



SAP Landscape Management Enterprise Edition

Live in Action

Solution Overview

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Public

Agenda

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Overview

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**Automated System
Provisioning**

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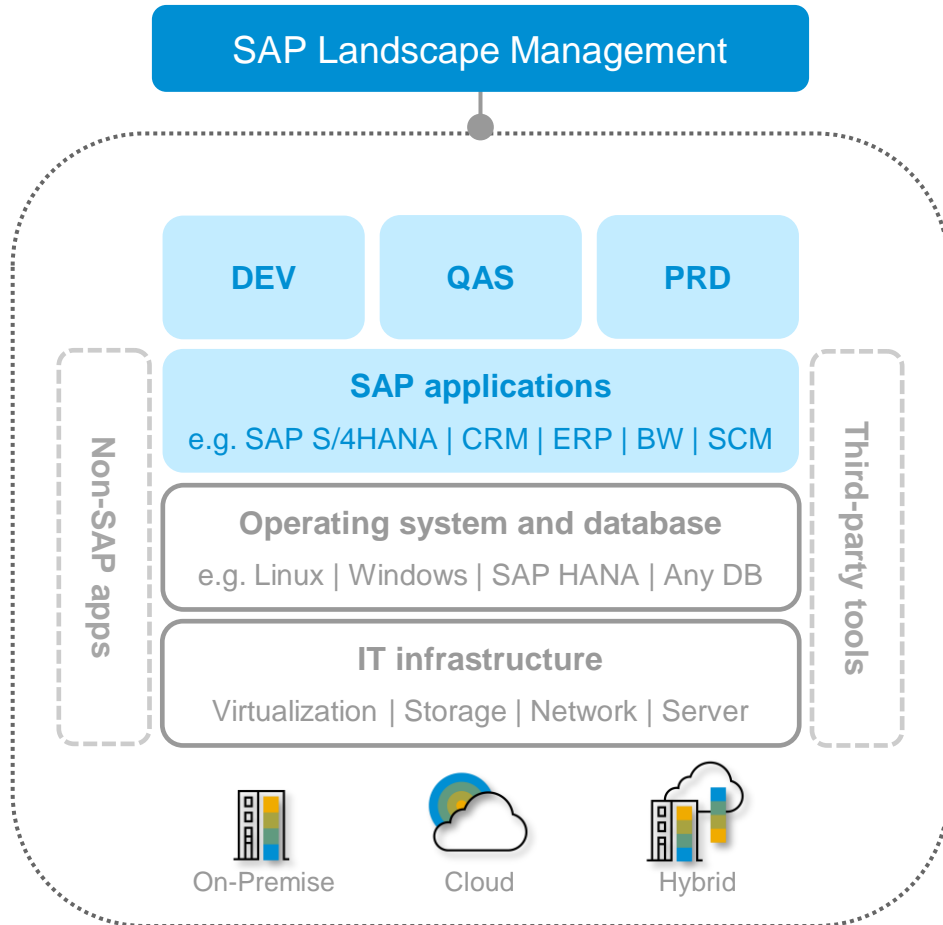
Demo



SAP Landscape Management Enterprise Edition

Key Use Cases

Automate Standardize Centralize



Automated system provisioning

Copy, refresh, clone including pre- and post-copy steps



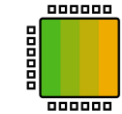
Near zero down time maintenance

nZDM for HANA and OS updates



Visualization and control

Visualization and control of system operations at various levels (e.g. start/stop, relocate etc.)



SAP HANA Management

Replication, HA/DR, MDC, HANA refresh options



Cloud Manager

Access Cloud infrastructure

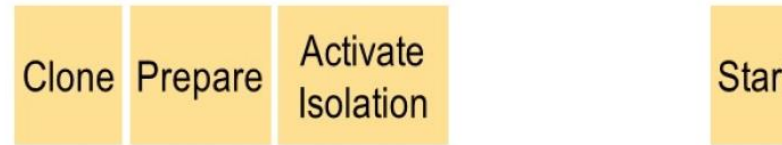


Extensibility /Integration

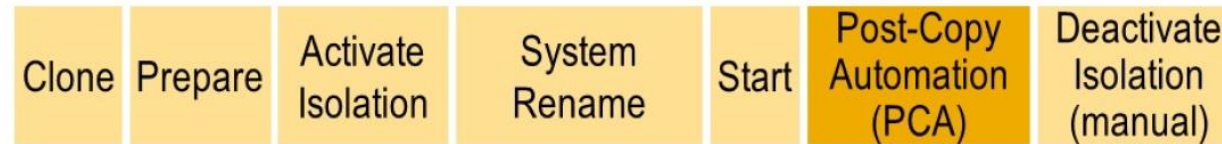
Customize to meet specific business needs

Automated System Provisioning

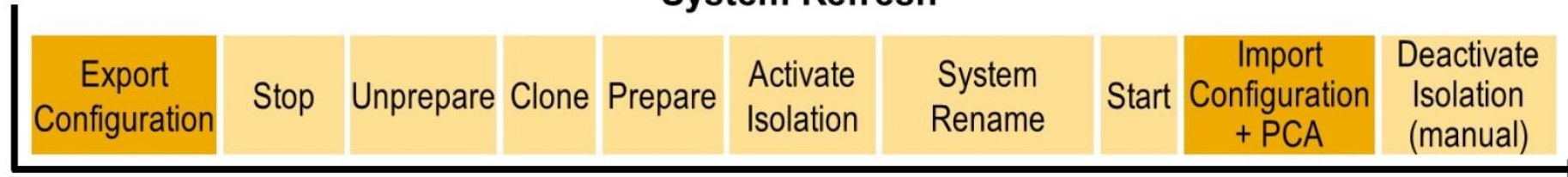
System Clone



System Copy



System Refresh



Built-in Cloning:

- Storage-based
- VM-based
- HANA (restore based or replication based)

Custom Process Cloning:

- Non-HANA DB custom clone (restore, replication etc.)

ABAP PCA - As Part of System Copy and Refresh Procedures

ABAP PCA initial copy task list automates activities required after system copy:



Clean-up:

Deletion of obsolete information copied from original system



Post-copy configuration:

Adaption of ABAP basis configuration settings



PRD

system copy



TST



Reconfigure

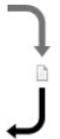


ABAP PCA refresh task list automates activities required for system refresh:



Pre-checks:

Perform checks to ensure consistency and actual use case



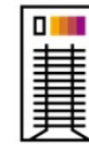
Retaining existing configuration:

Export and import of existing configuration settings to ensure they are retained after system refresh



Clean-up & post-copy configuration:

Deletion of obsolete information from original system in target system



PRD

System refresh



TST

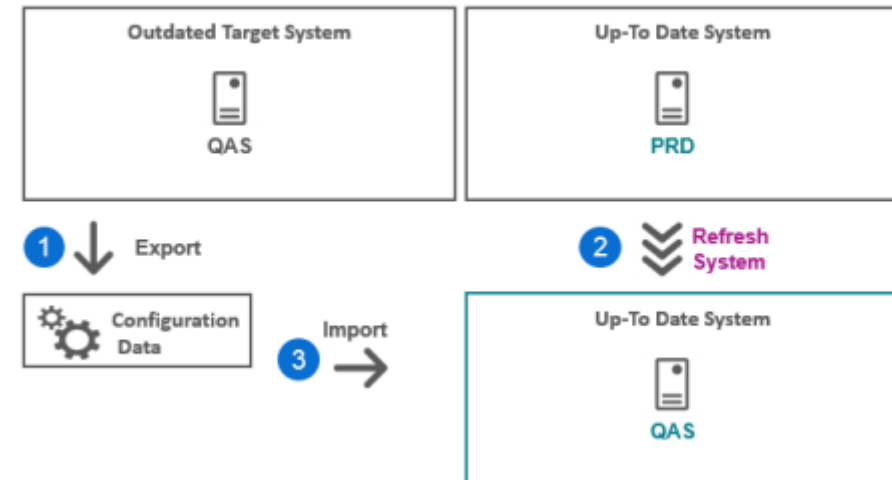
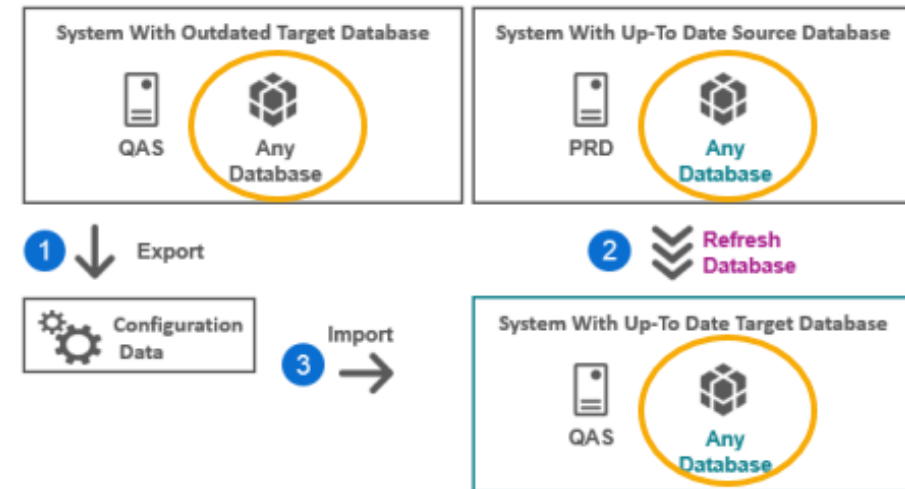
Retain



Reconfigure

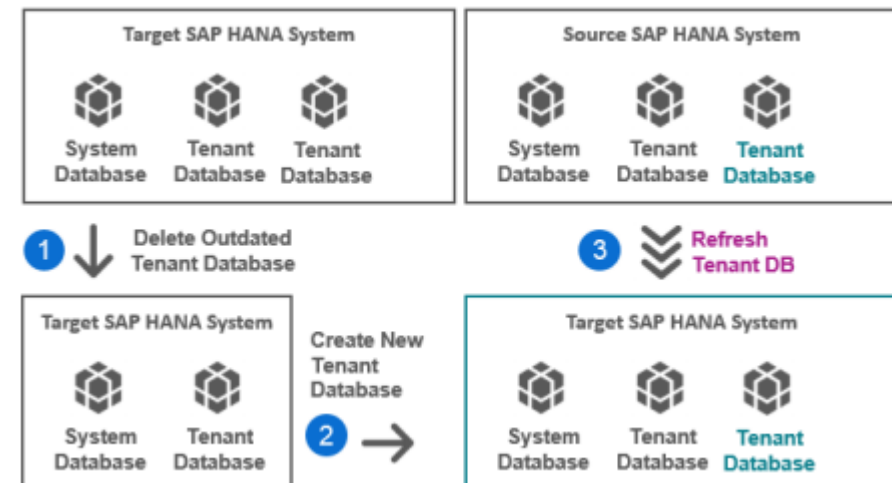
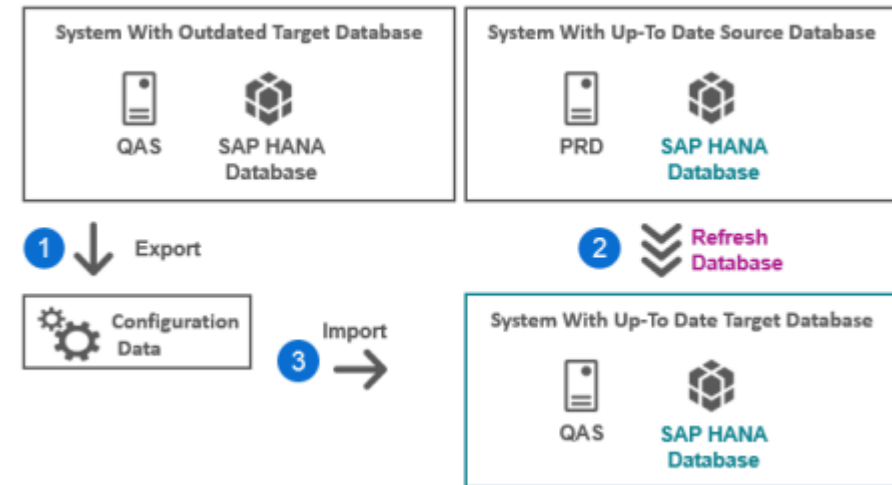
Refresh Options (Storage-Based)

- Refresh Database (storage-based)
 - Requires integration adapters
 - Cloud Adapters (AWS, Azure, GCP)
 - On-Premise Storage Adapters
- Refresh System (storage-based)
 - Requires an Adapter
 - Application Servers + **AnyDB** updated



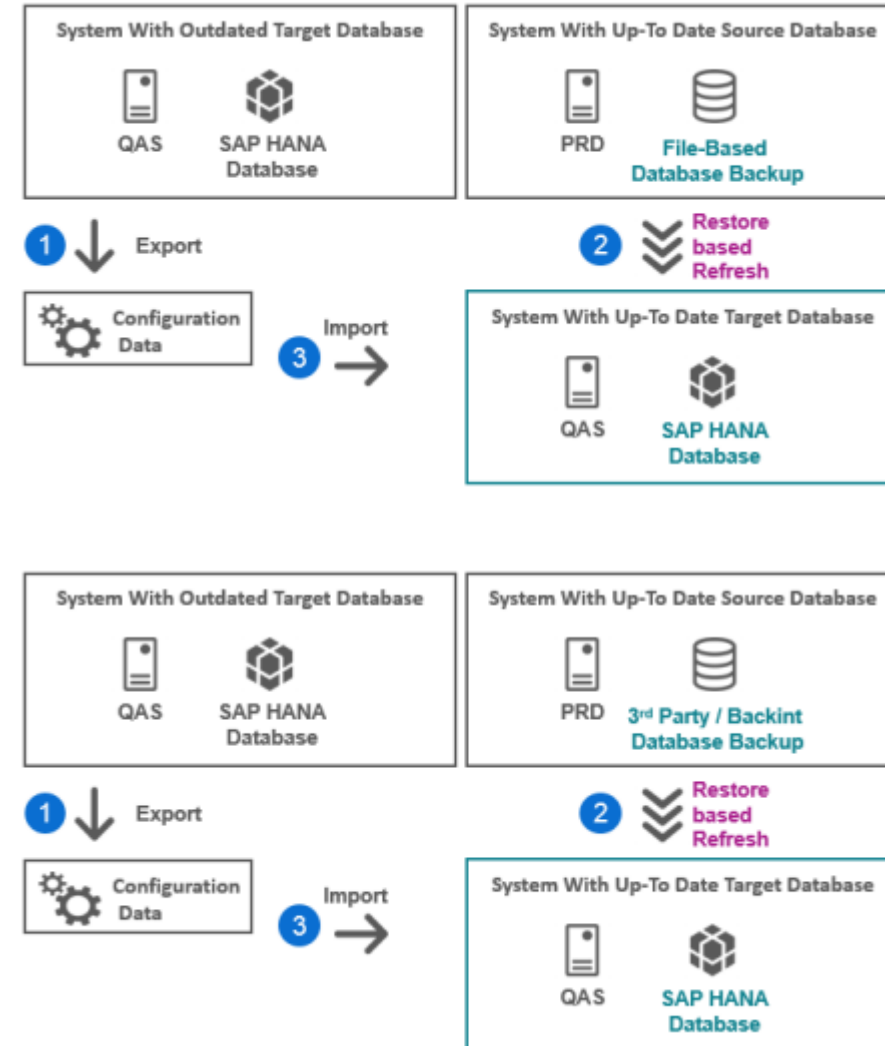
Refresh Options (HANA Replication Based)

- Refresh Database (HANA replication-based)
 - No Adapter Needed
- Refresh Tenant DB
 - No Adapter Needed



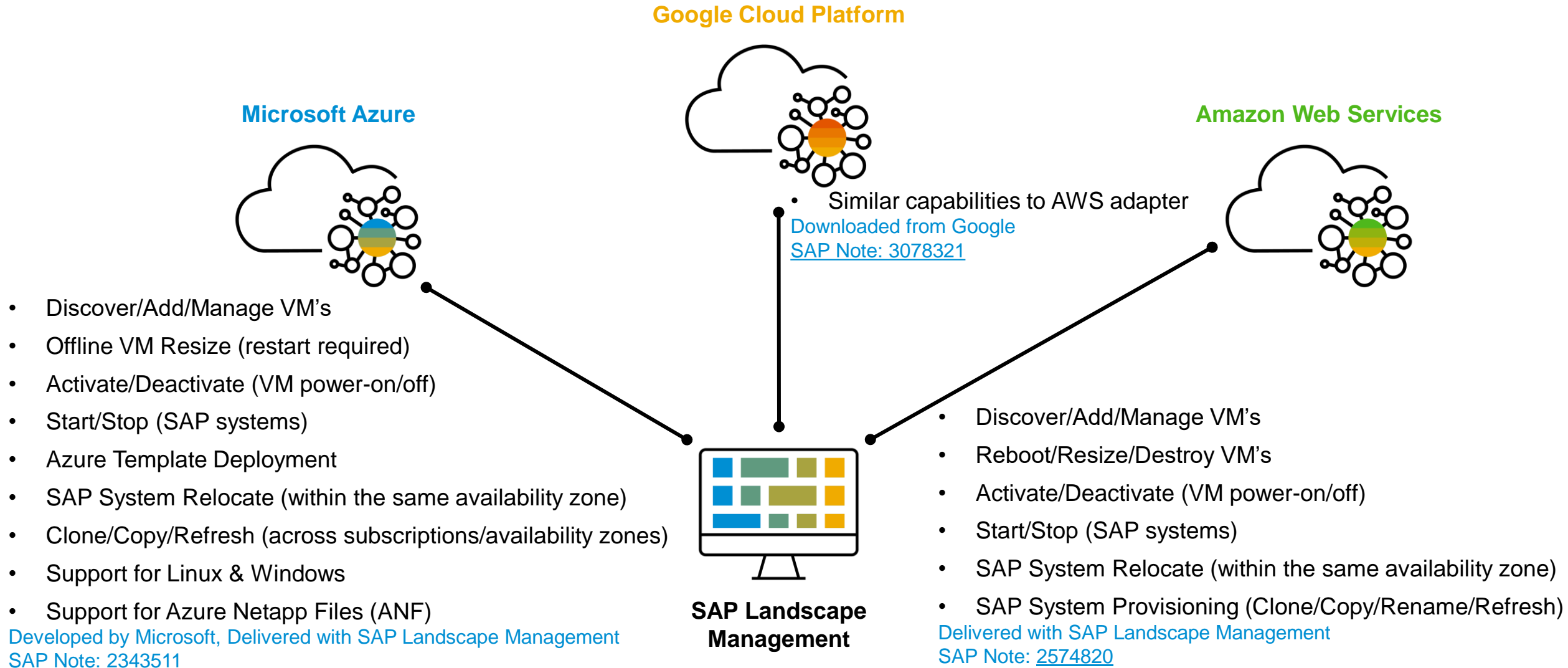
Refresh Options (Restore Based)

- Restore-based refresh (files)
 - No Adapter Needed
 - Out of box support for HANA
 - For non-HANA – Use Custom Refresh
 - Refer to blogs published on our community page for examples
- Restore-based refresh (backint)
 - No Adapter Needed



Cloud Managers:

Centrally manage your SAP landscapes deployed in the public cloud



On-premises Partner Integrations

- Virtualization
 - [IBM PowerVM](#)
 - [VMware vSphere](#)
- Storage
 - [Dell EMC](#)
 - [Huawei](#)
 - [IBM](#)
 - [NetApp](#)
- Latest info available on [partner integration community page](#)

Extensibility/Integration: Automation Studio

- Extend, customize, modify, or replace existing workflows
- Different types of extensions are offered such as the following:
 - **Custom hooks** that enhance SAP operations with its own functionality
 - **Custom process** that combine SAP and its own functionality to complex end-to-end processes
 - **Custom operations** that execute your own functionality using SAP Landscape Management
 - **Custom cloning** that is a “Bring your own replication technology” for SAP system provisioning
 - **Custom notifications** are used when you want to receive a notification, for example, receive message for failed activities

SAP Landscape Management (LaMa) 3.0

What's new with feature pack SP25 (current version)

REST APIs as provider definition

ability to create new provider definitions to execute REST API calls (LaMa would be able to call any end-point including itself)

Support for RedHat high-availability clusters with Pacemaker

integration with the RedHat Pacemaker cluster to offer “cluster-aware” management of SAP systems and avoid conflicts during operations performed via LaMa (SUSE support already present)

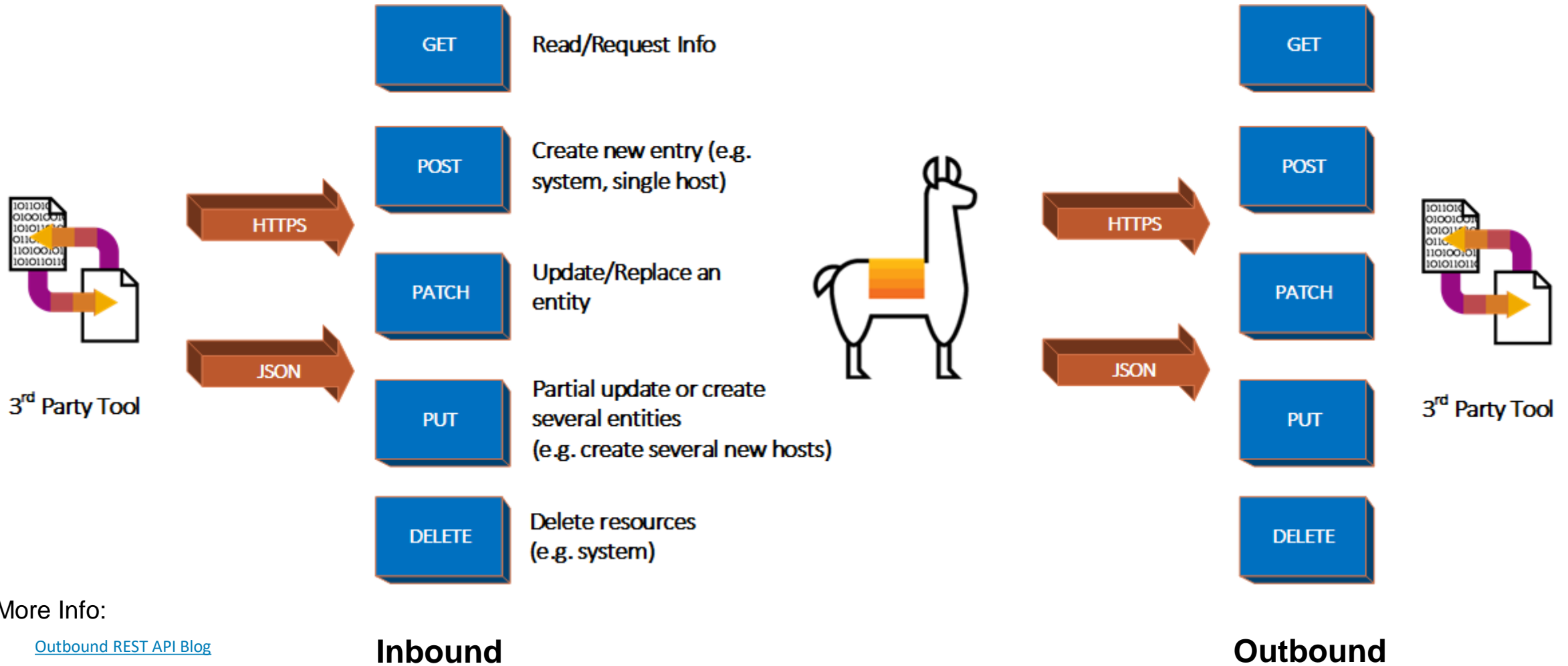
Ability to perform advanced kernel updates

in addition to performing a complete kernel-release update (available since SP17), user could now perform an update for select kernel components



[Link to Official LaMa Road Map](#)

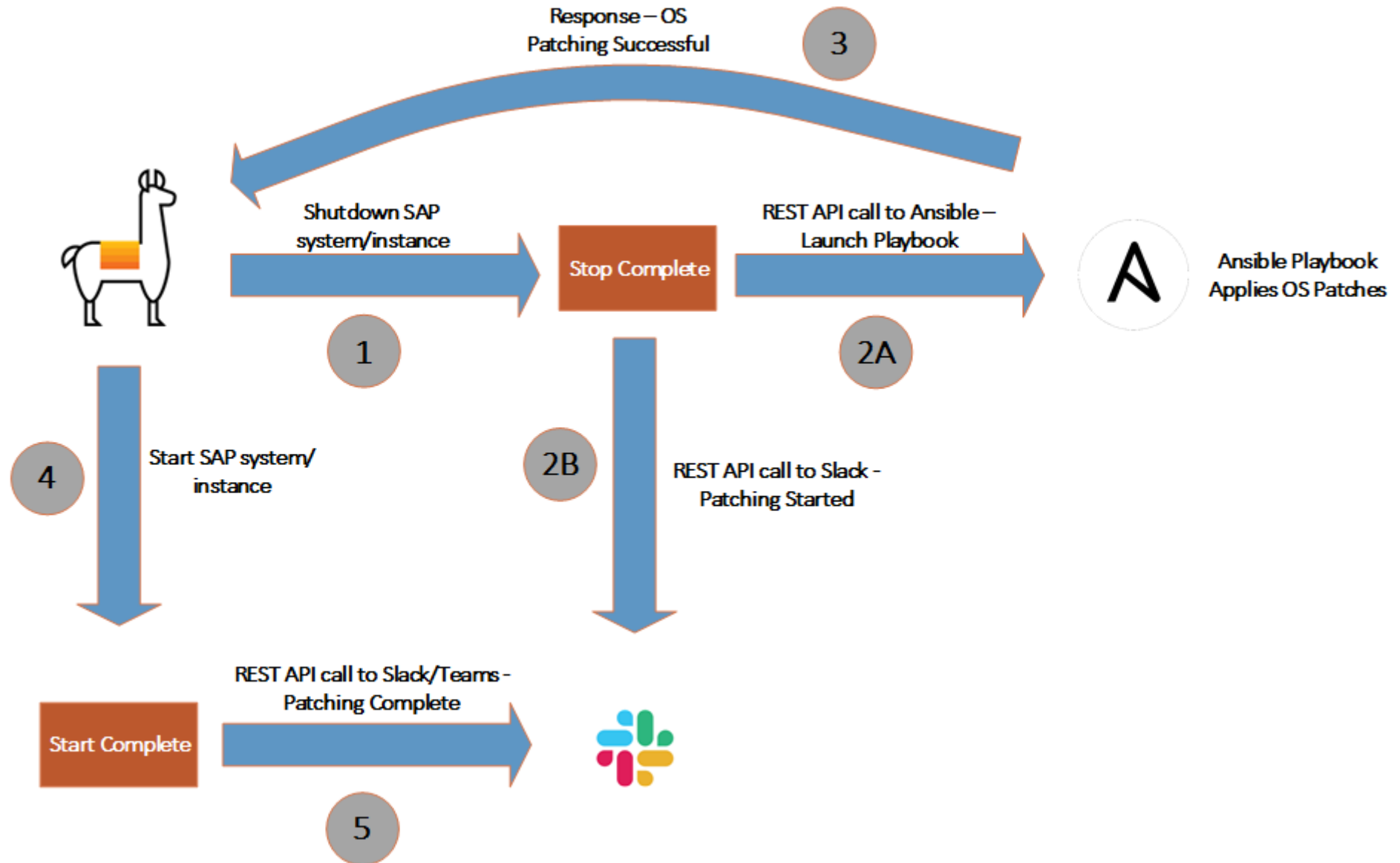
REST API (Inbound & Outbound)



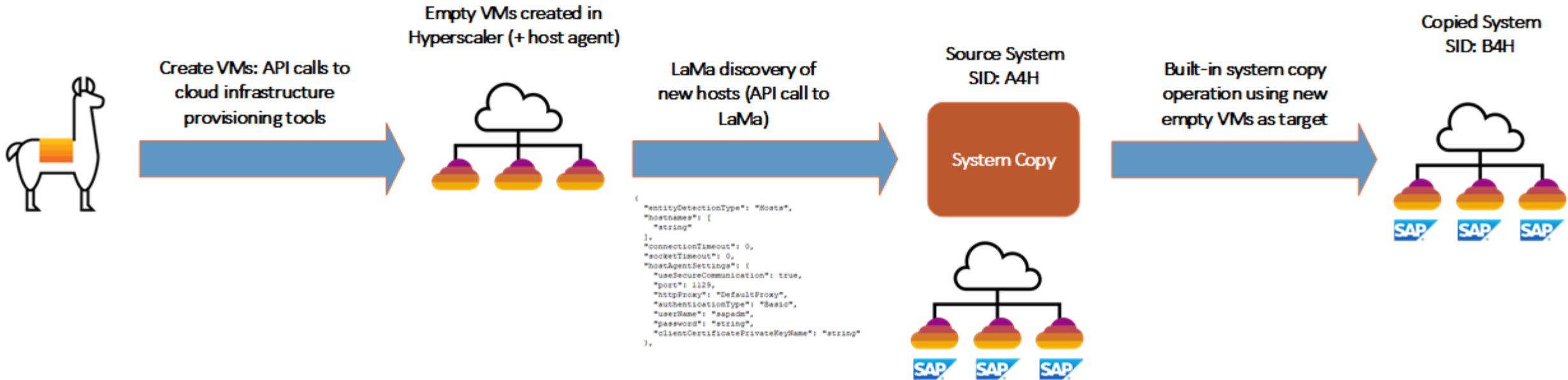
More Info:

- [Outbound REST API Blog](#)
- [Inbound REST API Blog](#)
- [SAP LaMa API Business Hub](#)

REST API Outbound – Integration with 3rd party tools (Patching)



REST API Outbound – Integration with 3rd party tools (Empty Target VMs)



Demo

SAP Landscape Management (LaMa)

Further information

Learn more

Check out our official documentation and the product page to learn more about SAP Landscape Management and get relevant details



[Learn how to
deploy and use](#)



[Check out our
product page](#)

Get engaged

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Further Reading

[Solution Brief \(LaMa Enterprise Edition\)](#)

[E-Learning Series \(LaMa Enterprise Edition\)](#)

[Product FAQs \(LaMa Enterprise Edition\)](#)

[Partner Integrations \(LaMa Enterprise Edition\)](#)

[Roadmap \(LaMa Enterprise Edition\)](#)

[Blog Series: Refresh Scenarios \(LaMa Enterprise\)](#)

[Post Copy Automation FAQ](#)

[Outbound REST API Blog](#)

[Inbound REST API Blog](#)

[Automation Studio Blogs](#)

[Cluster Manager Blog](#)

Thank you.

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