

KACE® Systems Management Appliance

Technical Specifications for Virtual Appliances



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KACE® Systems Management Appliance: Technical Specifications for Virtual Appliances

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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:

- [Host system requirements](#)
- [Operating system requirements for Agent-managed devices](#)
- [Operating system requirements for Agentless management](#)
- [Browser requirements for the web-based user interface](#)

Host system requirements

KACE as a service 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 - 2000	2 CPUs	8 GB RAM
	2000 - 4000	4 CPUs	12 GB RAM
	4000 - 8000	8 CPUs	20 GB RAM
	8000 - 16000	16 CPUs	36 GB RAM
	16000 - 32000	32 CPUs	68 GB RAM
32000 - 50000	64 CPUs	132 GB RAM	
NOTE: These are minimum specifications in a simple configuration. Any changes that typically increase the use of system resources, such as complex Smart Labels, non-default check-in schedules, changes to history logging, and so on, require additional system resources.			
KACE SMA: Network Interface	Devices	Network Interface Card	
	0 - 8000	1 GB Ethernet Port	
	8000 +	10 GB Ethernet Port	
KACE AMA:	Devices	Processor	Memory
	0 - 2500	2 CPUs	8 GB RAM

Processor and Memory	2500 - 5000	4 CPUs	12 GB RAM
	5000 - 10000	8 CPUs	20 GB RAM
	10000 - 25000	16 CPUs	36 GB RAM
	25000 - 50000	24 CPUs	68 GB RAM
NOTE: These are minimum specifications in a simple configuration. Any changes that typically increase the use of system resources, such as complex Smart Labels, non-default check-in schedules, changes to history logging, and so on, require additional system resources.			
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	For VMware® installations: SMA 14.0 runs on FreeBSD 14.0 supported on VMware ESX®/ESXi™ 8.0 and later. Open Virtualization Format (OVF) 1.0		
Requirements	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 For Nutanix installations: Nutanix AOS 5.20.1.1 (LTS) or later		

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 KACE SMA appliance. The KACE SMA 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 11 IoT	Enterprise 21H2, 22H2
Windows 11	Professional, Enterprise 21H2, 22H2

Windows 10 IoT	Enterprise 1809
Windows 10	Professional, Enterprise 1607, 1703, 1709, 1803, 1809, 1903, 1909, 2004, 20H2, 21H1, 21H2, 22H2
Windows 8, 8.1	Professional, Enterprise
Windows 7	Professional, Enterprise, Ultimate
Windows Server 2022	Standard, Datacenter
Windows Server 2019, 2016	Essentials, Standard, Datacenter
Windows Server 2012, 2012 R2	Foundation, Essentials, Standard, Datacenter
Windows Server 2008 R2	Foundation, Essentials, Standard, Datacenter
Mac®	
macOS®	11.0, 12.x, 13.0, 14.0
Linux®	
Linux Red Hat® Linux AS and ES	7.4 - 9 64-bit architecture only
Ubuntu® LTS	18.04, 20.04, 22.04 64-bit architecture only
SUSE® Linux Enterprise Server	12, 15
Raspbian Linux (on Raspberry Pi devices)	8, 9, 10 Raspbian Pi 4 hardware supported with Debian 10 (Buster) 11 Raspbian Pi 4 hardware supported with Debian 11 (Bullseye)
CentOS™	7.4 - 8 64-bit architecture only

NOTE: The appliance 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 Agent on an unsupported Linux OS can lead to unpredictable results. You can only do so at your own risk.

NOTE:

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

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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