

Quest®



KACE® Systems Deployment Appliance 9.3

## Release Notes



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# Quest® KACE® Systems Deployment Appliance 9.3 Release Notes

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This release notes document provides information about the Quest KACE Systems Deployment Appliance version 9.3.

## About this release

The KACE Systems Deployment Appliance provides a network-centric solution for capturing and deploying images. The KACE Systems Deployment Appliance provides a seamless cross-platform imaging solution from a single Administrator Console enabling you to provision Microsoft® Windows®, as well as Red Hat, CentOS and Ubuntu Linux platforms. You can deploy the configuration files, user states, and applications as an image to a single device or to multiple devices simultaneously.

The appliance provides the tools necessary to automate deployments in both homogeneous and heterogeneous hardware environments, and provides reliability of large-scale image deployments with multicast and task engine capabilities. The built-in driver feed allows for downloads of Dell, HP, and Lenovo drivers for business class model machines, while drivers from other manufacturers can be added manually with ease. You can also integrate the KACE Systems Deployment Appliance with the KACE Systems Management Appliance to image devices in the KACE Systems Management Appliance inventory. The KACE Systems Deployment Appliance is available as a virtual appliance.

The KACE Systems Deployment Appliance version 9.3 is a minor release of the product which offers new features, enhancements, and resolved issues.

## New features and enhancements

The following new features and enhancements are included in this release:

**Table 1. New features and enhancements**

<b>Feature</b>	<b>Issue ID</b>
Media Manager recognizes new builds of ADK.	ESMEA-6572
Built in tasks that contained VB Scripts were converted to Powershell.	ESMEA-6527
Rsync logs should have timestamps attached.	ESMEA-6497
A warning appears when changing Hostname in Network Settings of the SDA WebUI.	ESMEA-6472
Added 2fa, MaxMind information, and PXE background to the SDA Status Overview Report.	ESMEA-6370
Added Driver Feed Debug link on KBE Recovery page.	ESMEA-6259
SMA Agent templates are updated with latest commands.	ESMEA-6251

Feature	Issue ID
Added Deployment title to Task Engine page.	ESMEA-5481

## Resolved issues

The following is a list of issues resolved in this release.

**Table 2. Resolved Issues**

Resolved issue	Issue ID
IP Address of startnet.cmd will not be updated when changing the samba share password.	K2-7870
Offline deployments copy the appropriate unattend file.	K2-7852
Suppress the email sent to root by Cron Daemon.	K2-7850
More than 100 nodes can now be viewed under manual and automated deployments.	K2-7841
Ampersand can be used in Deployment names.	K2-7839
KImagePrep removes itself properly.	K2-7828
Driver Feed updates are based on any change from the manufacturer, not just the version.	K2-7793
Directories created in drivers_postinstall using FileSystem Manager can now be deleted via Filesystem Manager within 5 minutes.	K2-7768
'Remove license key' button removed as it was unnecessary.	K2-7763
An imported task that has the same name as a built-in SDA task will be renamed.	K2-7475

## Known issues

The following is a list of issues, including those attributed to third-party products, known to exist at the time of release.

**Table 3. General known issues**

Known issue	Issue ID
Test LDAP settings is not successful on 'Authentication Settings' page.	K2-7853
Centos 8 Deployments fail when repository cache is enabled.	K2-7517
Filter tasks is skewed when browser size is decreased.	K2-7435
iPXE Error - 'no configuration methods succeeded' when portfast is disabled.	K2-7271

Known issue	Issue ID
Certain task types cause screens to appear in front of deployment page.	K2-7158
After importing an MI created with 'All' Operating System checkbox selected on SMA, the Runtime Environment is displayed as Windows on SDA server.	K2-7000
JA user profile is not listed in Available Profile List.	K2-6492
Detail View should highlight selected row in data table for progress/audit log device details.	K2-5115

## System requirements

The minimum version required for installing version 9.3 is the version 9.2.106 (v9.2). If your appliance is running an earlier version, update to the listed version before installing this major release and restart the appliance after the update is installed. To check the version number of your appliance, log in to the KACE Systems Deployment Appliance Administrator Console, open the *Need Help* pane on the right, then click the About Appliance icon.

Before upgrading to or installing version 9.3, make sure that your system meets the minimum requirements. These requirements are available in the KACE Systems Deployment Appliance technical specifications: <http://support.quest.com/technical-documents/kace-systems-deployment-appliance/9.3-common-documents/technical-specifications-for-virtual-appliances/>.

### End of support for Dell 12G physical servers

11th and 12th Generation Dell PowerEdge (R610/R410/R420) servers are no longer supported. Any attempts to upgrade the appliance using this hardware result in failure. Contact your KACE Sales Representative to plan for a migration to a virtual platform.

## Product licensing

If you currently have a KACE Systems Deployment Appliance product license, no additional license is required.

If you are using the KACE Systems Deployment Appliance for the first time, see the appliance setup documentation for product licensing details. Go to [More resources](#) to access the appropriate guide.

- i** **NOTE:** Product licenses for version 9.3 can be used only on a KACE Systems Deployment Appliance version 9.3 or later. Version 9.3 licenses cannot be used on appliances running earlier versions of the KACE Systems Deployment Appliance, such as 8.2.
- i** **NOTE:** Prior to upgrading, check the *SDA Status Overview Report* and verify that the current maintenance status is valid and not expired. You can find the report under **Audit Log > Reports**.

## Installation instructions

You can update the appliance using an advertised update or by manually uploading an update file.

# Prepare for the update

Before you update the KACE Systems Deployment Appliance, verify that your appliance meets the following requirements:

- **Current version:** The minimum version required for installing the KACE Systems Deployment Appliance 9.3 is the latest 9.2.106 (v9.2). To check the version number of your appliance, log in to the KACE Systems Deployment Appliance, then click the About Appliance icon. If your appliance is running an earlier version, you must update to the listed version before proceeding with the 9.3 installation.
- **Disk space:** The KACE Systems Deployment Appliance must have more than 20 percent free disk space available.

Additional recommendations:


- **Allow plenty of time:** If you have a large database, more than 150 MB in size, the update process can take several hours.
- **Back up before you start:** Export all items on your appliance using the instructions provided in the following Knowledge Base articles:
  - # [KACE Systems Deployment Appliance Backup Best Practices](#)
  - # [How to back up a KACE Systems Deployment Appliance](#)
- **Enable SSH:** Enable SSH in the *Security Settings* section of the KACE Systems Deployment Appliance Administrator Console.
- **Reboot the KACE Systems Deployment Appliance server:** On the *Appliance Maintenance Settings* page, reboot the KACE Systems Deployment Appliance server prior to updating.

# Update the appliance using an advertised update

You can update the appliance using an update that is advertised on the appliance *Dashboard* page or on the *Appliance Maintenance* page of the Administrator Console.



**CAUTION:** Never manually reboot the appliance during an update.

1. Export all items on your KACE Systems Deployment Appliance using the instructions provided in the following Knowledge Base articles:
  - # [KACE Systems Deployment Appliance Backup Best Practices](#)
  - # [How to back up a KACE Systems Deployment Appliance](#)
2. On the left navigation bar, click **Settings** to expand the menu, then click **Appliance Maintenance**, to display the *Appliance Maintenance* page. Scroll to the bottom of the page and click **Reboot**. Click **Yes** in the *Confirmation* dialog to restart the server.
3. On the left navigation bar, click **Settings** to expand the menu, then click **Appliance Maintenance** to display the *Appliance Maintenance* page.
4. Click **Check for Server updates**.  
**The latest version of the appliance displays under Available Version.**
5. Click  to initiate the upgrade process.  
**A confirmation dialog opens.**
6. Click **Yes** to confirm.

**The upgrade process begins. The appliance reboots automatically when the upgrade is complete. The time required to update the appliance varies depending on the content present on the KACE Systems Deployment**

**Appliance, do not manually hard shut down the appliance. Also, the appliance reboots automatically (potentially several times) during the upgrade process until it is complete.**

## Upload and apply an update manually

If you have an update file from Quest KACE, you can upload that file manually to update the appliance.



**CAUTION:** Never manually reboot the appliance during an update.

1. Export all items on your KACE Systems Deployment Appliance using the instructions provided in the following Knowledge Base articles:
  - # [KACE Systems Deployment Appliance Backup Best Practices](#)
  - # [How to back up a KACE Systems Deployment Appliance](#)
2. Using your customer login credentials, log in to the Quest website at <https://support.quest.com/kace-systems-deployment-appliance/download-new-releases>, download the KACE Systems Deployment Appliance Server 9.3 Update, and save the file locally.
3. Log in to the Administrator Console.
4. On the left navigation bar, click **Settings** to expand the section, then click **Appliance Maintenance** to display the *Appliance Maintenance* page.
5. Under *KACE SDA Updates > Manual Updates*, click **Browse** to select the update file, then click **Open**.
6. Click **Update Server**.

**The time required to update the appliance varies depending on the content present on the KACE Systems Deployment Appliance, do not manually hard shut down the appliance. Also, the appliance reboots automatically (potentially several times) during the upgrade process until it is complete.**

## More resources

Additional information is available from the following:

- Online product documentation (<https://support.quest.com/technical-documents>)
  - # **Technical specifications:** Information on the minimum requirements for installing or upgrading to the latest version of the product: <http://support.quest.com/technical-documents/kace-systems-deployment-appliance/9.3-common-documents/technical-specifications-for-virtual-appliances/>
  - # **Administrator guide:** Instructions for setting up and using the appliance. Go to <http://support.quest.com/technical-documents/kace-systems-deployment-appliance/9.3-common-documents/administrator-guide/> to view documentation for the latest release.

## Globalization

This section contains information about installing and operating this product in non-English configurations, such as those needed by customers outside of North America. This section does not replace the materials about supported platforms and configurations found elsewhere in the product documentation.

This release supports any single-byte or multi-byte character set. In this release, all product components should be configured to use the same or compatible character encodings and should be installed to use the same locale and regional options.

This release is targeted to support operations in the following regions: North America, Western Europe and Latin America, Central and Eastern Europe, Far-East Asia, Japan.

The release is localized to the following languages: French, German, Japanese, Portuguese (Brazil), Spanish.

## About us

Quest creates software solutions that make the benefits of new technology real in an increasingly complex IT landscape. From database and systems management, to Active Directory and Office 365 management, and cyber security resilience, Quest helps customers solve their next IT challenge now. Around the globe, more than 130,000 companies and 95% of the Fortune 500 count on Quest to deliver proactive management and monitoring for the next enterprise initiative, find the next solution for complex Microsoft challenges and stay ahead of the next threat. Quest Software. Where next meets now. For more information, visit [www.quest.com](http://www.quest.com).

## Technical support resources

Technical support is available to Quest customers with a valid maintenance contract and customers who have trial versions. You can access the Quest Support Portal at <https://support.quest.com>.

The Support Portal provides self-help tools you can use to solve problems quickly and independently, 24 hours a day, 365 days a year. The Support Portal enables you to:

- Submit and manage a Service Request
- View Knowledge Base articles
- Sign up for product notifications
- Download software and technical documentation
- View how-to-videos
- Engage in community discussions
- Chat with support engineers online
- View services to assist you with your product.

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#### Legend



**CAUTION:** A CAUTION icon indicates potential damage to hardware or loss of data if instructions are not followed.



**IMPORTANT, NOTE, TIP, MOBILE, or VIDEO:** An information icon indicates supporting information.

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