

VMware Adapter for SAP Landscape Management - Release Notes 2.1.0

VMware Adapter for SAP Landscape Management 2.1.0

You can find the most up-to-date technical documentation on the VMware website at:

<https://docs.vmware.com/>

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VMware Adapter for SAP Landscape Management 2.1.0: Release Notes

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VMware Adapter for SAP Landscape Management | 15 Sep 2021 | Build 18588247

About VMware Adapter for SAP Landscape Management

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This version of the VMware Adapter for SAP Landscape Management allows organizations using SAP Landscape Management to manage SAP workloads on virtualized environments powered by VMware vSphere, to optimize and enhance the experience.

VMware Adapter for SAP Landscape Management 2.1.0 includes new features, bug fixes and security enhancements that improve the experience for customers currently using its previous versions. This document describes new features, changes, bug fixes and known issues with this release.

VMware Adapter for SAP Landscape Management 2.1.0 works with the following VMware and SAP software

- vSphere vCenter
- vRealize Orchestrator
- SAP Landscape Manager (LaMa)

What's New

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VMware Adapter for SAP Landscape Management (VASLM) 2.0.0 introduced following new features and VASLM 2.1.0 continues to support them :

Datastore cluster support

The feature introduces a support of SDRS-enabled datastore clusters for virtualization landscape and operations in the adapter.

VAMI web interface

This is new web-based management interface to perform basic administrative tasks for the appliance configuration. This interface can run the same tasks as the appliance commands from the command line interface. This interface includes vla-server dashboard functionality.

Network migration

This feature provides the dialog in the SAP LaMa which is used to assign networks to network adapters and allows to migrate virtual machines between networks (disabled by default). The feature introduces a support of NSX-V switches for operations in the adapter as extension of already supported VMware Standard Switch (vSS) and VMware Distributed Switch (vDS) which are also supported by this feature.

vCenter to vCenter migration

The feature allows to migrate virtual machines between non-linked vCenters via LaMa web interface (disabled by default).

VMware Adapter for SAP Landscape Management (VASLM) 2.1.0 includes the following new features:

Support for LaMa 3 SP20 PO

VASLM 2.1.0 has added support for SAP LaMa 3 SP20 PO and continues to support previously tested versions.

Version and security updates to JRE, Tomcat and Photon OS

VASLM 2.1.0 uses JRE version 11.0.11, Tomcat version 8.5.68 and the latest version of Photon OS 3.0 available on the release date.

Support for NSX-T

VASLM 2.1.0 now supports or provisions SAP systems, which are deployed on NSX-T 3.x network.

Support for New OS Versions

VASLM 2.1.0 now supports latest OS versions of SUSE 15x and RHEL 8x.

Existing limitations

Note SAP LaMa blueprints created in the version prior to 2.0 will be incompatible if at least one of the new features such as Datastore cluster support or Network Migration is turned on. SAP LaMa blueprints created in the version 2.0 will be incompatible if the configuration is changed.

Table 3-1. Existing limitations

Feature	Limitations
Datastore cluster support	<ul style="list-style-type: none"> ■ Only SDRS-enabled datastore cluster are supported ■ Empty datastore clusters are prohibited for operations ■ Creation of linked VM is allowed within the same datastore cluster only
VAMI web interface	<ul style="list-style-type: none"> ■ The vla-server dashboard does not work in case of using LDAP (ACTIVE_DIRECTORY) authentication for vla-server
Network migration	<ul style="list-style-type: none"> ■ Not backward compatible with LaMa blueprints which are made for with different VLA configuration or for old versions of VLA which didn't support network migration
vCenter to vCenter migration	<ul style="list-style-type: none"> ■ vCenter to vCenter Migration is only available for powered off virtual machines ■ Migration of encrypted virtual machines is not supported ■ Migration of a linked clone virtual machine will cause the linked clone to inflate to a full cloned, no longer linked virtual machine

Supported platforms for the VASLM

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Supported VMware vSphere Platforms

VASLM 2.1.0 has been tested and is supported with the following VMware vSphere versions.

The VMware Adapter for SAP Landscape Management (VASLM) works best with vSphere Enterprise Plus licence, and some features might be not available or not work for lesser licenses of the vSphere.

Table 4-1. vSphere platforms supported by VMware with VASLM 2.1.0

	VMware ESXi Version	VMware vCenter Server Version	VMware vRealize Orchestrator Version
Recommended version	ESXi 6.7	vCenter Server 6.7	vRO 7.6
Minimum version	ESXi 6.5	vCenter Server 6.5	vRO 7.3
Latest supported version	ESXi 7.0	vCenter Server 7.0	vRO 8.4

Supported and tested SAP Platforms

VASLM requires SAP LaMa Enterprise, provisioning operations are not available for SAP LaMa Standard. More details can be found in [SAP Landscape Management FAQ](#).

Table 4-2. SAP platforms supported and tested by VMware with VASLM 2.1.0 and SAP LaMa SP20 PO

	Supported	Tested
SLES 15 + NW 7.5 + ORA 19	Yes	Yes
Windows 2016 + NW 7.5 + MS SQL 2016	Yes	Yes
SLES 12 SP3 + HANA 2.0 (Standalone)	Yes	Yes
SLES 12 SP3 + NW 7.5 + HANA SP12	Yes	Yes
SLES 15.0 + HANA 2.0	Yes	Yes
RHEL 7x and 8x	Yes	Yes

Known Issues

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Workflow utilizing VM power states may hang or time out

In rare cases, VMware Adapter for SAP Landscape Management workflows utilizing VM power states may hang or time out. The issue may be caused by vRealize Orchestrator vCenter plugin that failed to update the state change properly causing workflow time out. Please update vRealize Orchestrator vCenter plugin to version 6.5.0.10376265 or higher. (<https://kb.vmware.com/s/article/59459>)

Provisioning operation fails on step Software Provisioning Manager on LaMa 3 SP11

This issue appears in LaMa 3 SP11 with NetWeaver version lower than NW SP14 P6. Please update NetWeaver to SP14 P6 or higher.

Role management has some restrictions since vRealize Orchestrator 7.6

See how to enable group-based permissions in the [VMware vRealize Orchestrator 7.6 Release Notes](#) and [VMware vRealize Orchestrator 8.0 Release Notes](#).

The migration of a virtual machine without network adapters cause an error in the new LaMa UI

The possible workaround is to use the old (deprecated) LaMa web interface.

Workflows created and edited in the new HTML-5 based vRealize Orchestrator Client are not compatible with the Java-based Orchestrator Legacy Client

Workflows created and edited in the HTML-5 client are not compatible with older vRealize Orchestrator versions since vRealize Orchestrator 7.6. For additional information read [VMware vRealize Orchestrator 7.6 Release Notes](#) and [official vRealize Orchestrator documentation](#).

LDAP authentication is not working for vla-server dashboard

VAMI UI doesn't provide support for LDAP authentication configuration for vla-server. But it still can be configured manually on the VLA via `v1a_user` script

Linked clone operation does not work in the new LAMA UI

Dialog input data, which is passed to the adapter, does not correspond to the actual user input when system clone is launched in new LaMa UI. The possible workaround is to use the old (deprecated) LaMa web interface.

VAMI authentication fails after deployment

VAMI user's password may be corrupted during first boot of the VLA. The workaround is to change VAMI user's password manually via CLI by using `vla_user` script.

VAMI does not work after VLA upgrade

Please contact customer support by the following email bcaa_support@vmware.com to resolve this issue.

VAMI UI reboot button does not work

The workaround is to run reboot operation via CLI by using `sys_reboot` script.

NTP synchronization setup fails if NTP server hostname is used

NTP servers can be added only by IP address. If NTP server is added by a hostname and it is the one entry, appliance will switch to VMTOOLS synchronization mechanism.

VAMI UI does not work in some versions of Safari

VAMI UI does not work in some versions of Safari. As a workaround, use Google Chrome or Mozilla Firefox to connect to VAMI UI.

VLA upgrade is not supported

VLA upgrade from 2.0.1 to 2.1.0 is not supported due to difference in JRE version, please contact product support for a workaround.

Resolved Issues

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VMware Adapter for SAP Landscape Management 2.1.0 includes fixes for the following known issues:

Support for new OS versions

VLA 2.1.0 now supports latest OS versions of SUSE 15x and RHEL 8x.

VAMI dashboard

Earlier time zone's were hardcoded which resulted in error during change of timezone in VLA appliance. Now we can set the time zone in VAMI dashboard appropriately.

vCenter availability status

Corrected the availability status of vCenter in VAMI dashboard. In previous version VAMI dashboard was unable to fetch accurate status of vCenter during offline state.

Network migration dialog

Network dialog was suppressed for the migration operation. This dialog can be enabled if needed.

Contact and feedback information



To contact the VMware Adapter for SAP Landscape Management product support direct an E-MAIL with the support case to bcaa_support@vmware.com

Feedback is welcome on vla_feedback@vmware.com

For more information see the [VMware Adapter for SAP Landscape Management product documentation](#)