

INVENTORYMANAGEMENTSYSTEMFORRETAILERS

Domain:CloudApplicationDevelopment

Teamid: PNT2022TMID53370

TeamMembers:

Pradeep Kumar R	2127190501088
Keerthana sri s	2127190501057
Lakshman g	2127190501061
Lakshmi gayatri	2127190501062

DOCKERCLIINSTALLATION

DockerEngineinstallationoverview

DockerDesktop forLinux

DockerDesktophelpsyoubuild,share,andruncontainerseasilyonMacandWindowsasyoudo on Linux. We are excited to share that Docker Desktop for Linux is now GA. For more information, see [DockerDesktopforLinux](#).

Supportedplatforms

Docker Engine is available on a variety of [Linuxplatforms](#), [macOS](#) and [Windows10](#) through Docker Desktop, and as a [staticbinaryinstallation](#). Find your preferred operating system below.

Platform	/	x86_64 arm64/ aarch64	arm(32-bit)	s390x
CentOS				
Debian				
Fedora				
Raspbian				
RHEL				
SLES				
Ubuntu				

x86_64
/amd64

arm64(
AppleS
ilicon)

[Binaries](#)

Platform

[DockerDesktopforLinux](#)

[DockerDesktopforMac\(macOS\)](#)

[DockerDesktopforWindows](#)

Desktop

Server

Docker provides `.deb` and `.rpm` packages from the following Linux distributions and architectures:

Other Linux distributions

Note

While the instructions below may work, Docker does not test or verify installation on derivatives.

- Users of Debian derivatives such as “BunsenLinux”, “Kali Linux” or “LMDE” (Debian-based Mint) should follow the installation instructions for [Debian](#), substituting the version of their distro for the corresponding Debian release. Refer to the documentation of your distro to find which Debian release corresponds with your derivative version.
- Likewise, users of Ubuntu derivatives such as “Kubuntu”, “Lubuntu” or “Xubuntu” should follow the installation instructions for [Ubuntu](#), substituting the version of their distro for the corresponding Ubuntu release. Refer to the documentation of your distro to find which Ubuntu release corresponds with your derivative version.

- Some Linux distributions are providing a package of Docker Engine through their package repositories. These packages are built and maintained by the Linux distribution's package maintainers and may have differences in configuration or built from modified source code. Docker is not involved in releasing these packages and bugs or issues involving these packages should be reported in your Linux distribution's issue tracker.

Docker provides [binaries](#) for manual installation of Docker Engine. These binaries are

statically linked and can be used on any Linux distribution.

Release channels

Docker Engine has two types of update channels, **stable** and **test**:

- The **Stable** channel gives you the latest releases for general availability.
- The **Test** channel gives pre-releases that are ready for testing before general availability (GA).

Stable

Year-month releases are made from a release branch diverged from the master branch. The branch is created with format `<year>.<month>`, for example `20.10`. The year-month name indicates the earliest possible calendar month to expect the release to be generally available. All further patch releases are performed from that branch. For example, once `v20.10.0` is released, all subsequent patch releases are built from the `20.10` branch.

Test

In preparation for a new year-month release, a branch is created from the master branch with format `YY.mm` when the milestones desired by Docker for the release have been achieved. Pre-releases such as betas and release candidates are conducted from their respective release branches. Patch releases and the corresponding pre-releases are performed from within the corresponding release branch.

Support

Docker Engine releases of a year-month branch are supported with patches as needed for one month after the next year-month general availability release.

This means bug reports and backports to release branches are assessed until the end-of-lifedate.

After the year-month branch has reached end-of-life, the branch may be deleted from therepository.

Backporting

Backports to the Docker products are prioritized by the Docker company. A Dockeremployee or repository maintainer will endeavour to ensure sensible bugfixes make itinto*active*releases.

If there are important fixes that ought to be considered for backport to active releasebranches, be sure to highlight this in the PR description or by adding a comment to thePR.

Upgradepath

Patchreleasesarealwaysbackwardcompatiblewithitsyear-monthversion.

Licensing

DockerislicensedundertheApacheLicense,Version2.0.See[LICENSE](#)forthefulllicensetext.

Reportingsecurityissues

TheDockermaintainerstakesecurityseriously.Ifyoudiscoverasecurityissue,pleasebringittotheirattentionright away!

Securityreportsaregreatlyappreciated,andDockerwillpubliclythankyouforit.

Getstarted

AftersettingupDocker,youcanlearnthebasicswith[GettingstartedwithDocker](#).