

Quest®



# KACE® Systems Deployment Appliance 8.0

## Release Notes



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# Quest® KACE® Systems Deployment Appliance 8.0 Release Notes

This release notes document provides information about the Quest KACE Systems Deployment Appliance version 8.0.

## 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®, Apple® OS X®, 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 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 8.0 is a major release of the product which offers new features, enhancements, and resolved issues.



**NOTE:** This is the only document that is translated for this release, however the localized variants do not include information about resolve issues, enhancements, and known issues. Other guides, such as the *Administrator Guide* and in-product help are not localized at this time, and version 7.0 documents are included.

## New features and enhancements

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

Table 1. New features and enhancements

Feature	Issue ID
User Interface notification subscriptions are now available to alert you about manual processes taking place, such as deployments, driver feed, Remote Site Appliance (RSA) synchronizations, and so on.	ESMEA-5719
Email notification subscriptions are now available to alert you about scheduled processes such as deployments, RSA synchronizations, driver feed, upgrades, daily report, and so on. This feature includes external SMTP configuration.	ESMEA-5598
<i>Get/Set Computer Name</i> became the default naming rule for the appliance. Tasks such as <code>wsname</code> and <code>Collect/Apply computer name</code> tasks are removed. It is now	ESMEA-5717

Feature	Issue ID
possible to delete the legacy <i>Collect Computer Name</i> and <i>Apply Computer Name</i> tasks.	
The appliance now allows the import of Windows and Linux <code>.iso</code> files through the <code>clientdrop</code> share.	ESMEA-5716
New feature items are added to the <i>SDA Status Overview</i> report, such as Linux task group, user theme, license count data, Driver Feed Auto Update, Server Session Timeout, and Brute Force Detection.	ESMEA-5702
An option is added that allows you update installed drivers from the Driver Feed automatically.	ESMEA-5596
The License Key field on RSA is now read-only, as the key is now automatically synchronized from the KACE Systems Deployment Appliance.	ESMEA-5595
An option is added to enable or disable the KBE Advisor in the KACE Media Manager.	ESMEA-5587
Synchronized user states on are now displayed on RSA.	ESMEA-5583
User States captured on an RSA can be imported or exported.	ESMEA-4391
Improvements are added to the initial RSA configuration. It is now possible to automatically link and add an RSA to the KACE Systems Deployment Appliance.	ESMEA-5062
The appliance now allows you to create Linux task groups.	ESMEA-4975
Starting in this version, you can now duplicate task groups.	ESMEA-4463

## Resolved issues

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

Table 2. Resolved Issues

Resolved issue	Issue ID
RSA mass upgrade option did not ask for confirmation.	K2-7524
<code>Charlie Root</code> email information was moved to <i>Appliance Logs</i> .	K2-7522
The <i>Collect Computer Name</i> and <i>Apply Computer Name</i> tasks have been deprecated. They remain on an appliance if attached to a deployment, but can be deleted at any time. If not attached to a deployment the tasks are removed.	K2-7520
Source Media fingerprint did not match the Boot Environment fingerprint	K2-7500
A <code>.wim</code> file did not show up in the <code>clientdrop</code> share if the extension was in all capital letters.	K2-7498

Resolved issue	Issue ID
The <i>Dell Driver Feed Settings</i> page did not automatically refresh driver feed information after a successful update.	K2-7491
The length of the name field on numerous pages has been increased to 60 characters.	K2-7485
The name field on numerous pages was increased to 60 characters.	K2-7478
The KBE footer showed the wrong information for Boot Mode on a legacy BIOS system.	K2-7476
Media Manager did not properly remove the mapping to the drive when a KBE build failed.	K2-7464
Media Manager reported an <code>Invalid Windows directory</code> when uploading Linux.	K2-7460
Media Manager gave a wrong error when uploading to an IP that is not the KACE Systems Development Appliance.	K2-7459
It was not possible to sync an RSA even though the appliance versions matched.	K2-7458
RSA mass upgrade option did not check the RSA version prior to sending the upgrade <code>.kbin</code> file.	K2-7457
Clicking an image detail on an RSA of a synced image caused a page not found error.	K2-7455
RSA detail page was locked because the status thought it was still upgrading	K2-7452
RSA License status message said linking key instead of license key.	K2-7448
RSAs were not getting updated license keys from the appliance.	K2-7447
The password field for Linux Scripted Install Wizard was not validated.	K2-7438
Scripted Install Wizard was causing Microsoft Windows Server 2019 to fail due to an XML validation.	K2-7434
Scripted Install Source Media field was showing <i>Image Files</i> .	K2-7432
Typo appeared in the remote site detail success banner for save and sync on RSA.	K2-7430
Library widget was showing wrong count numbers for all source media.	K2-7428
The appliance was failing to mount a slice of the disk after a reboot when offboard storage was enabled.	K2-7416
Changed wording in dialog box for Media Manager when password is incorrect.	K2-7415

Resolved issue	Issue ID
Scripted installations appeared as system images on the <i>Export List</i> page.	K2-7357
RSA was not displaying the reboot page properly.	K2-7315
Appliance tasks were duplicating when a deployment was saved.	K2-7281
Driver Feed Settings page was not updating when exception file was downloaded.	K2-6094


## 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
When a task fails in the KACE Boot Environment (KBE), and you click <b>Cancel Deployment</b> , the deployment does not move to the <i>Audit Log</i> .	K2-7530
No error warning is displayed when uploading a KBE to the Remote Site Appliance (RSA).	K2-7528
Upgrading with Hyper-V does not always mount the appropriate disk partition	K2-7527
First KBE upload is not being set as the default.	K2-7519
CentOS 8 deployments fail when the repository cache is enabled.	K2-7517
Imported KBE is not set as the default if no other KBE exists on the appliance.	K2-7516
Network media is not properly translated.	K2-7515
The <code>tracert</code> troubleshooting tool is not working when invoked from the Administrator Console in some environments.	K2-7513
Imported Managed Installation can have wrong size.	K2-7497
VNC fails to show command windows on Microsoft Windows 10 PE (Pre-installation Environment) 2004, in 32- or 64-bit KBEs.	K2-7495
Automated deployment drop-down does not show deployment names when there is no boot environment set as a default.	K2-7490
When a tasks fails, the next tasks shows as being in progress.	K2-7479
It is not possible to enable SSL (secure socket layer) using an existing SSL certificate and key on the KACE Systems Deployment Appliance and RSA.	K2-7442

Known issue	Issue ID
Multi-byte locale translation is broken on a KBE.	K2-7441
RHEL (Red Hat Enterprise Linux ) and CentOS 7 manual deployment ends in dracut.	K2-7439
DeployUserStates.vbs fails in a custom deployment.	K2-7437
The filter tasks box is skewed when browser size is decreased.	K2-7435
UEFI ISO KBE forces the user to press a key to boot from it.	K2-7380
An appliance iPXE error is reported: no configuration methods succeeded.	K2-7271
Custom Deployment does not display User States for deployment.	K2-7266
<i>Remote Site Detail</i> page takes a long time to timeout if RSA is unavailable.	K2-7246
The appliance USMT should use SID (security identifier) instead of the user name to avoid unexpected results while scanstate runs.	K2-7244
Certain task types cause screens to appear in front of the KBE page.	K2-7158
Klonewin stops responding due to network instability issue during file copying phase.	K2-7124
After importing an MI created with <b>All</b> Operating System checkbox selected on the KACE System Management Appliance (SMA), the Runtime Environment is displayed as Windows on the KACE SDA server.	K2-7000
When importing same packages, duplicate entries are created on the appliance.	K2-6964
Online USMT Scan and Offboard Package Transfer fails if SMB v.1 is disabled on the target. <b>Workaround:</b> Use the USMT Advisor tool, downloadable from the Support Portal or Library Overview page. This tool helps with common issues encountered during this process.	K2-6775
VMware virtual machines with multiple vCPUs (virtual central processing units) cannot PXE-boot to a legacy iPXE. For more information, read the following KB article: <a href="https://support.quest.com/kace-systems-deployment-appliance/kb/232911">https://support.quest.com/kace-systems-deployment-appliance/kb/232911</a>	K2-6769
Building a USB key for a system image does not update status message.	K2-6742
Incomplete logs are created for deployment of MAC K-Images/ASR Images.	K2-6669
After clicking <b>New boot action</b> for a Mac OS NetBoot on the <i>Boot Environment Detail</i> page, on the <i>Automated Detail</i> page that appears, the <i>Deployment</i> field is not set, as expected.	K2-6665

Known issue	Issue ID
Some models freeze during the initializing device stage and do not display the KBE menu during an UEFI PXE boot.	K2-6552
A Mac OS client device is unable to boot in NetBoot from an RSA, when the RSA is on offboard data store.	K2-6502
The path for drivers in the Driver Feed are not always unique which causes problems for Driver Feed widgets.	K2-6495
Japanese user profile is not listed in Available Profile List.	K2-6492
<p>The NetBoot login screen is displayed on the client machine when deploying a Mac OS X 10.11, ASR (Apple Software Restore)/K-Image, and the boot action is set.</p> <p><b>Workaround:</b> It is recommended for users to wait until the NetBoot environment has completed the pre-processing steps for Mac OS X 10.11, which occur when the login screen displays the password box and the KACE SDA IP at the bottom of the screen. Also, the deployment progress can be observed in the KACE SDA Administrator Console.</p> <p>If a login is attempted before these processes are complete, the KACE SDA imaging utility is not shown on dock and the user will need to reboot into the NetBoot environment.</p>	K2-6479
Imaging to Serial Attached SCSI (SAS) drives is extremely slow, five hours or longer.	K2-6476
<p>Imported ASR image deployments fail if no ASR images were captured from the KACE SDA.</p> <p> <b>NOTE:</b> The appliance creates the ImageStore directory for ASR images captured from the appliance.</p> <p><b>Workaround:</b> Create the <b>ImageStore</b> folder in the <b>petemp</b> directory.</p>	K2-5758
The <i>System Image Detail</i> page does not remain locked until the USB creation process is complete.	K2-5586
The <i>Date and Time Settings</i> page should follow the language region date format.	K2-5509
<p>When deploying a dual or multiple partition WIM image through multicast instead of unicast, only the first partition deploys.</p> <p><b>Workaround:</b> A workaround is available for this issue. For more information, read the following KB article:  <a href="https://support.quest.com/kace-systems-deployment-appliance/kb/212975">https://support.quest.com/kace-systems-deployment-appliance/kb/212975</a></p>	K2-5393
Resizing the columns width functionality does not work for certain columns on some list pages.	K2-5277
The Offboard Storage Error Message in the Initial Configuration Wizard should be moved into the same error message box used in other pages.	K2-5198
Detail View should highlight selected row in data table .	K2-5115
In French, the button for "start upload" is truncated in Mac Media Manager.	K2-4558



Known issue	Issue ID
A Mac client machine is unable to Netboot when SSL, DHCP, Netboot Server is enabled, and the KACE SDA server with expandable storage configured as NAS (network attached storage).	K2-4557
Applying computer name sets a blank computer name when an ASR is deployed which contains no computer name.	K2-4551
Mac OS <i>Join Domain</i> Post-Installation Task script does not check for valid host name assignment, and does not exit with status code of zero '0' if does not find a host name, as expected.	K2-4528
Non-ASCII KACE Systems Management Appliance (SMA) Managed Installation (MI) package name is garbled on the package import list.	K2-4381
Invalid date is allowed for the <i>Run once, on</i> option while creating or updating a scheduled boot action.	K2-4197
No error message is displayed on Mac Media Manager when NetBoot passwords entered do not match.	K2-3713
Non-English offline user state from Windows 8 is not scanned for K-Image or scripted installation.	K2-3555
<code>lagg0</code> does not appear in <code>munin</code> .	K2-3500
Intermittently when booting from a USB, the machine freezes while starting Windows.	K2-3477
When switching between linked appliances, the drop-down list in the top-right corner of the Administrator Console should display only the linked appliances instead of all of the appliances to which you logged in to using single sign on (SSO) from the KACE SDA.	K2-3241
When KACE SMA and KACE SDA are linked together, two boot actions are created for client machine with two network interface cards (NICs).	K2-3226
Clicking <b>Remove local files not in image</b> does not remove local files from non-system drive.	K2-2855
Performing a NetBoot into the KACE SDA box assigns two IP addresses to the client.	K2-1157

## System requirements

The minimum version required for installing version 8.0 is 7.2 (7.2.97). 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 8.0, 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/8.0-common-documents/technical-specifications-for-virtual-appliances/](https://support.quest.com/technical-documents/kace-systems-deployment-appliance/8.0-common-documents/technical-specifications-for-virtual-appliances/).

## 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.



**NOTE:** Product licenses for version 8.0 can be used only on a KACE Systems Deployment Appliance version 8.0 or later. Version 8.0 licenses cannot be used on appliances running earlier versions of the KACE Systems Deployment Appliance, such as 7.0.



**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 8.0 is 7.2 (7.2.97). 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 8.0 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 **Apply Update** to initiate the upgrade process.

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.

5. Click **Check for Server updates**.

The appliance reboots automatically when the upgrade 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 8.0 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/8.0-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/8.0-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.

KACE Systems Deployment Appliance Release Notes

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