

Running ClustrixDB on CentOS 7

ClustrixDB 9 supports deployment on Red Hat Enterprise Linux and CentOS versions 7.4 or higher. If you choose to migrate to RHEL/CentOS 7, it is also recommended to use a [non-root configuration](#). Due to the differences in platform technologies there are now platform specific installation packages for each of the major OS versions. Additionally In-place upgrades are not supported and to migration to RHEL/CentOS 7 will require a fresh installation of the ClustrixDB software.

Differences between ClustrixDB on CentOS 6 and CentOS 7

- The sql database client has changed from MySQL to MariaDB. The MySQL database client is no longer included as part of the RHEL/CentOS 7 platforms.
- Some workloads will see performance benefits when using RHEL/CentOS 7.
- RHEL/CentOS 7 has different versions of libraries than CentOS 6, including Python.
- RHEL/CentOS 7 uses systemctl instead of initctl.

FAQ about RHEL/CentOS 7 and ClustrixDB

Q. If I have an existing ClustrixDB cluster running on CentOS 6, can I simply upgrade the OS?

A. No. ClustrixDB relies on different installation and upgrade packages for deploying on the different OS versions, so an in-place upgrade is not supported. Clustrix recommends provisioning a new cluster and using [Backup + Restore](#). You can replicate from a ClustrixDB cluster on CentOS 6 to a ClustrixDB 9 cluster on RHEL/CentOS 7.

Q. If I have an existing ClustrixDB cluster running on CentOS 6, can I add new nodes running RHEL/CentOS 7 and soft-fail the CentOS 6 nodes?

A. No, ClustrixDB requires that all nodes of the cluster must have the same binary installed. Different binaries are created for the different major OS versions.

Q. Is ClustrixDB 9 supported on CentOS 6?

A. Yes, but future releases may be CentOS 7+ only. As such we recommend that customers upgrade to CentOS 7 as soon as possible.