



KACE® Systems Management Appliance

Technical Specifications for Virtual Appliances

November 2020

This document lists the technical specifications of the virtual KACE Systems Management Appliance (SMA) and Asset Management Appliance (AMA).

For additional KACE SMA product documentation, go to <https://support.quest.com/kace-systems-management-appliance/technical-documents>.

Topics:


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Host system requirements

Virtual KACE SMA and AMA software can be installed on host systems that meet the following requirements.

Table 1. Host system requirements

Requirement	Details		
KACE SMA: Processor and Memory	Devices	Processor	Memory
	0 - 1000	2 CPUs	4 GB RAM
	1000 - 2000	4 CPUs	8 GB RAM
	2000 - 4000	8 CPUs	16 GB RAM

	4000 - 8000	16 CPUs	32 GB RAM
	8000 - 20000	24 CPUs	64 GB RAM
KACE SMA: Network Interface	Devices	Network Interface Card	
	0 - 8000	1 GB Ethernet Port	
	8000 +	10 GB Ethernet Port	
KACE AMA: Processor and Memory	Devices	Processor	Memory
	0 - 2500	2 CPUs	4 GB RAM
	2500 - 5000	4 CPUs	8 GB RAM
	5000 - 10000	8 CPUs	16 GB RAM
	10000 - 25000	16 CPUs	32 GB RAM
	25000 - 40000	24 CPUs	64 GB RAM
KACE AMA: Network Interface	Devices	Network Interface Card	
	0 - 10000	1 GB Ethernet Port	
	10000 +	10 GB Ethernet Port	
Available Disk Space	Small Installations	Large Installations	
	1 TB	3 TB	
Media	DVD		
Server and Operating System	64-bit		
Virtualization Infrastructure Requirements	For VMware® installations:		
	VMware ESX®/ESXi™ 6.7 or later		
	Open Virtualization Format (OVF) 1.0		
	 NOTE: To better understand the requirements for Amazon Web Services in cloud-based solutions, visit https://support.quest.com/kb/261998 .		
For Microsoft® Hyper-V® installations:			
Windows Server® 2019 with Hyper-V			
Windows Server 2016 with Hyper-V			

Operating system requirements for Agent-managed devices

The KACE SMA Agent is an application that can be installed on devices to enable device management through the virtual appliance. The Agent can be installed on devices that meet the following operating system requirements. For additional specifications, see the operating system vendor's documentation. The appliance imposes no additional requirements, and supports 32-bit and 64-bit architectures where applicable.

Table 2. Operating system requirements

Operating system	Details
Windows®	
Windows 10 IoT	Enterprise 1809
Windows 10	Professional, Enterprise 1607, 1703, 1709, 1803, 1809, 1903, 1909, 2004
Windows 8, 8.1	Professional, Enterprise
Windows 7	Professional, Enterprise, Ultimate
Windows Server® 2019, 2016	Essentials, Standard, Datacenter i NOTE: With KACE SMA Agent version 9.0, Windows Server 2016 Core is supported. With agent version 10.0, the appliance supports Windows Server 2019 Core.
Windows Server 2012, 2012 R2	Foundation, Essentials, Standard, Datacenter
Windows Server 2008 R2	Foundation, Essentials, Standard, Datacenter
Mac®	
Mac OS X®	10.13, 10.14, 10.15
Linux®	
Linux Red Hat® Linux AS and ES	6.x, 7.x, 8.x 32-bit and 64-bit architecture
Ubuntu®	16.04, 18.04, 20.4 32-bit and 64-bit architecture
SUSE® Linux Enterprise Server	12, 15 32-bit and 64-bit architecture
Raspbian Linux (on Raspberry Pi devices)	Debian versions:

8 (Jessie), 9 (Stretch), running on Raspberry Pi 3

10 (Buster), running on Raspberry Pi 3, 4

CentOS™

6, 7, 8



NOTE: KACE SMA includes installers for the above Linux operating systems, as well as generic versions. Only the listed Linux versions are supported. Any attempts to install and run the generic version of the KACE SMA Agent on an unsupported Linux OS can lead to unpredictable results. You can only do so at your own risk.

Operating system requirements for Agentless management

Agentless management enables you to inventory devices without using the KACE SMA Agent. Agentless management can be enabled for devices that have the following operating systems:

- CentOS™
- Chrome™ OS
- Debian®
- Fedora®
- FreeBSD®
- Mac OS X
- Oracle® Enterprise Linux
- Raspbian Linux (on Raspberry Pi devices)
- Red Hat
- SUSE
- Solaris®
- Ubuntu
- Windows
- Windows Server

Browser requirements for the web-based user interface

To access the KACE SMA Administrator Console and User Console web-based user interfaces, use a monitor with a screen resolution of at least 1280 pixels by 800 pixels and one of the following web browser applications.

Table 3. Browser requirements for the web-based user interface

Browser	Details
Microsoft Edge™	40.x or later
Firefox®	63.x or later
Safari®	10.0 or later
Chrome™	71.0 or later

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Quest Software Inc.

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4 Polaris Way

Aliso Viejo, CA 92656

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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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Updated – November 2020

Software Version – 11.0