KACE® Systems Deployment Appliance 8.2

Release Notes

Table of Contents

Quest® KACE® Systems Deployment Appliance 8.2 Release Notes

This release notes document provides information about the Quest KACE Systems Deployment Appliance version 8.2.

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 8.2 is a minor release of the product which offers new features, enhancements, and resolved issues.

> **i** **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
Media Manager has an option to add `SecureStartup.cab` to the KACE Boot Environment (KBE).	ESMEA-6100
WIM images are split into 3.5 GB files when creating a USB key or Offline Deployment.	ESMEA-6066

Feature	Issue ID
The appliance now includes a global option under *General Settings* to set the preference of the **Use driverfeed for sysprepped** images check box.	ESMEA-6065
The **Automatically Reboot** check box is enabled by default for deployments in KBE, and a global option under *General Settings*.	ESMEA-6055
SMB2 is the minimum protocol version.	ESMEA-6051
Explorer-type interface is implemented to allow user to browse particular areas of the file system and create and delete directories and uploaded files.	ESMEA-6050
SDA Status Overview Report is updated to include new features	ESMEA-6049
`config.xml` and `task.xml` files can now be viewed under their perspective detail pages.	ESMEA-6044
Shell script tasks now default to Linux.	ESMEA-6041
KACE icon now appears on the iPXE menu.	ESMEA-6039
Sysprep Creator Wizard now defaults to the local browser's time zone.	ESMEA-6038
Stored unattend files on the appliance can be used as a mid-level task.	ESMEA-6037
User interface notifications are included for start and end of Windows image capture through KBE.	ESMEA-6035
Sysprep unattend files can now be manually edited with basic XML validation.	ESMEA-6034
DISM logging options are now configurable.	ESMEA-6031
Linux inventory is added in this release.	ESMEA-6026
Hide and Show links on the *System Image Detail* page now show above the log text field.	ESMEA-6009
Validation of SMTP fields is changed so that fields are no longer cleared on error.	ESMEA-6007
SDA and RSA *General Settings* pages are reorganized to find items more quickly and implement a drawer system for main categories.	ESMEA-6005
Hide/Unhide boot environments options are available from the KACE SDA and RSA PXE Boot Menu.	ESMEA-5994
User Interface Notifications now have a time since completed stamp.	ESMEA-5947
A return code other than zero '0' can now be entered for Windows tasks to show success.	ESMEA-5941
Email notifications occur when upgrade is completed.	ESMEA-5913

Feature	Issue ID
`Exim` logs are now part of the *Download All Logs* file.	ESMEA-5912
Auto-delete option is added for UI Notifications.	ESMEA-5835
Added ability to delete individual UI notifications.	ESMEA-5834
Windows and Linux Boot Environments are separated in PXE menu.	ESMEA-5409

Resolved issues

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

Table 2. Resolved Issues

Resolved issue	Issue ID
Use Driver Feed check box no longer shows for non-sysprepped images.	K2-7640
Non-sysprepped images can be hidden from KBE.	K2-7638
User that last modified the sysprep unattend detail page is recording correctly.	K2-7623
Only items changed on the *General Settings* page are updated.	K2-7620
Building a USB key for a KBE did not update the status.	K2-7616
A warning appears when a task is being deleted and is currently assigned to a deployment.	K2-7608
All notifications use the word *Completed*.	K2-7607
Daemon emails were pointing to wrong location of logs.	K2-7605
Users without email addresses are ignored in email notification recipient list	K2-7604
Recent Session section in the *SDA Status Overview* report had extra column.	K2-7602
Network Scan is now populating *Network Scan Inventory* properly	K2-7600
Progress Update messages showed in client log.	K2-7594
Read-only users can not view XML data on the *Scripted Installation Detail* page.	K2-7587
TFTP (Trivial File Transfer Protocol) log now records requests.	K2-7542
When a tasks fails the next tasks showed as being in progress.	K2-7479

Resolved issue	Issue ID
Any KBE built with 8.2 Media Manager or higher now boots without a prompt to press a key.	K2-7380
Remote Site Detail page took a long time to timeout if RSA is unavailable.	K2-7246
Online USMT Scan and Off-Board Package Transfer failed if SMB version 1 is disabled on the target.	K2-6775
Building a USB key for a system image did not update the status message.	K2-6742
Pop-up arrow for Recent Sessions icon on RSA is properly aligned.	ESMEA-6020
File size limit to is increased to 5 GB.	ESMEA-5663

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
Upgrading with Hyper-V does not always mount the appropriate disk partition	K2-7527
CentOS 8 deployments fail when the repository cache is enabled.	K2-7517
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
RHEL (Red Hat Enterprise Linux) and CentOS 7 manual deployment ends in `dracut`.	K2-7439
The filter tasks box is skewed when browser size is decreased.	K2-7435
An appliance iPXE error is reported: `no configuration methods succeeded.`	K2-7271
Custom Deployment does not display User States for deployment.	K2-7266
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 **All** 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

Known issue	Issue ID
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: https://support.quest.com/kace-systems-deployment-appliance/kb/232911	K2-6769
After clicking **New boot action** for a Mac OS NetBoot on the *Boot Environment Detail* page, on the *Automated Detail* page that appears, the *Deployment* field is not set, as expected.	K2-6665
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
Imaging to Serial Attached SCSI (SAS) drives is extremely slow, five hours or longer.	K2-6476
The *Date and Time Settings* page should follow the language region date format.	K2-5509
When deploying a dual or multiple partition WIM image through multicast instead of unicast, only the first partition deploys. **Workaround**: A workaround is available for this issue. For more information, read the following KB article: https://support.quest.com/kace-systems-deployment-appliance/kb/212975	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
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 *Run once, on* option while creating or updating a scheduled boot action.	K2-4197
Non-English offline user state from Windows 8 is not scanned for K-Image or scripted installation.	K2-3555
`lagg0` does not appear in `munin`.	K2-3500
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

Known issue	Issue ID
Clicking **Remove local files not in image** does not remove local files from non-system drive.	K2-2855

System requirements

The minimum version required for installing version 8.2 is 8.1 (8.1.183). 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 8.2, 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/8.2-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.

> **i** | **NOTE:** Product licenses for version 8.2 can be used only on a KACE Systems Deployment Appliance version 8.2 or later. Version 8.2 licenses cannot be used on appliances running earlier versions of the KACE Systems Deployment Appliance, such as 7.0.

> **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 8.2 is 8.1 (8.1.183). 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 8.2 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 8.2 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/8.2-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/8.2-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.

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.**

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

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