

OS Compatibility List of NexaVM Migration Tool 688

1. Console Deployment OS (for Management + Data Gateway)

OS Type	Specific Versions	Support Scope
Windows Server	Windows Server 2012 R2, 2016, 2019, 2022	Management + Data Gateway / Data Gateway
Linux (x86)	Linux Image (generic compatible)	Management + Data Gateway / Data Gateway
Linux (ARM)	Linux ARM Image	Management + Data Gateway / Data Gateway (needs tech support)

2. Client OS Compatibility (Source Machine)

2.1 Windows Client/Offline Support

OS Version	Architecture	Installation	Offline Kit	Offline Source Machine
Windows 7	x86/x64	✓	✓	✓
Windows 8	x86/x64	✓	✓	✓
Windows 10	32bit/64bit	✓	✓	✓
Windows Server 2003 (SP2)	32bit/64bit	✓	✓	✓
Windows Server 2008	32bit/64bit	✓	✓	✓
Windows Server 2008 R2	x64	✓	✓	✓
Windows Server 2012	x64	✓	✓	✓
Windows Server 2012 R2	x64	✓	✓	✓
Windows Server 2016	x64	✓	✓	✓
Windows Server 2019	x64	✓	✓	✓
Windows Server 2022	x64	✓	✓	✓

2.2 Linux Client/Offline Support (by Distribution & Version)

A. CentOS

Major Version	Specific Versions	Supported Kernels (Key Examples)	Antenna	Offline Kit	Conversion
CentOS 5	5.3–5.11	2.6.18-128.el5, 2.6.18-164.el5, ..., 2.6.18-398.el5	✓	✓	✓
CentOS 6	6.0–6.10	2.6.32-71.el6.x86_64, 2.6.32-220.el6.x86_64, ..., 2.6.32-754.35.1.el6.x86_64	✓	✓	✓
CentOS 7	7.0–7.9	3.10.0-123.el7.x86_64, 3.10.0-327.el7.x86_64, ..., 3.10.0-1160.119.1.el7.x86_64	✓	✓	✓
CentOS 8	8.0–8.5, 8.9	4.18.0-80.el8.x86_64, 4.18.0-147.el8.x86_64, ..., 4.18.0-513.24.1.el8_9.x86_64	✓	✓	✓

B. Red Hat Enterprise Linux (RHEL)

Major Version	Specific Versions	Supported Kernels (Key Examples)	Antenna	Offline Kit
RHEL 5	5.5, 5.7, 5.8	2.6.18-194.el5, 2.6.18-274.el5, 2.6.18-308.el5	✓	✓
RHEL 6	6.2–6.9	2.6.32-220.el6.x86_64, 2.6.32-431.el6.x86_64, ..., 2.6.32-696.el6.x86_64	✓	✓

RHEL 7	7.2–7.9	3.10.0-327.el7.x86_64, 3.10.0-693.el7.x86_64, ..., 3.10.0-1160.119.1.el7.x86_64	✓	✓
RHEL 8	8.1, 8.4–8.6, 8.9–8.10	4.18.0-147.el8.x86_64, 4.18.0-305.17.1.el8_4.x86_64, ..., 4.18.0-553.el8_10.x86_64	✓	✓

C. SUSE Linux Enterprise Server (SLES)

Major Version	Specific Versions	Supported Kernels (Key Examples)	Antenna	Offline Kit
SUSE 10	10 SP4	2.6.16.60-0.85.1-smp	✓	✓
SUSE 11	11 SP1, 11 SP3–11 SP4	2.6.32.59-0.19.1.default, 3.0.76-0.11.default, 3.0.101-63.default	✓	✓
SUSE 12	12 SP2, 12 SP4–12 SP5	4.4.21-69.default, 4.12.14-94.41.default, ..., 4.12.14-122.147.default	✓	✓
SUSE 15	15 SP1, 15 SP4	4.12.14-195.default, 4.12.14-197.64.default, 5.14.21-150400.22.1.default	✓	✓

D. Ubuntu LTS

Major Version	Specific Versions	Supported Kernels (Key Examples)	Antenna	Offline Kit	Conversion
Ubuntu 12.04	12.04 LTS	3.2.0-23-generic	✓	✓	✓
Ubuntu 14.04	14.04 LTS	3.13.0-24-generic, 4.4.40-31-generic	✓	✓	✓
Ubuntu 16.04	16.04 LTS	4.4.0-21-generic, ..., 4.15.0-143-generic	✓	✓	✓
Ubuntu 18.04	18.04 LTS	4.15.0-20-generic, ..., 5.4.0-190-generic	✓	✓	✓
Ubuntu 20.04	20.04 LTS	5.4.0-26-generic, ..., 5.15.0-125-generic	✓	✓	✓
Ubuntu 22.04	22.04 LTS	5.15.0-25-generic, ..., 6.8.0-47-generic	✓	✓	✓
Ubuntu 24.04	24.04 LTS	6.8.0-41-generic, ..., 6.8.0-59-generic	✓	✓	✓

E. Domestic & Specialized Linux Distributions

Distribution	Specific Versions	Supported Kernels (Key Examples)	Antenna	Offline Kit	Conversion
AlmaLinux	8.9	4.18.0-513.18.1.el8_9.x86_64	✓	✓	✓
Anolis OS	7.9, 8.6, 8.8	3.10.0-1160.an7.x86_64, 4.19.91-26.an8.x86_64, 5.10.134-13.an8.x86_64	✓	✓	✓
Asianux	3 SP2–3 SP4, 4.5	2.6.18-128.7AXS3, 2.6.18-194.1.AXS3, 2.6.32-754.3.5.AXS4.x86_64	✓	✓	✓
BCLinux Euler	21.10 LTS SP2	4.19.90-2107.6.0.0208.16.oe1.bclinux.x86_64, 4.19.90-2111.3.0.0121.oe1.x86_64	✓	✓	✓
Debian	9.6, 10.02, 11.4, 12	4.9.0-8-amd64, 4.19.0-6-amd64, 5.10.0-16-amd64, 6.1.0-10-amd64	✓	✓	✓
Kylin	V6, V7, V10, V10 SP1	2.6.32-431.el6.x86_64, 3.10.0-327.el7.x86_64, 4.19.90-23.18.v2101.ky10.x86_64, 5.10.0-8-generic	✓	✓	✓
openEuler	20.03 LTS SP1, 21.09, 22.03 LTS SP1–SP4, 23.03, 24.03 LTS	4.19.90-2012.5.0.0054.oe1.x86_64, 5.10.0-60.18.0.50.oe2203.x86_64, ..., 6.6.0-31.0.0.45.oe2403.x86_64	✓	✓	✓
Oracle Linux	5.11, 6.6–6.10, 7.3–7.4, 7.6, 7.9, 8.5	2.6.39-400.215.10.el5uek, 3.8.13-44.1.1.el6uek.x86_64, ..., 5.4.17-2136.300.7.el8uek.x86_64	✓	✓	✓

Rocky Linux	8.8	4.18.0-477.10.1.el8_8.x86_64, 4.18.0-477.27.1.el8_8.x86_64	✓	✓	✓
UOS (UnionTech)	V20 (1002a, 1050a, 1060a, 1070a)	4.19.0-91.77.97.uelc20.x86_64, 4.19.90-2211.5.0.0178.22.uel20.x86_64, 5.10.0-74.3.uelc20.x86_64	✓	✓	✓

F. Linux ARM (Specialized Support)

Distribution	Major Version	Supported Kernels	CPU Model	Antenna
UnionTechOS	V20-1020, 1050d	4.19.0-arm64-server	Huawei Kunpeng 920	✓
Kylin	V10, V10-GFB	4.19.90-17.ky10.aarch64, 4.19.90-52.23.v2207.gfb03e.ky10.aarch64	Huawei Kunpeng 920	✓

3. File System Compatibility

OS Type	File System	Snapshot Support	Non-Snapshot Support	Notes
Windows	FAT32	✓	✓	-
Windows	NTFS	✓	✓	-
Linux	ext2	✓	✓	-
Linux	ext3	✓	✗	-
Linux	ext4	✓	✓	-
Linux	XFS	✓	✓	-
Linux	Btrfs	✓	✗	Requires Antenna + TrekerLite

4. VMware Agentless Compatibility

VMware Version	Agentless Read (API)	Agentless Write (API)	BootImage (ISO)	BootImage (OVA/VMDK)
VMware 4.1	✗	✗	✓	✓
VMware 5.0	✗	✗	✓	✓
VMware 5.1	✓ (needs API downgrade)	✓	✓	✓
VMware 5.5–8.0	✓	✓	✓	✓
VMware vCloud Director	✗	✗	✓	✓