

## COMPATIBILITY MATRIX

# KVMDR Compatibility Matrix

Supported virtualization platforms and host requirements

## Document version

KVMDR Version	Date	Notes
v1.2	Jun 2026	GA — initial compatibility matrix

Append new rows as releases ship, e.g. v1.2a, v1.3.

## Supported platforms

Platform	Version	Status	KVMDR
oVirt	4.5 (EL8/EL9)	✓ Supported	v1.2
oVirt	4.4 + Advanced Virtualization	✓ Supported	v1.2
OLVM	4.5	✓ Supported	v1.2
OLVM	4.4 + Advanced Virtualization	✓ Supported	v1.2
RHV	4.4 + Advanced Virtualization	✓ Supported (legacy)	v1.2
oVirt / OLVM / RHV	4.3 and older	✗ Not supported	—

## Requirement

KVMDR needs **QEMU 5.2+ with libnbd** on each hypervisor.

**oVirt / OLVM 4.5** — Included by default. Nothing to do.

**oVirt / RHV 4.4** — Enable Advanced Virtualization, then set cluster compatibility to 4.6:

```
dnf module reset virt && dnf module enable virt:av && dnf distro-sync
```

**OLVM 4.4** — enable the advanced KVM stream (Oracle Linux 8):

```
dnf module reset virt && dnf module enable virt:kvm_utils2 && dnf distro-sync
```

**oVirt 4.3** — not supported (EL7 cannot provide a new enough QEMU).

## Check your host

Run on any hypervisor:

<code>qemu-img --version</code>	need 5.2 or higher
<code>nbdinfo --version</code>	must be present

If both pass, the host is compatible. The KVMDR agent also checks this automatically at install and reports any gap.

## Host requirements

- RHEL / CentOS / Rocky / Oracle Linux 8 or 9
- Python 3.9+
- libvirt, qemu-kvm, qemu-nbd, libnbd (nbdinfo / nbdsh), fsfreeze
- Network to the KVMDR manager (ports 8000, 5432) and agent port 7777. Open both TCP & UDP on these ports to avoid firewall issues.