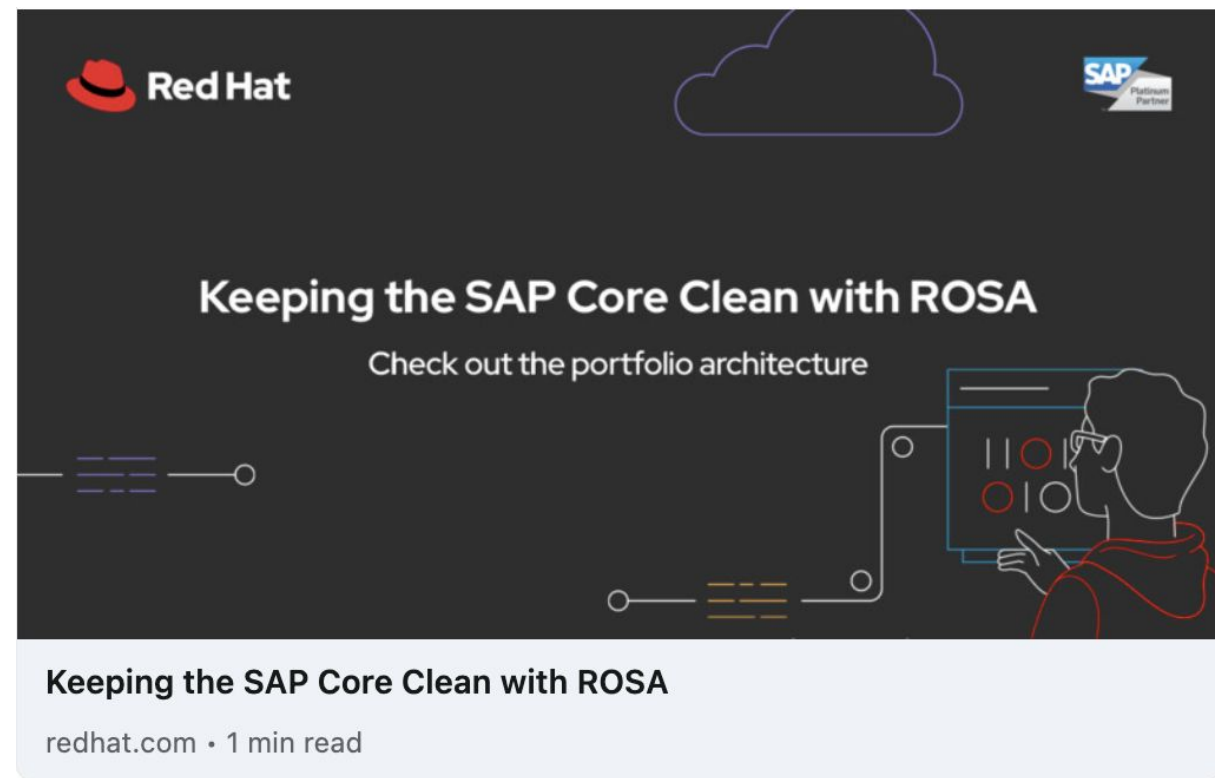
In This Session

- SAP - Red Hat Update
- A platform approach
- AWS collaboration
- Wrap-Up



[SAP link](#)

red.ht/SAPNEWS



[Blog](#)

Why Red Hat for SAP ?

Credibility

More than 90%
of companies in the Fortune 500
use Red Hat Enterprise Linux¹

Red Hat named a **leader in**
multicloud container
development platforms
in the Q3 2020 Forrester Wave Report²

Red Hat named a **leader in**
infrastructure
automation platforms
in the Q3 2020 Forrester Wave Report³

Confidence

20+ year partnership
with SAP

SAP preferred OS
For net new Rise for SAP solution
development

Co-innovators with SAP
around multicloud, open source, and
Kubernetes technology

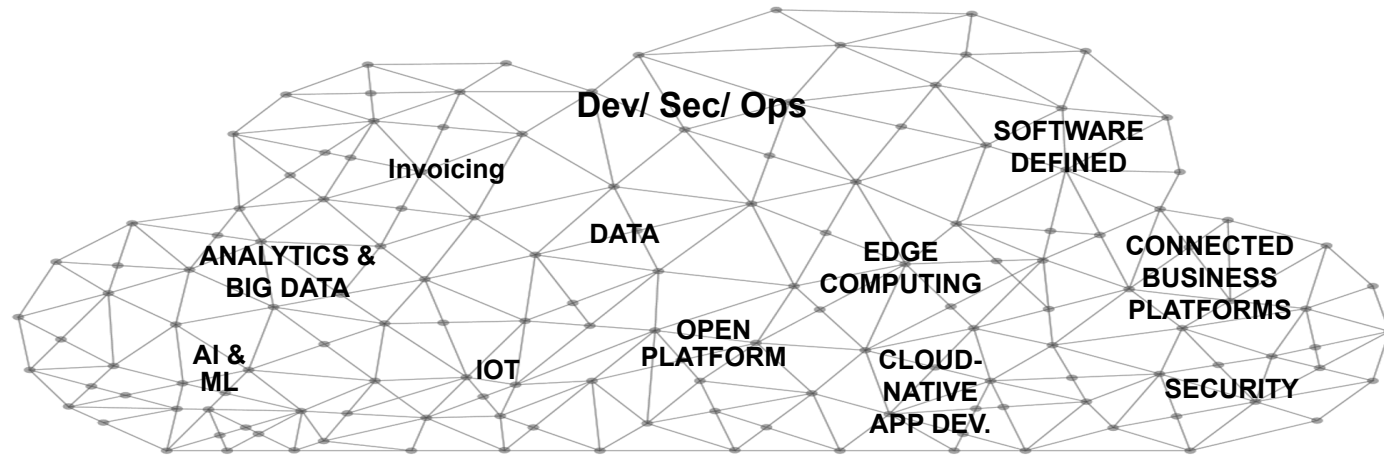
Consistency

Red Hat is the only vendor
with a complete and **open hybrid cloud**
infrastructure for SAP workloads

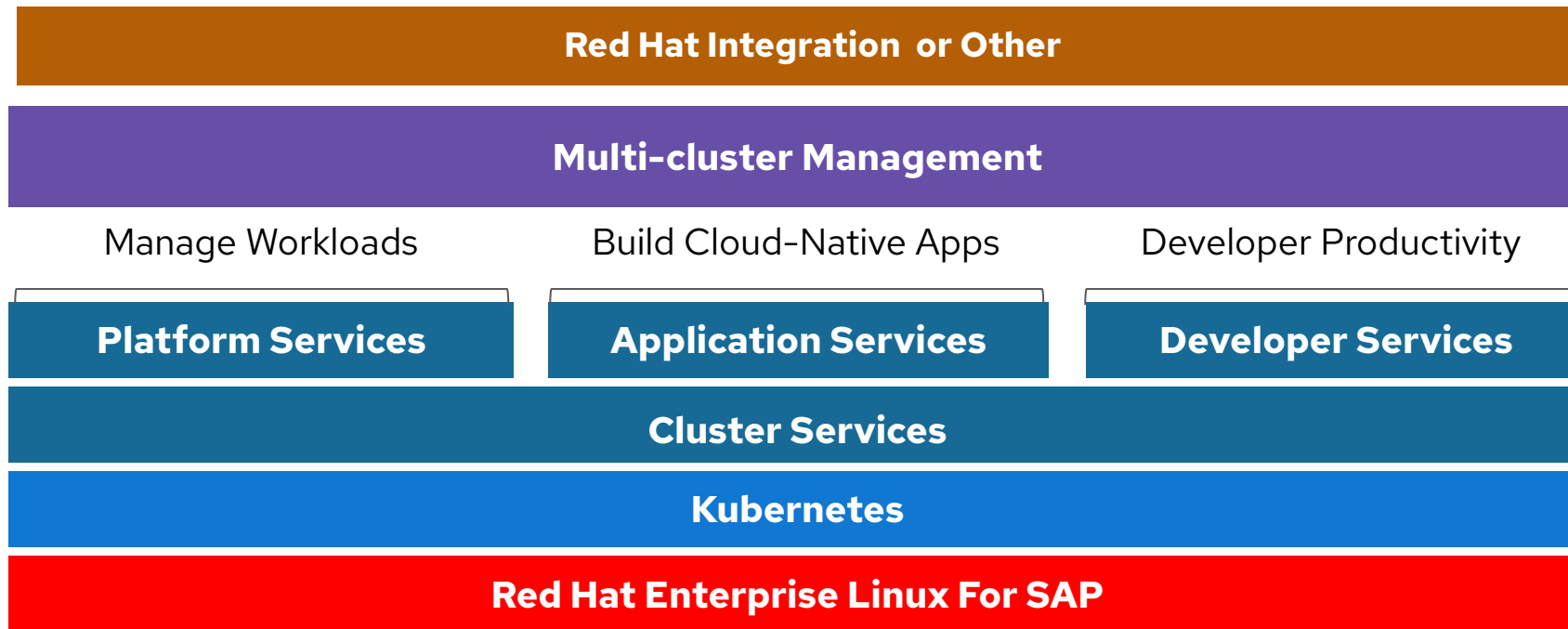
Our turnkey portfolio provides
scalability, stability and
flexibility

Red Hat helps enterprises prepare
for anything by
avoiding vendor lock-in

A Platform Approach



OpenShift
Container
Platform



Physical



Virtual



Private cloud



Public cloud



Managed cloud
(Azure, AWS, IBM, Red Hat)

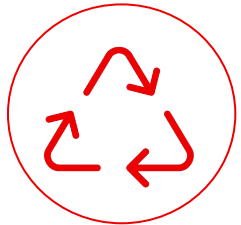


API Management Platform for SAP

Business Drivers



Increase development efficiency by consolidating system integration functions



Avoid modifications to business processes derived from the format changes introduced by the migration to SAP S/4HANA



Reduce maintenance costs by minimizing development of SAP add-ons and more generally not creating custom developments in the SAP core

Backend SAP system

SAP application

SAP DB

Container Platform

Data Integration

Integration Processes

Service Integration

API Management

Applications

Satellite system

Application

Satellite system

Application

Satellite system

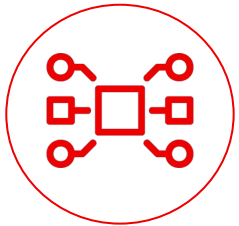
Application

Red Hat OpenShift Service on AWS Implementation

Business Drivers



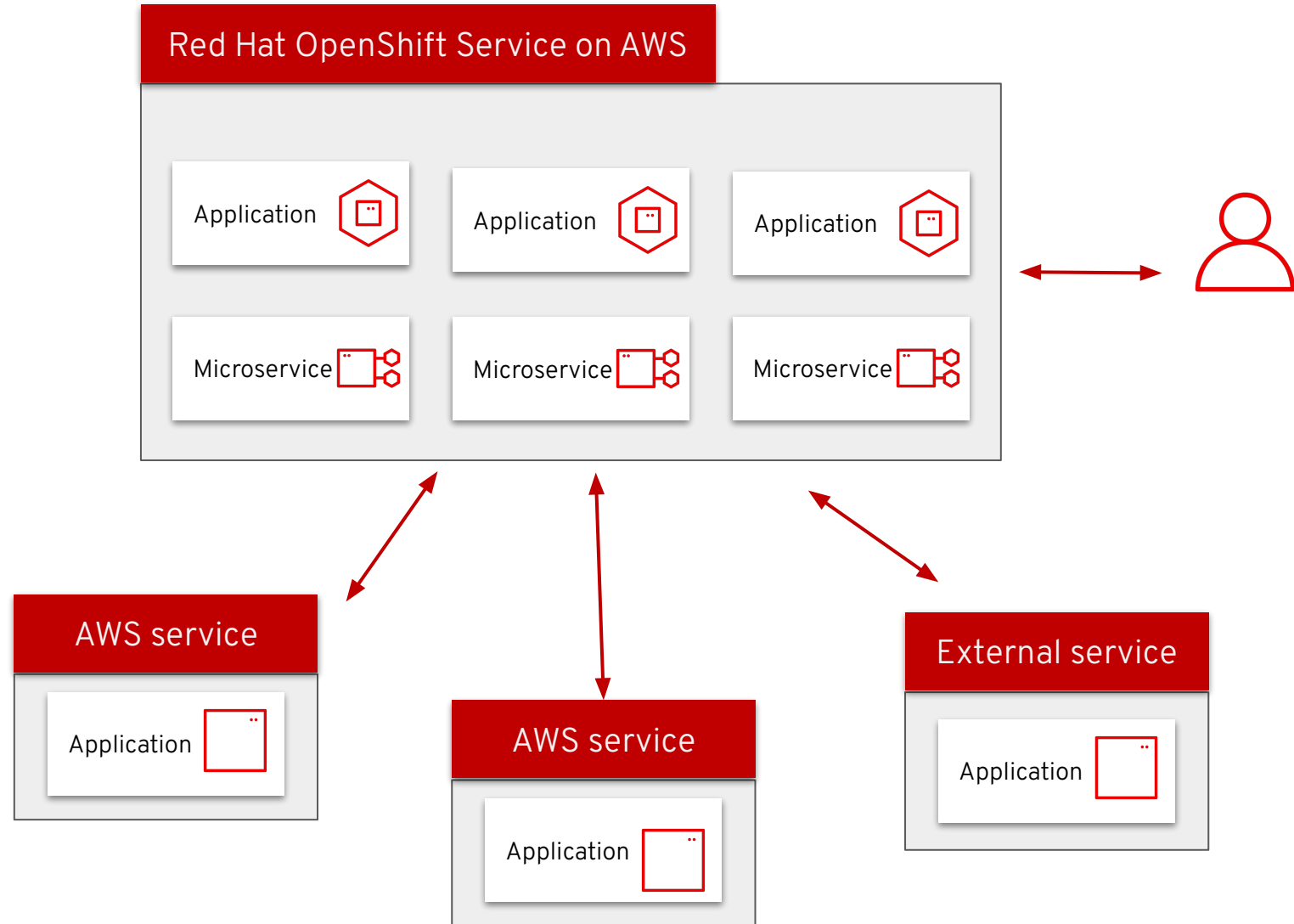
Develop new applications faster, in a more flexible way and with less footprint



Improve customer experience and satisfaction being more responsive to market demands adopting DevOps methodologies



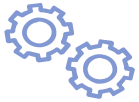
Reduce the cost of having a permanent dedicated on-premise infrastructure for the container platform as well as the cost and need for skills to manage it



Application Modernization



Red Hat OpenShift Platform & application integration provide a secure, flexible foundation for 3rd party and custom code development (HANA, S/4HANA, Rise) ... **complementary to SAP BTP**

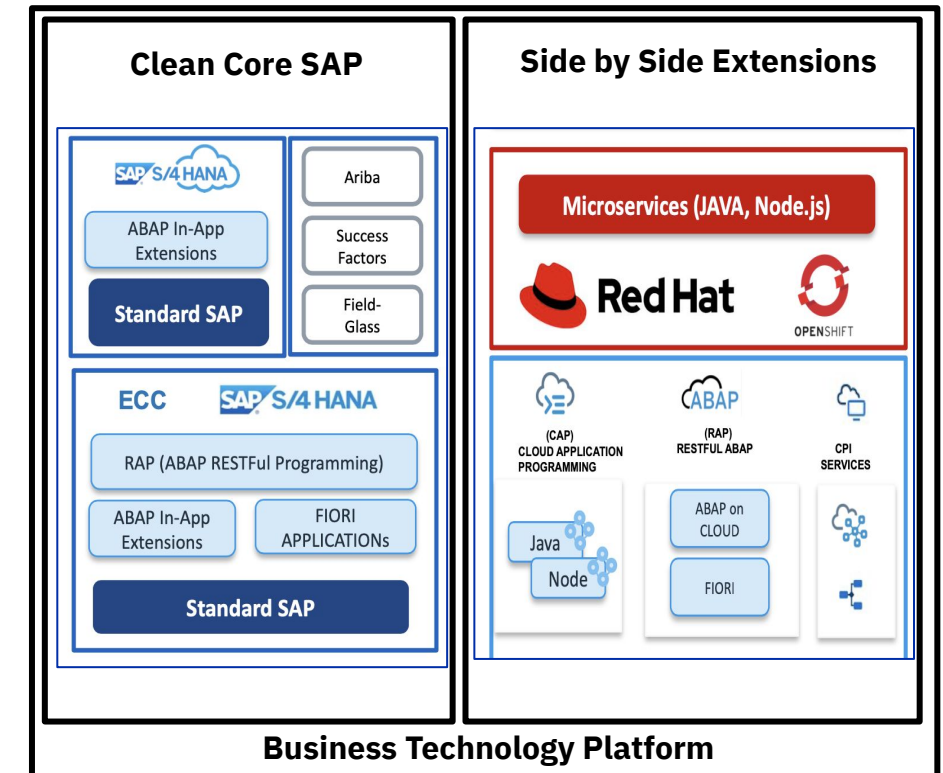


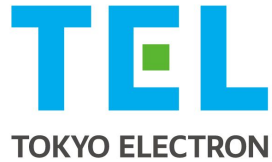
Side by Side extensibility is the SAP recommended approach. It enables customers to leverage APIs, decouple from SAP HANA, innovate and upgrade much easier



Red Hat & SAP ecosystem partners can help customers with all aspects of a SAP migration and innovation. From ABAP code analysis to leading cloud infrastructure, to cloud native tools integration.

Move from heavily customized SAP to Clean Core and Side-by-Side Applications





“Many of the functions of our various subsystems had been created with legacy technology, and we also needed to translate data to meet SAP’s specifications. The only solution that could fulfill these requirements was Red Hat Integration.”

Yoshiyuki Kaki

Deputy Division Manager,
Information System Department, IT
Division, Tokyo Electron Ltd.

Challenge

Tokyo Electron Ltd. (TEL) sought to create a bridge between pre-existing specialized subsystems with a new SAP S/4HANA® enterprise resource planning system, helping to unify the wide variety of in-house information across the company.

Solution

The company built a microservices-based approach with Red Hat’s enterprise open source solutions.

Why Red Hat

The company chose Red Hat Integration since it was the only solution that could fulfill their various requirements with its wide range of protocol conversion options. They also liked the involvement from the open source community to speed product improvement.

Results

- Improved developer productivity with container-based architecture
- Achieved 100% system availability
- Simplified adoption of new integration approach with expert guidance

Products and services

Red Hat® Integration
Red Hat Consulting
Red Hat Training

Red Hat OpenShift®
Red Hat Support

Collaboration with AWS

Thousands of customers choose AWS



AWS and Red Hat Partnership Helps Customers Meet Digital Needs

Red Hat and AWS are industry leaders with extensive experience in **IT infrastructure, hybrid cloud, digital transformation, and open source innovation.**

Through **collaborative engineering** activities, they offer integrated, certified solutions to meet modern, digital business needs.

Consistent, enterprise-grade platforms with advanced security and management features help organizations build IT infrastructure that supports their business efficiently and cost-effectively and adapts on their schedule.

**Red Hat and AWS
by the numbers**

Partners since
2008

>60,000
of AWS customers
consume Red Hat
products and solutions

“Given that Red Hat is the world’s leading provider of open-source solutions, our enterprise customers have been passionate about seamlessly running Red Hat Enterprise Linux and various other Red Hat solutions on AWS.”

Andy Jassy | CEO, Amazon

Red Hat OpenShift Service on AWS



Fully-managed Red Hat OpenShift service on AWS, jointly supported by both Red Hat and AWS



Clear path to hybrid cloud deployments

Delivers the production-ready Kubernetes that many enterprises already use on-premises today, simplifying the ability to shift workloads to the AWS public cloud as business needs dictate.



Empower developers to innovate

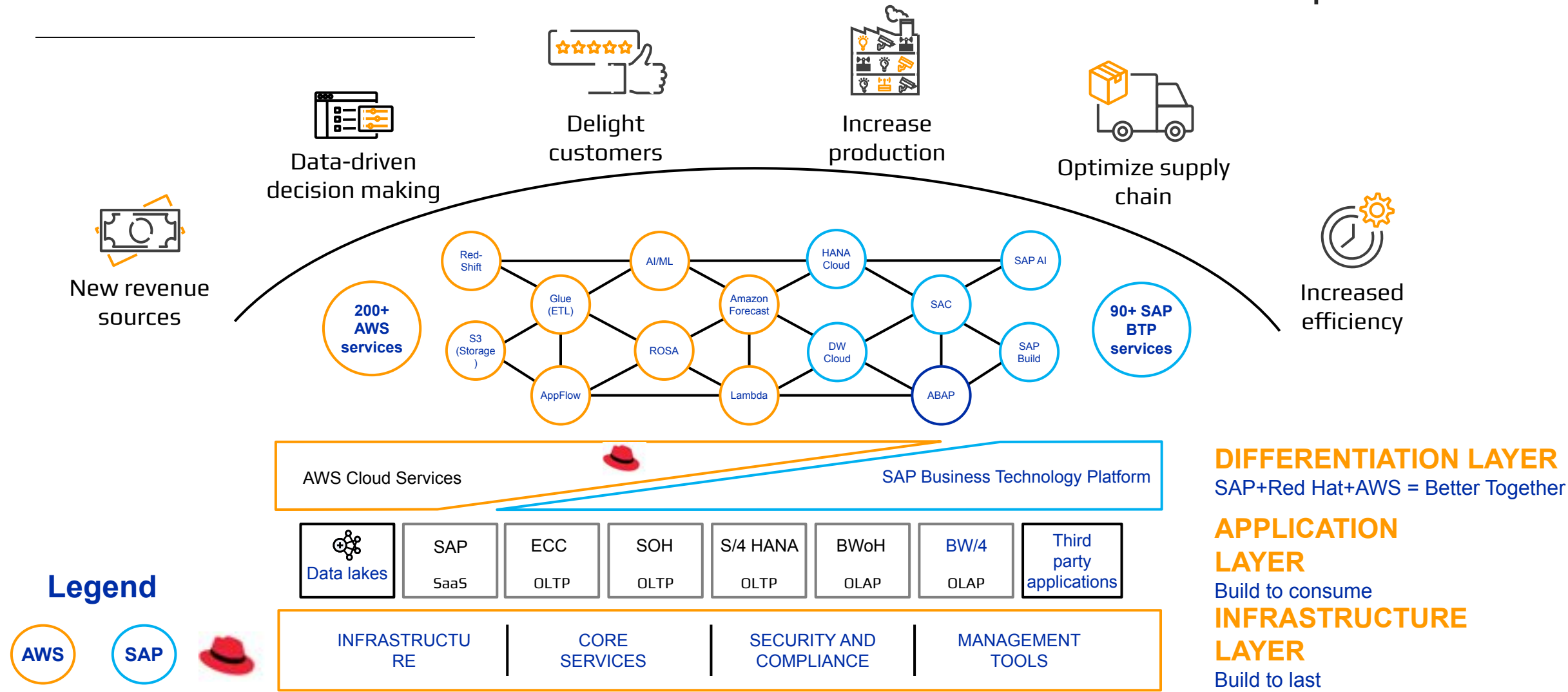
Give your team the focus and tools to accelerate the development process with familiar APIs and existing Red Hat OpenShift tools for deployment in AWS



Flexible, consumption-based pricing

Scale as per your business needs and pay as you go with flexible pricing with an on-demand hourly or annual billing model.

Clean core + SAP BTP + Red Hat + AWS = Vast Innovation Options

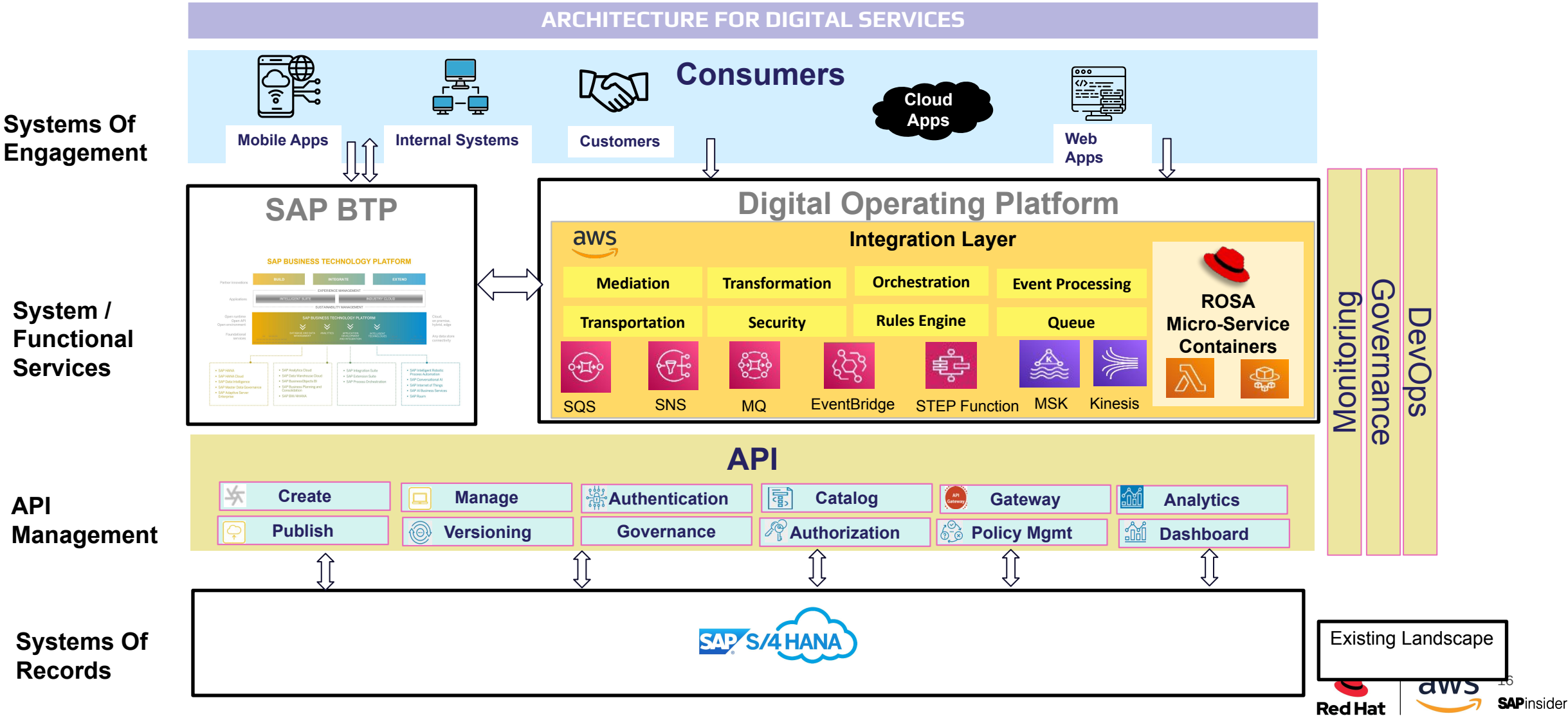


DIFFERENTIATION LAYER
SAP+Red Hat+AWS = Better Together

APPLICATION LAYER
Build to consume

INFRASTRUCTURE LAYER
Build to last

Reference Architecture for Digital Services



Wrap-Up: Key Points to Take Home

Key Points to Take Home

- Red Hat OpenShift Platform & Application Integration are complementary to SAP BTP and they jointly provides a foundation for modernization of SAP and non SAP applications.
- Red Hat & AWS offer customers a joint platform for cloud native best in breed innovation
- AWS is helping thousands of SAP customers running their mission critical workloads, many with Red Hat. Experience SAP on the world's most secure, reliable, and extensive cloud infrastructure and transform your business processes using the SAP Business Technology Platform (BTP) and 200+ services from AWS.
- Red Hat & SAP have deepened our relationships; Preferred OS, Drive Holistic IT Innovation, and Open Hybrid Cloud solutions.

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