

SARDINA FISHOS CLOUD PLATFORM: LIST OF SUPPORTED GUEST OPERATING SYSTEMS

Sardina Systems

Contact: Technical Sales

Email: sales@sardinasystems.com

Tel: +44 203 468 9857

Date: 26 February 2024

Copyright © 2014 — 2024, Sardina Systems. All rights reserved. All trademarks, service marks, trade names, trade dress, product names and logos appearing on this document are the property of their respective owners.

SARDINA FISHOS CLOUD PLATFORM: LIST OF SUPPORTED GUEST OPERATING SYSTEMS

Sardina FishOS with KVM (Kernel-based Virtual Machine) as Hypervisor

Sardina FishOS includes support for KVM (Kernel-based Virtual Machine) as a high performance hypervisor of choice. By leveraging support for KVM which is built in to the Linux kernel, VMs in a FishOS cloud would be able to achieve high performance, with low virtualization overhead.

KVM will likely run most production operating systems, but this document is maintained nonetheless for general information purposes.

Note: This document is focused on older guest operating system, as newer production operating systems will work on KVM. This is not an exhaustive list, and is for information only. The information below is derived from https://www.linux-kvm.org/page/Guest_Support_Status.

Windows

Guest	Guest bitness	Host version	Host CPU	Host bitness	Status
Windows Small Business Server 2011	64	qemu-kvm-0.12.1.2-2.355.0.1.el6.centos.2	Intel	64	Works
Windows 2012 R2 Standard	64	qemu-kvm.x86_64 10:1.5.3-60.el7_0.5	Intel	64	Works
Windows 2012 Standard 180-days Evaluation	64	qemu-kvm-0.12.1.2-2.295.el6	Intel	64	Works
Windows 2008 Essential Business Server	64	qemu-kvm-0.11.0	AMD	64	Works
Windows 2008 Small Business Server	64	qemu-kvm-0.11.0	AMD	64	Works (reboot from guest does not work correctly)
Windows 2008 Standard	64	qemu-kvm-0.11.0	AMD	64	Works (reboot from guest does not work correctly)
Windows 2008 Standard	32	qemu-kvm-0.11.0	Intel	32	Works
Windows 2008 R2 RTM	64	kvm-88	Intel	64	Works

Guest	Guest bitness	Host version	Host CPU	Host bitness	Status
Windows 2008 R2 Standard	64	qemu-kvm-0.12.5	Intel	64	Works
Windows 2008 R2 Datacenter	64	qemu-kvm-0.12.5	Intel	64	Works
Windows 10 Technical Preview for Enterprise	64	qemu-kvm-1.1.2	AMD	64	Works
Windows 10 Professional build 10240 (release)	64	qemu-kvm-2.3.0	Intel	64	Works
Windows 8 Enterprise	64	qemu-kvm-devel-1.1.92 3.7.0-rc2	AMD	64	Works
Windows 7 Professional (Final)	64	qemu-kvm-0.12.1.2-1 ARCH-2.6.32	AMD	64	Works
Windows 7 RTM	32, 64	kvm-88	Intel	64	Works
Windows 7 RC	64	kvm-72+dfsg-5	Intel	64	Works
Windows 7 Beta	64	kvm-84	AMD	64	Works
Windows 7 Beta	32	kvm-83	Intel	32	Works
Windows 7 Beta	32	kvm-62	AMD	64	Works
Windows Server 2008 (Datacenter)	64	kvm-72	Intel, AMD	64	Works
Windows Server 2008 (Datacenter)	32	kvm-72	Intel, AMD	64	Works
Windows Vista Ultimate	64	kvm-84	Intel, AMD	64	Works
Windows Vista Ultimate	32	kvm-84	Intel, AMD	64	Works
Windows Server 2003 R2 (Std)	32	qemu-kvm-0.11.1	Intel	64	Works
Windows Server 2003 R2 (Std)	32	qemu-kvm-0.13	Intel	64	Works

Guest	Guest bitness	Host version	Host CPU	Host bitness	Status
Windows Server 2003 x64	64	qemu-kvm-0.13	Intel, AMD	64	Works
Windows Server 2003 x64	64	kvm-72	Intel, AMD	64	Works
Windows Server 2003 (Enterprise)	32	kvm-72	Intel	64	Works
Windows Server 2003 (Enterprise)	32	kvm-72	AMD	64	Works
Windows XP Pro x64	64	kvm-72	Intel, AMD	64	Works
Windows XP Pro	32	kvm-72	Intel	64	Works
Windows XP Pro	32	qemu-kvm-0.11.0	AMD	64	Works
Windows XP Pro	32	kvm-72	AMD	64	Works
Windows 2000 Pro (SP4)	32	kvm-64	Intel, AMD	64	Works
Windows 2000 Pro (SP4)	32	kvm-64	Intel	32	Works
Windows 2000 Advanced Server	32	kvm-44	Intel	64	Works
Windows NT Server 4.0 sp 1	32	kvm-72, 2.6.30	Intel	64	Works
Windows NT Workstation 4.0 (no SP)	32	qemu-kvm 0.12.3, 2.6.33	AMD	64	Works
Windows NT 4.0 SP6	32	kvm 1.0, 2.6.32	Intel	64	Works
Windows NT 4.0 SP6	32	qemu-kvm 1.4.1, 2.6.32	Intel	64	Works

CentOS, RHEL, Fedora and derivative operating systems

Guest	Guest bitness	Host version	Host CPU	Host bitness	Status
CentOS 6.5	64	CentOS 6.5, qemu-kvm-0.12.1.2-2.415, kernel 2.6.32-358.23.	Intel	64	Works
CentOS 6.2	32, 64	0.14.1+noroms-0ubuntu6.2	Intel, AMD	64	Works
CentOS 6.1	32, 64	0.14.1+noroms-0ubuntu6.2	Intel, AMD	64	Works
CentOS 6.0	64	kvm-83	Intel	64	Works
CentOS 5.8	32	qemu-kvm-0.12.1.2-2.295.el6	Intel	64	Works
CentOS 5.6	64	kvm-83	Intel	64	Works
CentOS 5.5	64	kvm-83-164.el5.x86_64.rpm	AMD (Sempron 140)	64	Works
CentOS 5.5	32	qemu-kvm-0.12.1.2-2.295.el6	Intel	64	Works
Enterprise Linux 5.4 / Unbreakable Linux	64	kvm-83	Intel	64	Works
Fedora 18	32, 64	qemu-kvm 0.14.1+noroms-0ubuntu6.2	Intel, AMD	32, 64	Works
Fedora 17	32, 64	qemu-kvm 0.14.1+noroms-0ubuntu6.2	Intel, AMD	32, 64	Works
Fedora 16	32, 64	qemu-kvm 0.14.1+noroms-0ubuntu6.2	Intel, AMD	32, 64	Works
Fedora 15	64	kvm-83	Intel	64	Works
Fedora 13	64	kvm-83	Intel	64	Works
Fedora 11	32	kvm-87	Intel	64	Works
Fedora 10	32, 64	kvm-85	Intel, AMD	64	Works
Fedora 9	32, 64	kvm-85	Intel, AMD	64	Works
Fedora 8	32, 64	kvm-85	Intel, AMD	64	Works

Guest	Guest bitness	Host version	Host CPU	Host bitness	Status
Fedora 7	32, 64	kvm-75	Intel, AMD	64	Works
Fedora 6	32	kvm-26	Intel, AMD	64	Works
Fedora 5	32, 64	kvm-12	Intel, AMD	64	Works
Fedora 4	64		AMD	64	Works
Fedora 3	64	kvm-78	AMD	64	Works
Fedora 1	32	qemu-kvm-0.11.1	Intel	64	Works
RHEL6 beta	64	kvm-83	Intel	64	Works
RHEL5	32, 64	kvm-85	Intel, AMD	64	Works
RHEL4	32, 64	kvm-85	Intel, AMD	64	Works
RHEL3	32, 64	kvm-85	Intel, AMD	64	Works
Red Hat Linux 9	32	kvm-51	Intel	64	Works
Red Hat Linux 7.3	32	kvm-78	AMD	64	Works
Scientific Linux 5.4.1	64	kvm-83	Intel	64	Works

Debian, Ubuntu and derivative operating systems

Guest	Guest bitness	Host version	Host CPU	Host bitness	Status
Debian GNU/Linux 7.0 beta (Kernel 3.4.4)	32, 64	qemu-kvm 0.14.1+noroms -0ubuntu6.2	Intel, AMD	64	Works
Debian GNU/Linux 6.0	64	kvm-83	Intel	64	Works
Debian GNU/Linux 5.0	64	kvm-88	Intel, AMD	64	Works
Debian GNU/Linux 5.0	64	kvm-83	Intel	64	Works
Debian Lenny 5.0	64	qemu-kvm-0.12.3	Intel	64	Works
Debian Lenny 5.0	64	qemu-kvm-0.11.1	Intel	64	Works
Debian Lenny 5.0	32, 64	kvm-72/77	Intel	64	Works

Guest	Guest bitness	Host version	Host CPU	Host bitness	Status
Debian Etch 4.0	64	kvm-72	Intel, AMD	64	Works
Debian Etch 4.0	32	kvm-64	Intel	64	Works
Ubuntu 12.10	32, 64	qemu-kvm 0.14.1+noroms -0ubuntu6.2	Intel, AMD	64	Works
Ubuntu 12.04	32, 64	qemu-kvm 0.14.1+noroms -0ubuntu6.2	Intel, AMD	64	Works
Ubuntu 11.10	32, 64	qemu-kvm 0.14.1+noroms -0ubuntu6.2	Intel, AMD	64	Works
Ubuntu 11.04	32, 64	qemu-kvm 0.14.1+noroms -0ubuntu6.2	Intel, AMD	64	Works
Ubuntu 10.10	64	kvm-83	Intel, AMD	64	Works
Ubuntu 10.04 LTS	32, 64	kvm-84	Intel, AMD	64	Works
Ubuntu 9.04	64	kvm-84	Intel	64	Works
Ubuntu 8.10	32	kvm-85	Intel, AMD	64	Works
Ubuntu 8.04 LTS	32, 64	kvm-64	Intel, AMD	64	Works
Ubuntu 7.10 Server	64	kvm-60	AMD	64	Works

Contact Us

For more information, please contact Sardina Technical Sales team at sales@sardinasystems.com.