



Red Hat

SAP & Red Hat - Intro

October 2019

RED HAT & SAP

Why does it matter?

PARTNERSHIP

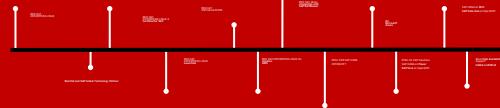


1st LINUX FOR SAP

SAP Venture Invested 1999
Accelerated Linux Success

20 YEAR PARTNERSHIP

Open-Source Base for many
SAP Solutions & Innovations



CUSTOMERS

MORE THAN
290
FORTUNE 500

MORE THAN
2,400
CORPORATIONS



E2E PLATFORM

Matching 6/7 Technical Pillars
of SAP's Intelligent Enterprise

RED HAT
INTEGRATION

RED HAT
OPENSHIFT

RED HAT
ENTERPRISE LINUX

SAP Data Hub

Red Hat

RED HAT
INSIGHTS

Integration

Cloud Native

Intelligence

Next-Gen Data

Open Platform

Security

FORTUNE 500 Customers of SAP with RED HAT

3M	AIRBUS	Alcatel-Lucent	AT&T	Avon	Bayer	Boeing	Caterpillar	AT&T						
Bechtel	BMW	Boeing	BP	Braskem	British	Caterpillar	CSL	Caterpillar						
Cisco	Cognos	Daimler	DHL	Dow	Dow	Dow	DHL							
ExxonMobil	Ford	Globe	Hewlett-Packard											
General														
Honda														
IBM														
Kodak														
Lam Research														
Merck														
Pfizer														
Procter & Gamble														
SAP														
Unilever														

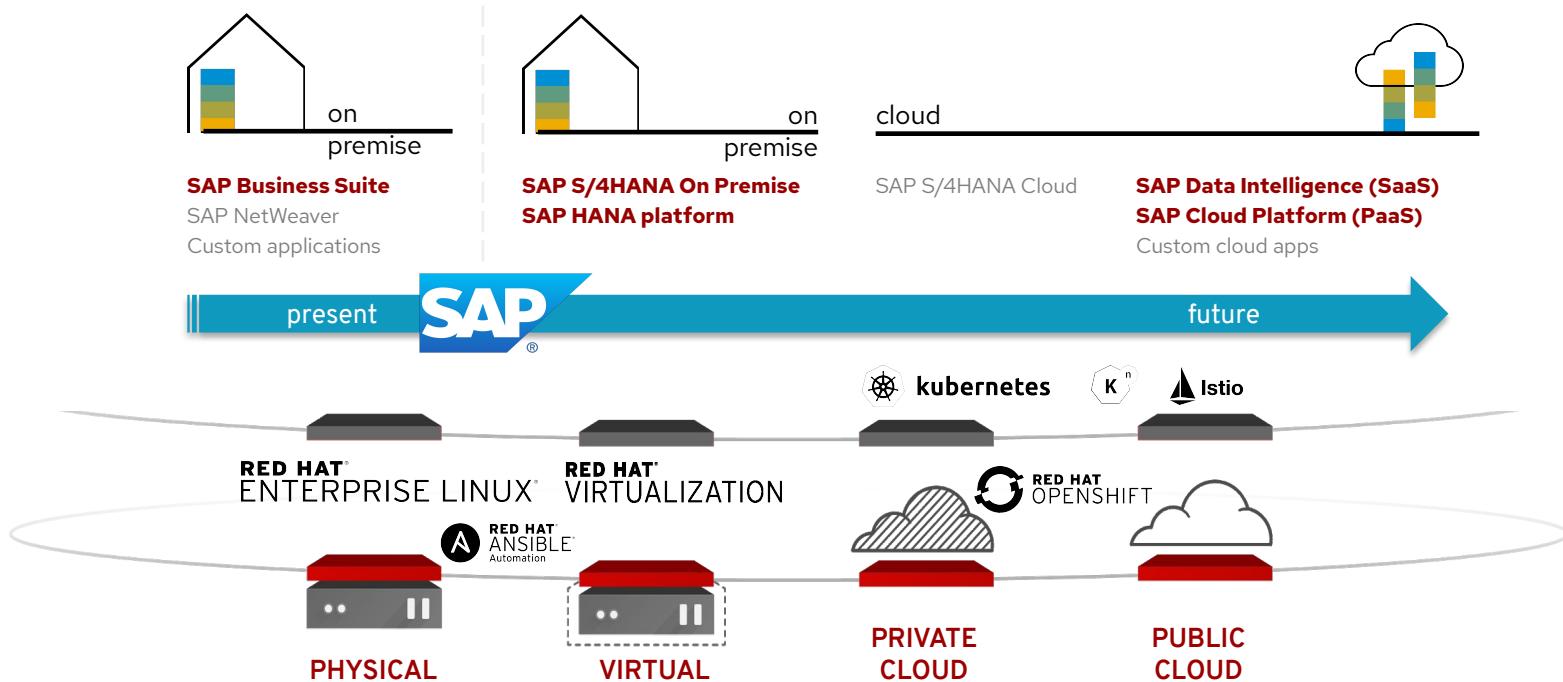
Customer Pain Points

Customers looking for a reliable and future proof foundation

- SAP customers are in need to **decide on which infrastructure platform** their future SAP business will run, e.g. which operating system to install and operate their SAP application on top. This platform must comply with, and support the corporate SLAs, e.g. business continuity and legal compliance.
- Besides the actual reference architecture, customers are also looking for **guidance and tooling on how to get from existing to future architecture**, without impacting their current SAP environment and business.

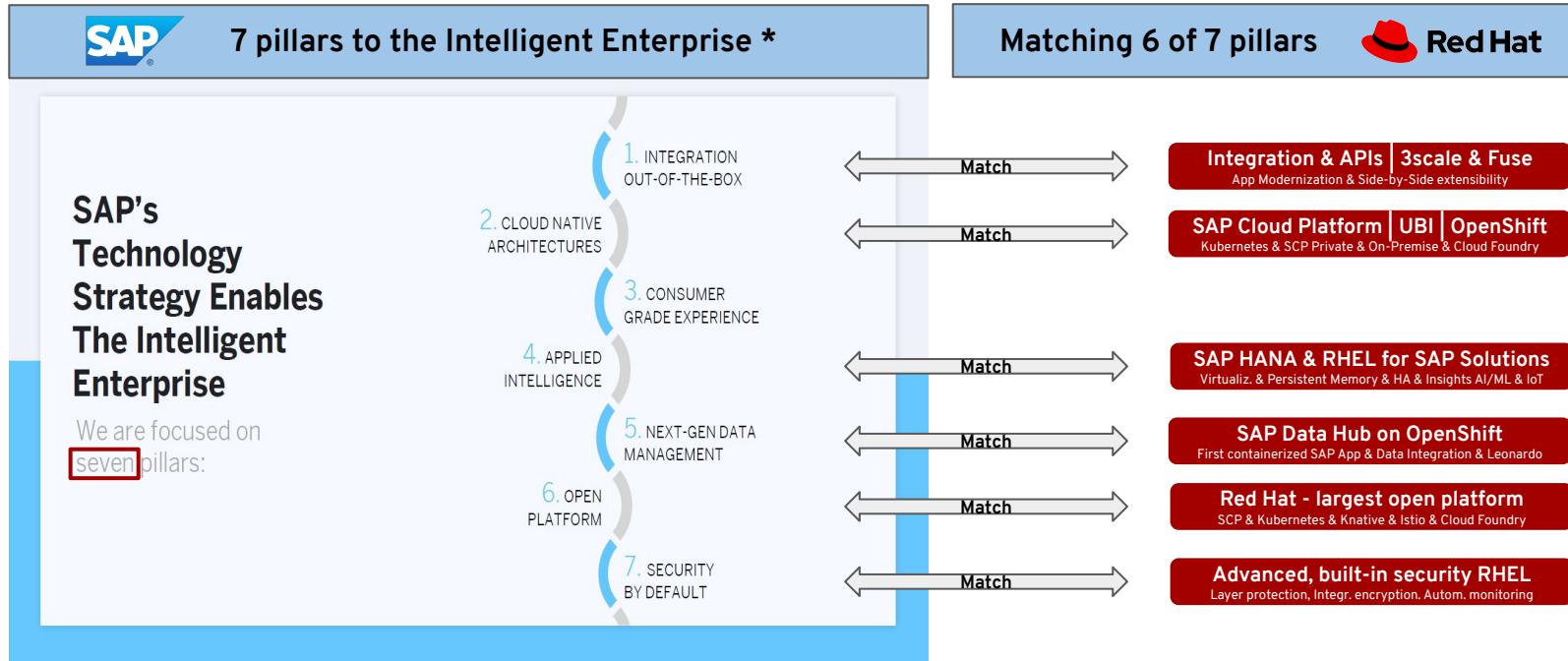
Red Hat Solutions for SAP

Where SAP and Red Hat intersect present and future architecture



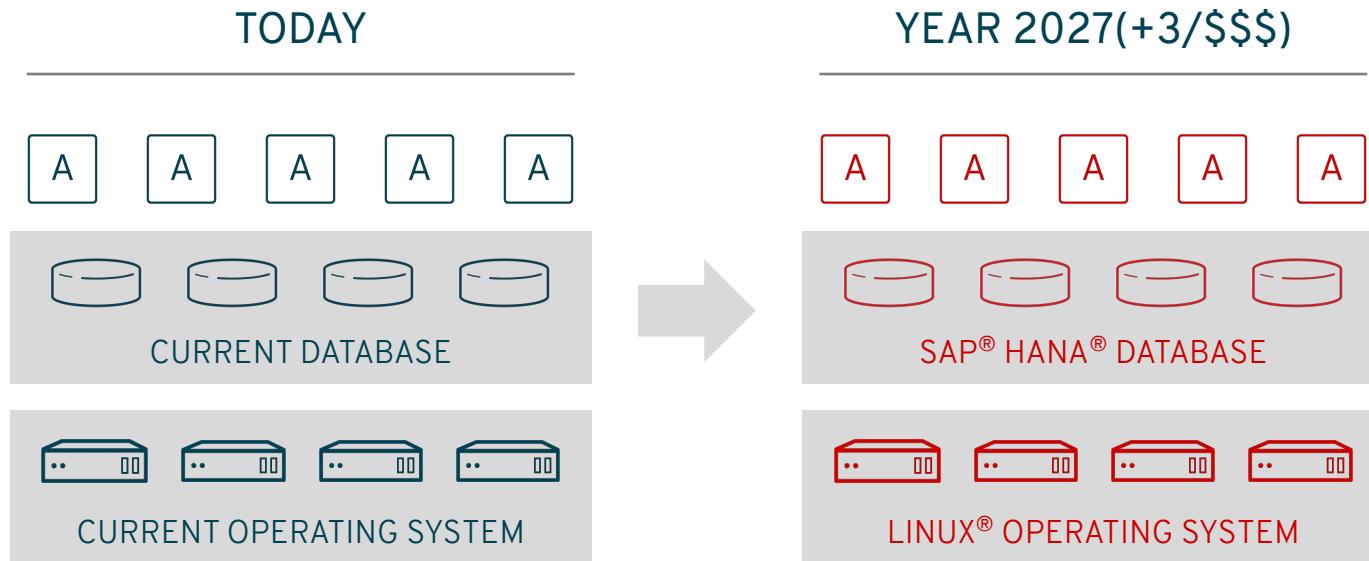
SAP STRATEGY - TECHNICAL IMPERATIVE

Deliver the Intelligent Enterprise <-> Matched by Red Hat's open source offerings



SAP Customers Face Mandatory Changes

Requiring an extensible infrastructure that spans current & future SAP deployments



Red Hat Solutions for SAP

Supporting customer during transition from current to future SAP architecture

1. Renew

Benefit from RHEL's advanced features and technologies, such as, OCP migration tool and/or Ansible Playbooks, tailored and supported for the needs of SAP deployments. Pursue a single OS strategy for both VMs and Containers.

**RED HAT®
ENTERPRISE LINUX®**

RED HAT®
INSIGHTS

RED HAT®
OPENSHIFT

RED HAT®
SATELLITE

RED HAT®
VIRTUALIZATION

RED HAT®
ANSIBLE™
Automation

2. Integrate

Connect SAP's future business applications & services with the rest of your Digital Enterprise, using SAP certified and comprehensive API management capabilities of Fuse and 3Scale.

**RED HAT® JBOSS®
FUSE**

kubernetes Istio

**RED HAT®
INTEGRATION**

3. Build

Red Hat CodeReady Workspaces offer customers a modern development environment to complement required business logic.

**RED HAT®
CODEREADY**

RED HAT®
OPENSHIFT

Deploy on leading hardware architectures

AMD64 and Intel 64

the platforms we all know well



IBM POWER

Fast, efficient, reliable throughput build on open standards delivering high performance for workloads such as SAP HANA, HPC and AI/ML



IBM System z®

Highest security with time tested dependability and performance

Red Hat Enterprise Linux for SAP Solutions

Your business relies on your SAP® environment for critical processes and data.

Choose an infrastructure platform that lets you **optimize your SAP environment** and operations while preparing you for the future. Red Hat Enterprise Linux for SAP Solutions is **tested and certified for SAP S/4HANA®** and **includes SAP-specific features and content**.



Global, collaborative,
SAP integrated support

**Faster resolution and
fewer hassles**

MORE THAN
25 years
of experience in
SAP operations

An optimized platform for SAP

Maximize the value of your SAP environment with Red Hat.

- **Reduce risk** with a standard, community-accepted foundation
- **Build an extensible infrastructure** that spans current & future SAP deployments
- **Support continuous availability** of your SAP applications
- **Boost performance** with an SAP HANA optimized platform
- **Protect your business** with advanced, built-in security

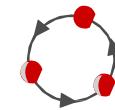


High availability
failover
orchestration



Red Hat
Insights

Predictive risk
analytics and
guidance



Up to 4 years of
minor release
updates³



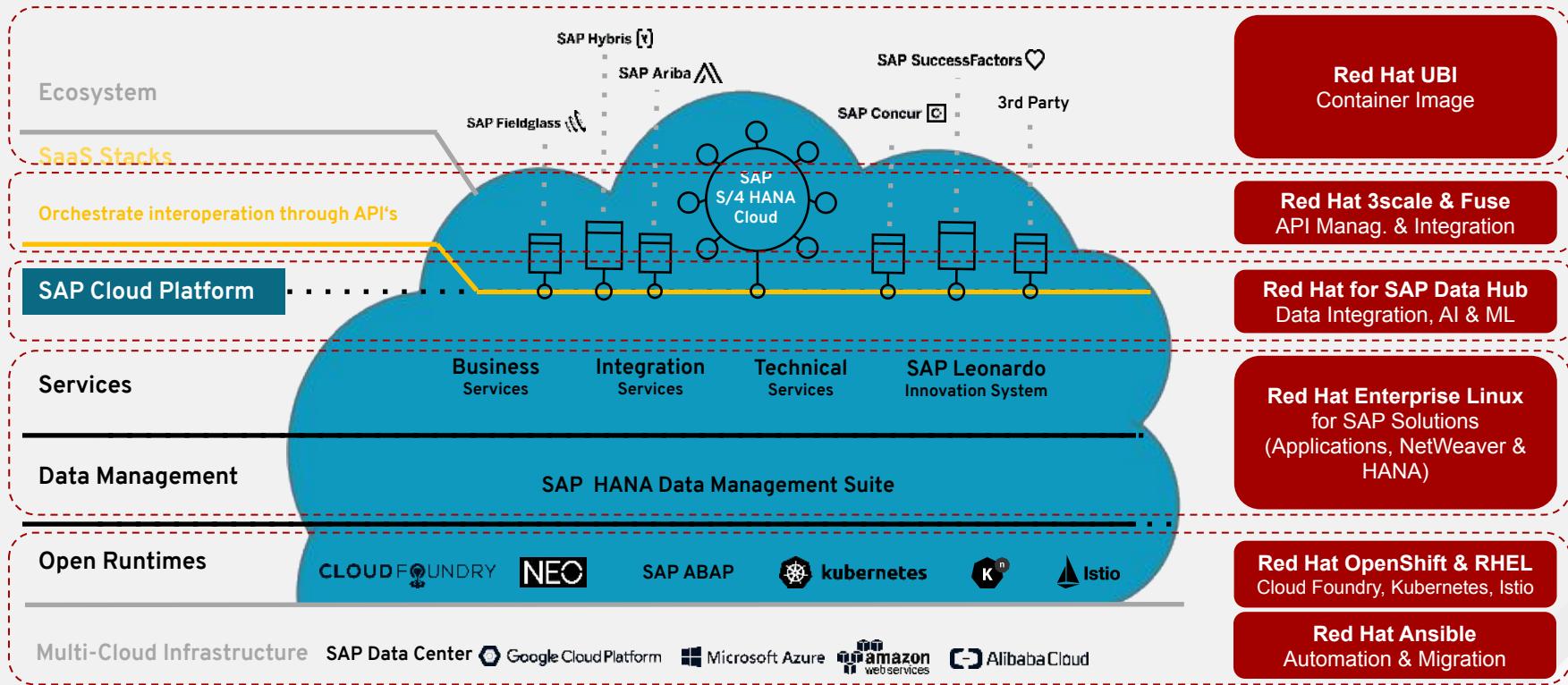
Red Hat
Satellite

Infrastructure
management
tools



SAP-specific
packages and
content

SAP's Architecture* – Why RED HAT beyond HANA!



SAP & RED HAT's Guiding Questions

Deliver the Intelligent Enterprise with Red Hat's open source offerings



Guiding Questions

For Your Organization's Intelligent Evolution

INTEGRATION OUT-OF-THE-BOX



- What are your top integration priorities and what factors are driving those priorities?
- What is your strategy to integrate master data from different vendors?
- How much effort are you spending on Integration across multiple IT systems?

CLOUD NATIVE ARCHITECTURES



- How are you thinking about or using Cloud Native Architectures?
- Who are your preferred IaaS vendors and how concerned are you about lock-in?
- What is your strategy to deploy and manage apps on hybrid landscapes?

CONSUMER GRADE EXPERIENCE



- How important are customer, partner, and employee UX to your business?
- What is the opportunity for voice/chat/digital assistants in your business?
- How likely are your LoB users to develop low-code applications, given the right tools?

SECURITY BY DEFAULT



- What are the biggest security challenges in your threat model?
- How deeply are security considerations embedded in your systems and processes?
- What is your strategy to address new privacy regulations (e.g., GDPR and other country-specific regulations)?

APPLIED INTELLIGENCE



- How will Machine Learning, Blockchain, and IoT impact your business and what are your biggest adoption challenges?
- How are you deploying and managing Machine Learning models in production?
- How do you inject real-time analytics into your business processes?

NEXT-GEN DATA MANAGEMENT



- How do you manage volume, velocity, & variety of data from different sources?
- What is your strategy to derive the maximum value from your data?
- How do you manage inconsistencies across your data landscape?

OPEN PLATFORM



- What is your roadmap for publishing and consuming open APIs?
- What role does open source software play in your technology strategy?
- Do you consume and/or contribute to open source?

SAP runs best on top of RHEL?



SAP on Red Hat
Enterprise Linux
is real
- today!

All current RHEL releases (Power & Intel) are SAP HANA supported !



RHEL HA certified / supported for SAP NetWeaver and HANA (incl. HANA scale-out) !



SAP HANA tested In-place upgrade & live kernel patching capabilities



Automated configuration of SAP environments, by means of RHEL system roles



Intel Optane DC Persistent Memory support, incl. File System DAX for SAP HANA



Proactive monitoring and remote management for SAP landscapes



SAP Netweaver Application certified for RHEL 8



SAP | RED HAT

As the **leader** in
open source technologies for the enterprise
Red Hat is *uniquely positioned*
to support all kind of current *and* future
SAP Business Applications



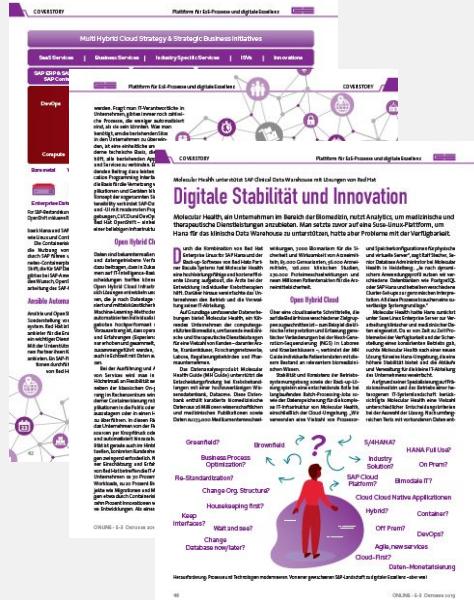
RED HAT E2E

E-3 Magazine Coverstory (Oct'19)

E-3 Magazine International (100,000 circulation) Independent SAP News & Community Magazine



Red Hat Cover Story 10/19
<https://e-3.de/2019/09/26/plattform-fuer-e2e-prozesse-und-digitale-exzellenz/>



Q&A





Red Hat

THANK YOU



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