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Docker Desktop release notes

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[4.1.0](#)[4.0.1](#)[4.0.0](#)

This page contains information about the new features, improvements, known issues, and bug fixes in Docker Desktop releases.

Releases are gradually rolled out to ensure quality control. If the latest version is not yet available to you, allow some time — updates typically become available within a week of the release date.

Docker Desktop versions older than 6 months from the latest release are not available for download. Previous release notes are available in our [documentation repository](#).

For more frequently asked questions, see the [FAQs](#).

4.74.0

2026-05-19

Download Docker Desktop

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New

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- [Credential helpers v0.9.7](#)
- `docker pass` v0.0.26

Bug fixes and enhancements

For all platforms

- Fixed a bug where Docker Desktop's own Electron helper processes (GPU, renderer, utility) were incorrectly detected and killed as lingering processes on startup when launching from the Start menu, causing a crash loop.
- Fixed an issue where the **View build logs** toggle in Logs view display settings was reset after restarting Docker Desktop instead of persisting the user's preference.
- Docker Extensions is now disabled by default.

For Mac

- Fixed published ports being inaccessible when a container is also connected to a Swarm overlay network. Fixes [docker/for-mac#7854](#).
- Fixed dashboard TLS failures in some corporate environments.
- Improved GUI security via content hash validation.

For Linux

- Added support for Ubuntu 26.04.

4.73.1

2026-05-13

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2026-05-11

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Updates

- [Docker Engine v29.4.3](#)
- [Docker Agent v1.54.0](#)

Bug fixes and enhancements

For all platforms

- Fixed `Cmd+Q` (Mac) and `Ctrl+Q` (Windows/Linux) not fully quitting Docker Desktop. Fixes [docker/for-mac#7833](#).
- Fixed a bug where canceling `docker load` left a containerd ref lock held, causing subsequent loads of the same image to fail.
- Fixed an issue where Docker Desktop made unnecessary network requests to `mcp.docker.com` on sign-in when MCP Toolkit was disabled, causing unexpected proxy authentication prompts.
- Fixed an issue where the search input in Gordon's session sidebar would not close if it was left empty.
- Improved Docker Desktop handling of transient rename failures caused by antivirus software accessing those files simultaneously.

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4.72.0

2026-05-06

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New

- The **Logs** view is now generally available.
- New installations of Docker Desktop for Windows have a choice between per-user (Beta) or all-user installs.

Updates

- [Docker Agent v1.50.0](#)
- [Docker DHI \(`dhctl`\) v0.0.3](#)
- [Docker Model Runner v1.1.37](#)
- [credential helpers v0.9.6](#)

Security

- The Extensions settings page now includes a security notice that extensions run with host-level privileges and are not audited by Docker.
- [Fixed CVE-2026-31431 \("copy.fail"\)](#) by backporting an upstream Linux kernel patch that prevents an unprivileged container user from gaining root inside the container via a controlled write into the host VM page cache

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- Fixed an issue where transient network errors or Docker Hub server errors during sign-in would unexpectedly sign users out instead of retrying automatically.
- Improved data refresh for the Containers, Images, and Volumes screens by fetching up-to-date data on demand when navigating to those screens, reducing background polling load.
- Fixed a kernel crash that could occur when changing filesharing technology after significant container file activity.
- Enable the OpenAI Responses API (`/responses`) endpoint in Docker Model Runner.
- Fixed a bug where users were unexpectedly signed out of Docker Desktop mid-flow when signing in via `docker login` using OAuth.

For Windows

- Fixed a bug on Windows where selecting the Docker Desktop taskbar icon multiple times could spawn multiple backend processes. Re-selecting the icon while Docker Desktop is running now brings the dashboard to focus.
- Fixed a race condition on Windows that caused a false-positive "processes still running" dialog to appear when Docker Desktop starts or exits normally.

For Linux

- Support for RHEL 8 has been dropped.

4.71.0

2026-04-27

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Updates

- [Docker Model Runner v1.1.36](#)
- [containerd to v2.2.3](#)
- [Runc v1.3.5](#)
- [Docker Compose v5.1.3](#)
- [Docker Agent v1.44.0](#)
- [Docker Engine v29.4.1](#)

Bug fixes and enhancements

For all platforms

- Docker Model Runner is now disabled by default and must be explicitly enabled in **Settings**. When enabled, TCP host-side support is automatically active.
- Fixed an issue where downloading a Docker Desktop update would fail without a clear error if the disk had insufficient free space.
- Fixed an issue where Docker Scout tag recommendations, when inspecting an image, failed when the base image digest or repository name was empty.
- Added a **Switch to local Docker context** button on the sign-in screen, allowing users in a cloud context to switch back to their local context without signing in.
- Added a dedicated **Stopped** status screen for the cloud engine so users see a clear stopped state instead of an error screen when transitioning away from Docker Offload.

For Mac

- Fixed an issue where error tracking would temporarily continue sending session data

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- Fixed a bug in Enhanced Container Isolation (ECI) that was causing loss of container `rootfs` persistence across Docker Desktop restarts, when using WSL.

Security

- Addressed [CVE-2026-5843](#), container-to-host code execution in the Docker Model Runner MLX inference backend via MLX-LM `model_file` importlib loading.

4.70.0

2026-04-20

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New

- Added a CLI hint that surfaces the **Logs** view when running `logs`, `compose logs`, `compose attach`, or `compose up` commands, giving you quick access to logs across all running containers. Available with the **Logs** (Beta) feature enabled.

Updates

- [Docker Compose v5.1.2](#)
- [Docker Engine v29.4.0](#)
- [Docker Agent v1.43.0](#)
- [Docker Model Runner v1.1.33](#)

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- Fixed an issue where disabling Beta features also disabled Docker Model Runner.
- Fixed `docker desktop start` causing the Docker AI agent API daemon to fail due to an inherited CLI plugin environment variable.

For Mac

- Fixed a crash loop where Docker Desktop repeatedly failed to start with exit status `42` after an update due to a corrupted `DockerAppLaunchPath` setting.
- Fixed an issue where a failed update could leave Docker Desktop in a broken state. The installer now automatically reverts to the previous version and shows a clear error message.
- Fixed a bug where stopping one container could disrupt active Unix socket forwards belonging to other running containers.

For Windows

- Fixed an issue where a failed update could leave Docker Desktop in a broken state. The installer now automatically reverts to the previous version and shows a clear error message.
- Fixed a bug where a failed switch to Windows containers could leave Docker Desktop in a broken state, requiring a restart.
- Fixed an issue where Docker Desktop failed to launch for users with `DEVHOME` set in their environment.
- Temporarily rolled back process hardening that caused Electron crashes on Windows. Fixes [docker/desktop-feedback#245](https://github.com/docker/docker-desktop-feedback/issues/245).

4.69.0

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- [Docker Agent v1.42.0](#)
- [Docker Model v1.1.29](#)
- [containerd v2.2.2](#)
- [Docker Buildx v0.33.0](#)

Bug fixes and enhancements

For all platforms

- Fixed an issue where `docker logout` from the CLI was ignored by Docker Desktop when OAuth tokens remained in the credential store, leaving the user unexpectedly signed in.
- Fixed an issue where Docker Desktop could unexpectedly sign users out when unrelated credential updates, `docker login`, or transient network errors triggered a sign-out.
- Fixed a data loss issue where backup data could be deleted during a failed restore operation, leaving users with no data.
- Fixed an issue where sign-in credentials (`login-info.json`) could be included in diagnostic bundles, improving privacy and security. Note that this file contains an encoded organisation(s) name, plan name, encoded username, and encoded email only. No passwords or credentials are included.
- Fixed the footer update label incorrectly showing **Downloading** during the prepare/unpack phase of an update. It now correctly displays **Preparing**.
- Fixed an issue where Docker Desktop would not start when the internal storage disk was full.

For Mac

- Fixed an issue where the in-app update button was not disabled when `Docker.app` was

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- Fixed an issue on Windows where factory reset deleted CLI plugins from `~/.docker/cli-plugins`, causing `docker build` to fall back to the legacy builder.
- Fixed a bug where Kubernetes failed to start when WSL integration was enabled alongside another distro using cgroup v1 controllers.
- Fixed a race condition that caused Kubernetes to fail to start when a Registry Access Management policy change occurred during startup.
- Prevent Docker Desktop from fatally failing due to transient 'Access is denied' errors during file operations on Windows.

4.68.0

2026-04-07

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[Debian - RPM - Arch \(checksum\)](#)

[Windows ARM Early Access \(checksum\)](#)

[Mac with Intel chip \(checksum\)](#)

New

- Gordon now has persistent local memory, allowing it to remember your preferences and context across sessions.

Updates

- [Docker Agent v1.39.0](#)
- [Docker Model v1.1.28](#)
- [Docker Offload v0.5.81](#)

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- Added a persistent **Show timestamps** toggle to the **Logs** view, allowing timestamps to be hidden in both table and visualiser views across sessions.
- Fixed an issue where Docker Desktop frontend processes were not properly terminated on quit.
- Fixed a deadlock when settings controlled by admins reload that could cause Docker Desktop to become unresponsive during sign in or sign out operations.
- Fixed a bug where Docker Desktop could fail to start due to uncorrectable filesystem errors on the disk image not being repaired.
- Fixed a bug that caused Enhanced Container Isolation (ECI) to inadvertently block startup of Kubernetes clusters.
- Fixed an issue where a failed volume size fetch could make the **Volumes** view inaccessible; container counts on volumes now correctly exclude bind mounts.
- Fixed race conditions in volume backup that could cause containers to be incorrectly restarted, export logs to be corrupted, or runtime panics when scheduling tasks.
- Fixed a crash in the API cache that occurred when containers with no names caused a panic disrupting container listing.
- Fixed a bug where starting a container could fail with `ENOENT` if a bind-mount parent directory was deleted while no container was using it.

For Mac

- Fixed a security vulnerability where tampered user-deployed config profiles could bypass organization sign-in enforcement.
- Fixed a bug where a failed `vmnetd` handshake could dispatch a bogus command on a broken connection, causing unexpected networking errors.

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- Fixed an issue where the installer extraction did not update the progress bar and could take around 5 minutes, depending on the machine. Extraction is now ~60% faster and includes proper progress updates.
- Fixed a race condition where container ports would sometimes not be published correctly after container start, affecting ephemeral ports, `--publish-all`, and gateway IP bindings.
- Fixed an issue where a failed WSL distro move could leave the distro unregistered.

Security

- Addressed [CVE-2026-5817](#), container-to-host code execution in the Docker Model Runner vllm-metal inference backend via unsandboxed `trust_remote_code` tokenizer loading.

4.67.0

2026-03-30

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[Debian - RPM - Arch \(checksum\)](#)

[Windows ARM Early Access \(checksum\)](#)

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New

- Docker MCP Toolkit now has MCP profile template cards and an onboarding tour accessible via the **Profiles** tab.

Updates

- [Docker Compose v5.1.1](#)

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- Docker Model Runner now supports Qwen3.5.
- With the new **Logs (Beta)** view, you can now filter container logs by Compose stack.
- Improved interaction with **Settings** while the Docker engine or Kubernetes is starting or stopping.
- Fixed a bug where random UDP port bindings reported port `0` instead of the actual assigned port.
- Fixed an issue with the Docker Desktop shortcut not reopening the Dashboard when Docker Desktop was already running.
- Fixed an issue where the **Add to existing profile** dialog showed profiles that already contained all selected MCP servers in the dropdown.

For Mac

- Fixed intermittent `exec format error` when starting amd64 containers on Apple Silicon Macs due to a race condition between Rosetta `binfmt` registration and `virtiofs` device availability.

For Windows

- Fixed Hyper-V being silently re-enabled on every EXE upgrade for WSL 2 users.
- Fixed an MSI installer bug where Docker Desktop processes could be left running after uninstall.
- Fixed an issue on Windows where installations or updates using `--installation-dir` would fail due to the installer archive being extracted into the custom installation directory.
- Improved Docker Desktop startup time on Windows by several seconds when using WSL 2.
- Fixed a bug on the **Models > Logs** screen which caused `docker-model` processes to accumulate on Windows each time the screen was visited.

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Updates

- [Docker Engine v29.3.1](#)

4.66.0

2026-03-23

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Updates

- [Docker Engine v29.3.0](#)
- [NVIDIA Container Toolkit v1.19.0](#)

Bug fixes and minor changes

For all platforms

- Gordon improvements:
 - Provides pre-filled prompts when deeplinking from command-line failure hints.
 - Prevents Docker Hub rate limiting by authenticating before making requests.

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- Fixed the Windows MSI installer failing to update Docker Desktop. Versions between 4.56 and 4.65 need to uninstall before reinstalling version 4.66 or later. Note that uninstalling removes all associated data.

4.65.0

2026-03-16

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[Mac with Intel chip \(checksum\)](#)

New

- Added a new **Logs** view where you can explore logs from all sources in one unified view. (Beta)
- Gordon hints now appear when `docker build`, `docker run`, or `docker compose` commands fail, offering contextual suggestions.
- Community MCP servers now support OAuth authentication directly in the UI.
- Added the `docker dhi` CLI plugin for managing Docker Hardened Images.

Updates

- [Docker Scout CLI v1.20.1](#)
- [Docker Agent v1.29.0](#)
- [Docker Buildx v0.32.1](#)

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Known issues

- The Windows MSI installer cannot update an existing Docker Desktop installation when the current version is between 4.56 and 4.65. As a workaround, uninstall the existing version before reinstalling the latest version. Note that uninstalling removes all associated data.

4.64.0

2026-03-11

Download Docker Desktop

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[Windows ARM Early Access \(checksum\)](#) [Mac with Intel chip \(checksum\)](#)

Updates

- [Docker Compose v5.1.0](#)
- [Docker Scout CLI v1.20.0](#)
- [Docker Agent v1.27.1](#)

Bug fixes and minor changes

For all platforms

- Fixed a bug in MCP Toolkit where disabling all tools in a profile would enable all tools.
- Fixed the `docker ai` command stopping after a Docker Agent update.
- Fixed Gordon session title flickering when hover buttons appeared.
- Improved Gordon summary rendering and reduced narrative verbosity.

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- Improved update error reporting with more descriptive diagnostics.
- Improved update reliability by preparing the updated `Docker.app` under `Application Support` instead of `/tmp`.

Known issues

- The Windows MSI installer cannot update an existing Docker Desktop installation when the current version is between 4.56 and 4.65. As a workaround, uninstall the existing version before reinstalling the latest version. Note that uninstalling removes all associated data.

4.63.0

2026-03-02

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[Windows ARM Early Access \(checksum\)](#) [Mac with Intel chip \(checksum\)](#)

New

- Added SLSA v1 provenance support in the **Builds** view.

Updates

- [Kubernetes v1.34.3](#)
- Linux kernel `v6.12.72`

Bug fixes and minor changes

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- Rebranded "Docker AI" references to "Gordon".

For Windows

- Improved startup time on Windows.

Known issues

- The Windows MSI installer cannot update an existing Docker Desktop installation when the current version is between 4.56 and 4.65. As a workaround, uninstall the existing version before reinstalling the latest version. Note that uninstalling removes all associated data.

4.62.0

2026-02-23

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New

- With Docker MCP Toolkit, you can now use [profiles](#) to organize your MCP servers into named collections. You can also create custom catalogs — curated collections of servers for your team or organization.

Updates

- Linux kernel `v6.12.69`

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- Added support for vLLM Metal in Docker Model Runner.

For Linux

- Fixed a networking crash on QEMU 10.2.0 and later.

Security

- Addressed [CVE-2026-2664](#), out of bounds read in grpcfuse kernel module.
- Addressed [CVE-2026-28400](#), runtime flag injection in Docker Model Runner.

Known issues

- The Windows MSI installer cannot update an existing Docker Desktop installation when the current version is between 4.56 and 4.65. As a workaround, uninstall the existing version before reinstalling the latest version. Note that uninstalling removes all associated data.

4.61.0

2026-02-18

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[Debian - RPM - Arch \(checksum\)](#)

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New

- You can now customize the left-hand navigation to show only the tabs that matter to you, and hide the ones that don't.

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Bug fixes and enhancements

For all platforms

- Docker Sandboxes:
 - Added automated image caching to prevent re-downloading images unnecessarily.
 - Added Shell mode for blank coding agent sandboxes.
 - Added support for OpenCode.
 - Added support for mounting multiple workspaces.
 - Added experimental Linux support (single user only, UID 1000).
 - Added support for running in WSL 2.
 - Sandboxes now start in the current working directory if no path is provided.

Known issues

- The Windows MSI installer cannot update an existing Docker Desktop installation when the current version is between 4.56 and 4.65. As a workaround, uninstall the existing version before reinstalling the latest version. Note that uninstalling removes all associated data.

4.60.1

2026-02-10

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Bug fixes and enhancements

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New

- Added a new `docker desktop diagnose` command to gather diagnostics.

Bug fixes and enhancements

For all platforms

- Fixed `ping6 host.docker.internal`.
- Enabled landlock LSM.
- Docker Sandboxes improvements:
 - Improved agent system prompt with network access documentation
 - Fixed Gemini API key injection
 - Sandboxes now block `console.anthropic.com/claude.ai` in proxy default rules
 - Fix CLI help text for `run <agent> --help`
 - Improved terminal size handling

Known issues

- The Windows MSI installer cannot update an existing Docker Desktop installation when the current version is between 4.56 and 4.65. As a workaround, uninstall the existing version before reinstalling the latest version. Note that uninstalling removes all associated data.

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Bug fixes and enhancements

For Mac

- Fixed an issue where CPU usage could spike at regular intervals. Fixes [docker/for-mac#7839](#).

4.59.0

2026-02-02

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Updates

- Linux kernel [v6.12.67](#)
- [Docker Compose v5.0.2](#)
- Docker Sandbox [v0.10.1](#)
- [Docker Buildx v0.31.1](#)

Bug fixes and enhancements

For all platforms

- Added Neo4j as a known publisher to the Docker MCP Catalog.
- Fixed an issue where the **Models** tab would crash when displaying requests made via the Anthropic Messages API.

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Security

- Fixed a security issue in enhanced container isolation where Docker socket mount permissions could be bypassed when using the `--use-api-socket` flag.

4.58.1

2026-01-29

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Bug fixes and enhancements

For Mac

- Fixed an issue where CPU usage could spike at regular intervals. Fixes [docker/for-mac#7839](#).

4.58.0

2026-01-26

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New

- A new version of [Docker Sandboxes](#) is now available on Docker Desktop. It provides a

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Bug fixes and enhancements

For all platforms

- Docker Model Runner now exposes an [Anthropic-compatible API](#).
- Docker Desktop now supports UTF-8 BOM for `admin-settings.json` and `registry.json`.
- Fixed an issue where admin settings incorrectly changed user proxy settings after a restart.

Important

Starting with Docker Desktop version 4.59, installing an update from the tray menu will proceed without opening the Docker Desktop Dashboard.

For Mac

- Fixed a bug where shared file permissions could be modified inadvertently while using DockerVMM on macOS. Fixes [docker/for-mac#7830](#).

For Windows

- Fixed an issue where the installer failed because of special ACLs set on `ProgramData`.

Security

- Updated Kubernetes images to address CVEs.
 - Kind:
 - `docker/desktop-containerd-registry-mirror:v0.0.3`

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4.57.0

2026-01-19

Download Docker Desktop

[Windows \(checksum\)](#)

[Mac with Apple chip \(checksum\)](#)

[Debian - RPM - Arch \(checksum\)](#)

[Windows ARM Early Access \(checksum\)](#)

[Mac with Intel chip \(checksum\)](#)

Security

- Fixed [CVE-2025-14740](#) where the Docker Desktop for Windows installer contained multiple incorrect permission assignment vulnerabilities in the handling of the `C:\ProgramData\DockerDesktop` directory.

New

- Docker Desktop now has a new issue tracker for all platforms at <https://github.com/docker/desktop-feedback>. Relevant, actively discussed issues from the previous platform-specific trackers will be migrated.

Updates

- [Docker Compose v5.0.1](#)

Bug fixes and enhancements

For all platforms

- Improved alignment of the Ask Gordon streaming indicator so it stays in sync with content on large screens.

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[Windows \(checksum\)](#)[Mac with Apple chip \(checksum\)](#)[Debian - RPM - Arch \(checksum\)](#)[Windows ARM Early Access \(checksum\)](#)[Mac with Intel chip \(checksum\)](#)

New

- Docker Desktop now includes Docker Compose v5 which introduces a new official Go SDK. This SDK provides a comprehensive API that lets you integrate Compose functionality directly into your applications, allowing you to load, validate, and manage multi-container environments without relying on the Compose CLI. For more information, see the [Compose SDK docs](#).

Updates

- [containerd v2.2.1](#)
- [Docker Compose v5.0.0](#)
- [Docker Agent v1.18.6](#)

Bug fixes and enhancements

For all platforms

- Fixed a panic in filesharing tests when containers don't have an IP address immediately after starting.
- Added support for custom DNS entries in the LinuxKit VM with the `ExtraDNSEntries` configuration field.

For Windows

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Note

When running under ARM64 emulation, some amd64 Go binaries built with older Go versions may still segfault. To avoid this, rebuild affected binaries using Go 1.25.4 or later. For details, see [golang/go#69255](#) and the corresponding [Go commit](#).

For Linux

- Fixed Kubernetes `hostPath` volume mounts failing on Linux hosts. Fixes [docker/desktop-linux#12](#).

4.55.0

2025-12-16

Download Docker Desktop

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[Debian - RPM - Arch \(checksum\)](#)

[Windows ARM Early Access \(checksum\)](#)

[Mac with Intel chip \(checksum\)](#)

Updates

- [Docker Engine v29.1.3](#)
- [Docker Agent v1.15.1](#)

Bug fixes and enhancements

For all platforms

- Fixed an issue that caused Docker Desktop to get stuck during startup.

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Wasm workloads will be deprecated and removed in a future Docker Desktop release.

4.54.0

2025-12-04

Download Docker Desktop

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[Debian - RPM - Arch \(checksum\)](#)

[Windows ARM Early Access \(checksum\)](#)

[Mac with Intel chip \(checksum\)](#)

New

- Added support for vLLM in Docker Model Runner on Windows with WSL2 and NVIDIA GPUs.

Bug fixes and enhancements

For Mac

- Fixed a bug where `/dev/shm` did not have enough permission for containers to write into. Fixes [docker/for-mac#7804](#).

Upgrades

- [Docker Buildx v0.30.1](#)
- [Docker Engine v29.1.2](#)
- [Runc v1.3.4](#)
- [Docker Model Runner CLI v1.0.2](#)

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4.53.0

2025-11-27

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[Debian - RPM - Arch \(checksum\)](#)

[Windows ARM Early Access \(checksum\)](#)

[Mac with Intel chip \(checksum\)](#)

Bug fixes and enhancements

For all platforms

- Fixed an issue where the Support Diagnostics tooling inadvertently captured expired Docker Hub authorization bearer tokens.

Security

- Added security patches to address CVEs [2025-52565](#), [2025-52881](#), and [2025-31133](#) when using [Enhanced Container Isolation](#).

4.52.0

2025-11-20

Download Docker Desktop

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New

- Added new port binding settings to Docker Desktop. This can also be controlled by

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- [Docker Model Runner v1.0.3](#)
- [Docker Model Runner CLI v1.0.0](#)
- Docker MCP plugin `v0.28.0`

Bug fixes and enhancements

For all platforms

- Docker MCP Toolkit improvements:
 - Amazon Q client support
 - OAuth DCR (Dynamic Client Registration) with Docker Engine
 - Create MCP profiles using the CLI
- Docker Model Runner improvements:
 - You can now skip the `/engines` prefix for [Docker Model Runner's OpenAI API endpoint](#) `curl http://localhost:12434/v1/models`.
 - You can now skip the `ai/` prefix for the models [published on Docker Hub with](#) `docker model pull`.
 - Downloads are now resumed when they get interrupted.

For Windows

- Fixed an issue with Kerberos/NTLM proxy sign in.

4.51.0

2025-11-13

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Upgrades

- [Docker Engine v28.5.2](#)
- Linux kernel `v6.12.54`

Bug fixes and enhancements

For all platforms

- Kind now only pulls required dependency images if they are not available locally.

4.50.0

2025-11-06

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[Debian - RPM - Arch \(checksum\)](#)

[Windows ARM Early Access \(checksum\)](#)

[Mac with Intel chip \(checksum\)](#)

New

- [Dynamic MCP](#)(Experimental) is now available in Docker Desktop .
- Introduced a new Welcome Survey to improve onboarding. New users can now provide information to help tailor their Docker Desktop experience.

Upgrades

- [Docker Compose v2.40.3](#)
- [NVIDIA Container Toolkit v1.18.0](#)

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automatically. You can still override the choice as before via Docker Desktop settings and admin settings.

- Docker Desktop no longer treats Stargz Snapshotter failures as fatal. If a failure occurs, Docker Desktop continues to run without the Stargz Snapshotter.
- Ask Gordon no longer displays images with user provided URLs.
- Ask Gordon now asks for confirmation before running all built-in and all user added MCP tools.

4.49.0

2025-10-23

Download Docker Desktop

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[Debian - RPM - Arch \(checksum\)](#)

[Windows ARM Early Access \(checksum\)](#)

[Mac with Intel chip \(checksum\)](#)

Important

Support for Windows 10 21H2 (19044) and 11 22H2 (22621) has ended. Installing Docker Desktop will require Windows 10 22H2 (19045) or Windows 11 23H2 (22631) in the next release.

Security

- Fixed [CVE-2025-9164](#) where the Docker Desktop for Windows installer was vulnerable to DLL hijacking due to insecure DLL search order. The installer searches for required DLLs in the user's Downloads folder before checking system directories, allowing local privilege escalation through malicious DLL placement

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- [Docker Engine v28.5.1](#)
- [Docker Compose v2.40.2](#)
- [NVIDIA Container Toolkit v1.17.9](#)
- Docker Debug `v0.0.45`

Bug fixes and enhancements

For all platforms

- Fixed an issue where Docker Desktop used an expired proxy password while waiting for the user to enter a new one.
- Fixed a 'chown' error shown on startup with Docker Debug.
- Fixed a bug that caused some forwarded UDP ports to hang.

For Mac

- Fixed Kubernetes startup hanging when another Kubernetes context was active. Fixes <https://github.com/docker/for-mac/issues/7771>.
- If a Rosetta install is cancelled or fails, Rosetta will be disabled in Docker Desktop.
- Minimum OS version to install or update Docker Desktop on macOS is now macOS Sonoma (version 14) or later.

4.48.0

2025-10-09

Download Docker Desktop

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[Debian - RPM - Arch \(checksum\)](#)

[Windows ARM Early Access \(checksum\)](#) [Mac with Intel chip \(checksum\)](#)

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New

- You can now specify PAC files and Embedded PAC scripts with installer flags for [macOS](#) and [Windows](#).
- Administrators can set proxy settings via [macOS configuration profiles](#).

Upgrades

- [Docker Compose v2.40.0](#)
- [Docker Buildx v0.29.1](#)
- [Docker Engine v28.5.1](#)
- Docker MCP plugin [v0.22.0](#)
- [Docker Model CLI v0.1.42](#)

Bug fixes and enhancements

For all platforms

- Fixed an issue where kind cluster state is sometimes reset when Desktop restarts. Fixes [docker/for-mac#77445](#).
- Removed the obsolete `mcp` key to align with the latest VS Code MCP server changes.
- Update credential helpers to [v0.9.4](#).
- Fixed an issue where Docker Desktop used an expired proxy password while waiting for the user to enter a new one.
- Fixed a bug which caused Docker Desktop to regularly create new processes with Docker CLI tools under certain conditions. Fixes [docker/for-win#14944](#).

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- Removed the `HKLM\SOFTWARE\Docker Inc.\Docker\1.0` registry key. Look for `docker.exe` in the path to find out where Docker Desktop is installed instead.
- Fixed startup in WSL 2 mode when IPv6 has been disabled.

4.47.0

2025-09-25

Download Docker Desktop

[Windows \(checksum\)](#)

[Mac with Apple chip \(checksum\)](#)

[Debian - RPM - Arch \(checksum\)](#)

[Windows ARM Early Access \(checksum\)](#)

[Mac with Intel chip \(checksum\)](#)

Security

- Fixed [CVE-2025-10657](#) where the Enhanced Container Isolation [Docker Socket command restrictions](#) feature was not working properly in Docker Desktop 4.46.0 only (the configuration for it was being ignored).

New

- Added dynamic MCP server discovery and support to Docker's MCP catalog.
- With Enhanced Container Isolation, administrators can now block `docker plugin` and `docker login` commands in containers with Docker socket mounts.
- Added a new Docker Model Runner command. With `docker model requests` you can fetch requests and responses.

Upgrades

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Bug fixes and enhancements

For all platforms

- You can now search for MCP servers more easily with filters, sorting, and improved search functionality.
- Docker Debug no longer hangs when debugging containers that have environment variables set to an empty value.
- Enhanced Docker Model Runner with rich response rendering in the CLI, conversational context in the Docker Desktop Dashboard, and resumable downloads.

For Mac

- Removed the `com.apple.security.cs.allow-dyld-environment-variables` entitlement which allow a signed, arbitrary dynamic library to be loaded with Docker Desktop via the `DYLD_INSERT_LIBRARIES` environment variable.
- Fixed a regression where config profile sign-in enforcement broke for some customer environments.
- Fixed a bug that sometimes caused the `docker model package` command to hang when writing to the local content store (without the `--push` flag).
- Fixed a bug where containers started with the restart policy `unless-stopped` were never restarted. Fixes [docker/for-mac#7744](https://github.com/docker/for-mac/issues/7744).

For Windows

- Fixed the Goose MCP client connection on Windows for the Docker MCP Toolkit.
- Addressed an issue with the "Skipping integration" of a WSL distro option, after a failed integration attempt.

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[Windows ARM Early Access \(checksum\)](#) [Mac with Intel chip \(checksum\)](#)

New

- Added a new Learning center walkthrough for Docker MCP Toolkit and other onboarding improvements.
- Administrators can now control [PAC configurations with Settings Management](#).
- The update experience has been redesigned to make it easier to understand and manage updates for Docker Desktop and its components.

Upgrades

- [Docker Buildx v0.28.0](#)
- [Docker Engine v28.4.0](#)

Bug fixes and enhancements

For all platforms

- With the Docker CLI, you can now set the `GODEBUG` environment variable when the key-value pair (`"GODEBUG": ". . ."`) exists inside the Docker context metadata. This means certificates that have negative serial numbers in the CLI binaries are supported by default.
- Updated the Docker Subscription Service Agreement link to point to the latest version.

For Mac

- Improved the security of Docker Model Runner by enabling sandboxing of the `llama.cpp` inference processes.

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- Fixed a path issue in the RHEL post-uninstall sequence.

4.45.0

2025-08-28

Download Docker Desktop

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[Debian - RPM - Arch \(checksum\)](#)

[Windows ARM Early Access \(checksum\)](#)

[Mac with Intel chip \(checksum\)](#)

New

- [Docker Model Runner](#) is now generally available.

Upgrades

- [Docker Compose v2.39.2](#)
- [Docker Buildx v0.27.0](#)
- [Docker Scout CLI v1.18.3](#)
- [Docker Engine v28.3.3](#)

Bug fixes and enhancements

For all platforms

- Fixed a bug that caused the `com.docker.diagnose` to crash when uploading a diagnostics bundle behind a proxy that requires authentication.
- The `kind` dependency image `envoyproxy/envoy` was upgraded from v1.32.0 to v1.32.6. If you mirror `kind` images, ensure your mirrors are updated.

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- Fixed a bug that would break port mappings when a container was connected to or disconnected from a network after it was started. Fixes [docker/for-mac#7693](#).

For Windows

- Fixed a bug that prevented CLI plugins from being deployed to `~/.docker/cli-plugins` by default when users lacked the correct permissions.
- Fixed a bug where relocating the WSL data distribution would fail if the `docker-desktop` distribution was not present.
- Fixed a typo in the WSL install URL in the Docker Desktop Dashboard.
- Fixed an issue where certain WSL distros would fail to integrate. Fixes [docker/for-win#14686](#)

4.44.3

2025-08-20

Download Docker Desktop

[Windows \(checksum\)](#)

[Mac with Apple chip \(checksum\)](#)

[Debian - RPM - Arch \(checksum\)](#)

[Windows ARM Early Access \(checksum\)](#)

[Mac with Intel chip \(checksum\)](#)

Security

- Fixed [CVE-2025-9074](#) where a malicious container running on Docker Desktop could access the Docker Engine and launch additional containers without requiring the Docker socket to be mounted. This could allow unauthorized access to user files on the host system. Enhanced Container Isolation (ECI) does not mitigate this vulnerability.

Bug fixes and enhancements

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[Windows \(checksum\)](#) [Mac with Apple chip \(checksum\)](#) [Debian - RPM - Arch \(checksum\)](#)
[Windows ARM Early Access \(checksum\)](#) [Mac with Intel chip \(checksum\)](#)

Bug fixes and enhancements

- Adds [Docker Offload](#) to the **Beta features** settings tab and includes updates to support [Docker Offload Beta](#).

4.44.1

2025-08-13

Download Docker Desktop

[Windows \(checksum\)](#) [Mac with Apple chip \(checksum\)](#) [Debian - RPM - Arch \(checksum\)](#)
[Windows ARM Early Access \(checksum\)](#) [Mac with Intel chip \(checksum\)](#)

Bug fixes and enhancements

For all platforms

- Fixed an issue found in version 4.44.0 that caused startup to fail when `vpnkit` CIDR is locked without specifying a value in Desktop Settings Management.

For Windows

- Fixed an issue where volumes and containers were not visible after an upgrade from distributions using the legacy `version-pack-data` directory structure.
- Resolved a rare issue in WSL 2 where the Docker CLI failed with a **Proxy Authentication Required** error.
- Fixed a bug where CLI plugins were not deployed to `~/.docker/cli-plugins` if the user

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New

- WSL 2 stability improvements.
- You can now inspect requests and responses to help you diagnose model-related issues in Docker Model Runner.
- Added the ability to run multiple models and receive a warning on insufficient resources. This avoids Docker Desktop freezing when using big models.
- Added new MCP clients to the MCP Toolkit: Gemini CLI, Goose.
- Introduced `--gpu` (Windows only) and `--cors` flags for `docker desktop enable model-runner`.
- Added a new `docker desktop kubernetes` command to the Docker Desktop CLI.
- You can now search for specific configuration options within **Settings**.
- Apple Virtualization is now the default VMM for better performance and QEMU Virtualization is removed. See [blog post](#).
- Performance and stability improvements to the DockerVMM.

Upgrades

- [Docker Compose v2.39.1](#)
- [Docker Buildx v0.26.1](#)
- [Docker Engine v28.3.2](#)
- [Docker Scout CLI v1.18.2](#)
- [Docker Model CLI v0.1.36](#)
- [Docker Desktop CLI v0.2.0](#)

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Bug fixes and enhancements

For all platforms

- Fixed an issue pulling images with zstd differential layers when the containerd image store is enabled.
- Fixed a bug causing containers launching with the `--restart` flag to not restart properly when using Enhanced Container Isolation.
- Improved interaction between [Kubernetes custom registry images](#) and Enhanced Container Isolation (ECI), so the [ECI Docker Socket image list](#) no longer needs to be manually updated when using a custom registry for Kubernetes control plane images.
- Fixed a bug where a Docker Desktop Kubernetes cluster in kind mode fails to start after restarting Docker Desktop if the user is required to be signed in but is currently signed out.
- Fixed a bug that prevented the mounting of MCP secrets into containers when [Enhanced Container Isolation](#) is enabled.
- Fixed a bug preventing the use of `--publish-all` when `--publish` was already specified.
- Fixed a bug causing the **Images** view to scroll infinitely. Fixes [docker/for-mac#7725](#).
- Fixed a bug which caused the **Volumes** tab to be blank while in Resource Saver mode.
- Updated terms of service text on first launch.
- More robustness in parsing newly released GGUF formats.

For Mac

- Fixed disk corruption on DockerVMM when reclaiming disk space.
- Fixed regression since 4.42.0 on DockerVMM by re-introducing performance boost on general usage.

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- Removed eBPF which blocked `io_uring`. To enable `io_uring` in a container, use `--security-opt seccomp=unconfined`. Fixes [docker/for-mac#7707](#).
- Docker Model Runner now supports GPT OSS models.

For Windows

- Re-added `docker-users` group to the named pipe security descriptors.
- Fixed an installer crash when the current user has no `SOFTWARE\Microsoft\Windows\CurrentVersion\Uninstall` registry key.
- Fixed a bug where Docker Desktop could leak a `com.docker.build` process and fail to start. Fixed [docker/for-win#14840](#).
- Fixed a bug that was preventing Docker Desktop Kubernetes in kind mode from starting when using WSL with `cgroups v1` and Enhanced Container Isolation (ECI) is enabled.
- Fixed a typo in the WSL installation URL in the UI.
- Docker Model Runner now supports GPT OSS models

4.43.2

2025-07-15

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[Debian - RPM - Arch \(checksum\)](#)

[Windows ARM Early Access \(checksum\)](#)

[Mac with Intel chip \(checksum\)](#)

Upgrades

- [Docker Compose v2.38.2](#)
- [Docker Engine v28.3.2](#)

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[Windows ARM Early Access \(checksum\)](#) [Mac with Intel chip \(checksum\)](#)

Bug fixes and enhancements

For all platforms

- Fixed an issue that caused Docker Desktop UI to break when Ask Gordon responses contained HTML tags.
- Fixed an issue that prevented extensions from communicating with their backends.

4.43.0

2025-07-03

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[Mac with Apple chip \(checksum\)](#) [Debian - RPM - Arch \(checksum\)](#)

[Windows ARM Early Access \(checksum\)](#) [Mac with Intel chip \(checksum\)](#)

New

- [Compose Bridge](#) is now generally available.

Upgrades

- [Docker Buildx v0.25.0](#)
- [Docker Compose v2.38.1](#)
- [Docker Engine v28.3.0](#)
- [NVIDIA Container Toolkit v1.17.8](#)

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- Fixed a bug causing `docker start` to drop the container's port mappings for a container already running.
- Fixed a bug that prevented container ports to be displayed on the GUI when a container was re-started.
- Fixed a bug that caused Docker API `500 Internal Server Error` for API route and `version` error application start.
- The settings **Apply & restart** button is now labeled **Apply**. The VM is no longer restarted when applying changed settings.
- Fixed a bug where the disk would be corrupted if Docker is shutdown during a `fsck`.
- Fixed a bug causing an incorrect `~/ .kube/config` in WSL2 when using a `kind` Kubernetes cluster.
- Return an explicit error to a Docker API / `docker` CLI command if Docker Desktop has been manually paused.
- Fixed an issue where unknown keys in Admin and Cloud settings caused a failure.

For Mac

- Removed `eBPF` which blocked `io_uring`. To enable `io_uring` in a container, use `--security-opt seccomp=unconfined`. Fixes [docker/for-mac#7707](#).

For Windows

- Fixed an issue that caused the Docker Desktop installer to crash when the current user has no `SOFTWARE\Microsoft\Windows\CurrentVersion\Uninstall` registry key.
- Fixed a bug where Docker Desktop could leak a `com.docker.build` process and fail to start. Fixes [docker/for-win#14840](#)

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in the following directories:

- Windows: `%APPDATA%\Docker Desktop\persisted-state.json`
- Linux: `$XDG_CONFIG_HOME/Docker Desktop/persisted-state.json` or `~/.config/Docker Desktop/persisted-state.json`
- Mac: `~/Library/Application Support/Docker Desktop/persisted-state.json`

For Windows

- Possible incompatibility between the "host networking" feature of Docker Desktop and the most recent WSL 2 Linux kernel. If you encounter such issues, downgrade WSL 2 to 2.5.7.

4.42.1

2025-06-18

Upgrades

- [Docker Compose v2.37.1](#)

Bug fixes and enhancements

For all platforms

- Fixed an issue where Docker domains were not reachable when the proxy configuration is not valid.
- Fixed a possible deadlock when exposing ports.
- Fixed a race condition which can cause `docker run -p` ports to disappear.

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4.42.0

2025-06-04

New

- Expanded network compatibility with IPv6 support.
- The Docker MCP Toolkit is now natively integrated into Docker Desktop.
- Docker Model Runner is now available for Windows systems running on Qualcomm/ARM GPUs.
- Added a **Logs** tab to the Models view so you can see the inference engine output in real time.
- Gordon now integrates the MCP Toolkit, providing access to 100+ MCP servers.

Upgrades

- [Docker Buildx v0.24.0](#)
- [Docker Engine v28.2.2](#)
- [Compose Bridge v0.0.20](#)
- [Docker Compose v2.36.2](#)
- [NVIDIA Container Toolkit v1.17.7](#)
- [Docker Scout CLI v1.18.0](#)

Bug fixes and enhancements

For all platforms

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- Added support for pulling models from Docker Hub directly, simplifying the process of accessing and using models.
- Docker Desktop now sets the disk usage limit to the size of the physical disk on fresh install and reset to defaults on Mac and Linux.
- The maximum disk size in the settings UI now aligns with the full capacity of the host file system.
- The **Models** view now has a **Docker Hub** tab that lists models under the `ai` namespace.
- Improved the sign-in enforcement message when more than 10 organizations are enforced.
- Changed the way ports are mapped by Docker Desktop to fully support IPv6 ports.
- Fixed a bug in the Dashboard container logs screen causing the scrollbar to disappear as the mouse approaches.
- [Enforced sign-in](#) fixed for Teams subscription users.
- `llama.cpp` server now supports streaming and tool calling in Model Runner.
- Sign-in Enforcement capability is now available to all subscriptions.

For Mac

- Fixed a bug where the disk would always have a minimum usage limit of 64GB when using Docker VMM.
- Disabled the memory protection keys mechanism in the Docker Desktop Linux VM. This caused VS Code Dev Containers to not work properly. See [docker/for-mac#7667](#).
- Fixed persistent volume claims under Kubernetes. Fixes [docker/for-mac#7625](#).
- Fixed a bug where the VM failed to start using Apple virtualization.framework.
- Minimum version to install or update Docker Desktop on is now macOS Ventura 13.3.

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- Fixed an issue where Docker Desktop would not remove entries in the hosts file when uninstalling.
- Fixed an issue when reading auto-start registry key for some system languages. Fixes [docker/for-win#14731](#).
- Fixed a bug where Docker Desktop was adding unrecognised `/etc/wsl.conf` `crossDistro` option which was causing WSL 2 to log an error. See [microsoft/WSL#4577](#)
- Fixed a bug where Docker Desktop failed to start on WSL 2.5.7 if another WSL distro is still using Linux cgroups v1. Fixes [docker/for-win#14801](#)
- Windows Subsystem for Linux (WSL) version 2.1.5 is now the minimum version required for proper functioning of Docker Desktop application

Known issues

For all platforms

- This release contains a regression with `docker port`, resulting in "No host port found for host IP" errors when using `testcontainers-node`. See [testcontainers/testcontainers-node#818](#)

For Windows

- Running containers with Wasm will hang sporadically. See [docker/for-mac#7666](#).
- On some machines Resource Saver will cause other WSL 2 distros to freeze. The workaround is to disable Resource Saver. See [docker/for-win#14656](#).

4.41.2

2025-05-06

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4.41.1

2025-04-30

Bug fixes and enhancements

For all platforms

- Fixed an issue where Docker Desktop failed to start when a proxy configuration was specified in the `admin-settings.json` file.

For Windows

- Fixed possible conflict with 3rd party tools (for example, Ollama) by avoiding placing `llama.cpp` DLLs in a directory included in the system `PATH`.

4.41.0

2025-04-28

New

- Docker Model Runner is now available on x86 Windows machines with NVIDIA GPUs.
- You can now [push models](#) to Docker Hub with Docker Model Runner.
- Added support for Docker Model Runner's model management and chat interface in Docker Desktop for Mac and Windows (on hardware supporting Docker Model Runner). Users can now view, interact with, and manage local AI models through a new dedicated interface.
- [Docker Compose](#) and Testcontainers [Java](#) and [Go](#) now support Docker Model Runner.
- Introducing Docker Desktop in the [Microsoft App Store](#).

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- [Compose Bridge v0.0.19](#)

Security

- Fixed [CVE-2025-3224](#) allowing an attacker with access to a user machine to perform an elevation of privilege when Docker Desktop updates.
- Fixed [CVE-2025-4095](#) where Registry Access Management (RAM) policies were not enforced when using a MacOS configuration profile, allowing users to pull images from unapproved registries.
- Fixed [CVE-2025-3911](#) allowing an attacker with read access to a user's machine to obtain sensitive information from Docker Desktop log files, including environment variables configured for running containers.

Bug fixes and enhancements

For all platforms

- Fixed a bug in DockerVMM that caused an excessive number of open file handles on the host.
- Fixed an issue where Docker Desktop failed to start if the `admin-settings.json` file didn't contain the optional `configurationFileVersion` configuration.
- Fixed a bug that was causing outgoing UDP connections to be eagerly closed.
- Enhanced log reading experience with advanced search capabilities and container-level filtering, enabling quicker debugging and troubleshooting.
- Improved error messages when downloading Registry Access Management configuration.
- If Docker can't bind an ICMPv4 socket, it now logs an error and continues rather than quits.

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For Mac

- Fixed a bug that caused high CPU usage. Fixes [docker/for-mac#7643](#).
- Fixed multi-arch build issue with Rosetta on M3 Macs.
- Fixed an issue where absence of `/Library/Application Support/com.docker.docker/` directory can cause failure to apply RAM policy restrictions.

For Windows

- The Windows `.exe` installer now includes improved handling of locked files. Fixes [docker/for-win#14299](#) and [docker/for-win#14316](#).
- Fixed `Docker Desktop.exe` not showing version information after installation. Fixes [docker/for-win#14703](#).

Known issues

For all platforms

- If you have enforced sign-in using `desktop.plist` (on macOS) or Registry key (on Windows) and also have a `registry.json`, sign-in will fail if the user belongs to an organization listed in `desktop.plist` / registry key but not to any organizations specified in `registry.json`. To resolve this, remove the `registry.json` file.

For Windows

- If multiple organizations are specified in the `allowed0rgs` Windows registry key using space-separated format, sign-in will fail and user will be logged out. As a workaround, specify each organization on a separate line in the registry key value.

4.40.0

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Upgrades

- [Docker Buildx v0.22.0](#)
- [Docker Compose v2.34.0](#)
- [Docker Engine v28.0.4](#)
- [Docker Scout CLI v1.17.0](#)
- [compose-bridge v0.0.18](#)
- [NVIDIA Container Toolkit v1.17.5](#)

Bug fixes and enhancements

For all platforms

- Fixed a bug that caused `docker-proxy` to stop forwarding UDP datagrams to containers.
- Fixed a bug that caused `docker-proxy` to close UDP connections to containers eagerly and resulting in the source address to change needlessly
- Fixed a race condition that prevented Docker Desktop Kubernetes from starting in some scenarios.
- Improved the way ECI collects image digest info from a repository in environments where proxies are configured.
- Users can now to specify a timeout when generating a private Extension Marketplace using the new `--timeout` flag.
- Removed unused internal helper tool `com.docker.admin` for Mac and Linux.

For Mac

- [Fixed an issue where stale directory cache in Docker VMM that prevented detecting moved](#)

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- Fixed a bug that caused the `docker-credential-osxkeychain` and `docker-credential-desktop` to return malformed URIs when a token was stored for a server with a port specified.

For Windows

- The Windows MSI and `.exe` installers now disable Windows Containers by default when installing with the GUI.
- Improved port-mapping throughput on WSL2.

Known issues

For Windows

- Switching to Windows Containers while the privileged helper error message is displayed could cause inconsistent state. As a workaround, quit Docker Desktop, change `UseWindowsContainers` to `false` in `settings-store.json` and restart Docker Desktop.
- After installation, `Docker Desktop.exe` does not contain the latest version information.

4.39.0

2025-03-05

New

- The [Docker Desktop CLI](#) is now generally available. You can now also print logs with the new `docker desktop logs` command.
- Docker Desktop now supports the `--platform` flag on `docker load` and `docker save`. This helps you import and export a subset of multi-platform images.

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- [Docker Scout CLI v1.16.3](#)

Security

- Fixed [CVE-2025-1696](#) which could disclose proxy authentication credentials in plaintext in log files.

Bug fixes and enhancements

For all platforms

- Ask Gordon now offers deeper context on Docker images, containers, and volumes, delivers faster support, and enables more user actions via Docker Desktop and the Docker CLI.
- Support multi-platform images via enabling users to pick a specific platform in `docker history`
- Fixed an issue that caused clients other than the CLI and Docker Desktop to see a delay of 3 seconds whenever a container with port-mappings exists. See [docker/for-mac#7575](#)
- Fixed a bug in the ECI Docker socket permissions which caused it to sometimes block Docker socket mounts on containers with allowed images, or images derived from allowed images.
- Fixed a bug that prevented Docker Desktop from entering Resource Saver mode again immediately after an engine restart.
- Fixed an issue that caused Kubernetes clusters to stop working due to expired PKI certificates.

For Mac

- Downgraded Linux kernel to `v6.10.14` to fix a bug in OpenJDK that causes Java

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- Fixed a bug that caused all Java programs running on M4 Macbook Pro to emit a SIGILL error. See [docker/for-mac#7583](#).
- Blocked startup on macOS 15.4 beta 1 since starting VMs will cause the host to crash, see https://developer.apple.com/documentation/macos-release-notes/macos-15_4-release-notes#Virtual-Machines.
- Fixed an issue where the myIPAddress PAC file function retrieved the host IP from the wrong interface, causing incorrect proxy selection.

For Windows

- Fixed a bug that prevented `docker compose log` to stream when running apps in WSL.
- Fixed a bug where Paketo buildpacks failed with Enhanced Container Isolation when Docker Desktop uses WSL.
- Fixed a bug where the WSL 2 integration would fail if WSL Version 1 distributions are installed.
- Fixed a bug that caused some CLI plugins update to fail if WSL distributions were enabled.
- Fixed a bug where Docker Desktop sign-in would hang when using a PAC file for proxy configuration, causing a blurred UI and blocking access.

For Linux

- The **Software Updates** page in settings, now points to the latest available version available.

4.38.0

2025-01-30

New

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- [Bake](#) is now generally available, with support for entitlements and composable attributes.
- You can now create [multi-node Kubernetes clusters](#) in Docker Desktop.
- [Ask Gordon](#) is more widely available. It is still in Beta.

Upgrades

- [containerd v1.7.24](#)
- [Docker Buildx v0.20.1](#)
- [Docker Compose v2.32.4](#)
- [Docker Engine v27.5.1](#)
- [Docker Scout CLI v1.16.1](#)
- [Runc v1.2.2](#)
- [NVIDIA Container Toolkit v1.17.4](#)
- [Kubernetes v1.31.4](#)
- Docker Debug `v0.0.38`

Bug fixes and enhancements

For all platforms

- Fixed a bug where access tokens generated by the `docker login` web flow could not be refreshed by Docker Desktop.
- Fixed a bug where container creation via the Docker API using `curl` failed when [Enhanced Container Isolation](#) was enabled.
- Fixed a bug where the RAM policy was not refreshed after the refresh period had elapsed.

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- Fixed a bug where the `pac` setting was ignored in `admin-settings.json`.
- Build UI:
 - Added a progress status when importing a build.
 - Fixed a bug where users were unable to import builds.
 - Fixed a bug where some builders using SSH endpoints were not skipped.

For Mac

- Fixed a bug in Docker VMM where bind-mounts from non-root volumes would weren't working as expected.
- Fixed an issue that caused startup failures on systems without IPv6. Fixes [docker/for-mac#14298](#).
- Fixed a bug that caused Docker Desktop to hang. See [docker/for-mac#7493](#).
- Fixed an issue where the uninstaller would fail if the settings file is missing.
- Fixed a bug where config profiles deployed via Workspace One were ignored.

For Windows

- The Docker Desktop installer will now present a UAC prompt when launched.
- Fixed an issue where Docker Desktop would fail to start for data disks created with old WSL versions that shared the same identifier as other WSL distros.
- Docker Desktop now restarts when WSL integration settings are changed. This ensures proper setup of WSL integration when using Enhanced Container Isolation.

For Linux

- Added support for gvisor networking. Users with an incompatible version of qemu (8.x) will

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4.37.2

2025-01-09

Bug fixes and enhancements

For Mac

- Prevents a bug that caused Docker Desktop to not update `com.docker.vmnetd` or `com.docker.socket` to newer versions.

Known issues

For Mac

- If you're seeing a security popup about malware on `com.docker.vmnetd` or `com.docker.socket`, follow the steps documented in [docker/for-mac#7527](#).

4.37.1

2024-12-17

Bug fixes and enhancements

For all platforms

- Fixed an issue that caused the AI Catalog in Docker Hub to be unavailable in Docker Desktop.
- Fixed an issue that caused Docker Desktop to panic with `index out of range [0] with length 0` when using [Enhanced Container Isolation](#).

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2024-12-12

New

- You can now perform key operations such as starting, stopping, restarting, and checking the status of Docker Desktop directly from the [command line](#) (Beta).
- The AI Catalog in Docker Hub is available directly through Docker Desktop.

Upgrades

- [Docker Buildx v0.19.2](#)
- [Docker Compose v2.31.0](#)
- [Docker Engine v27.4.0](#)
- [Docker Scout CLI v1.15.1](#)
- [NVIDIA Container Toolkit v1.17.2](#)

Bug fixes and enhancements

For all platforms

- The default disk usage limit for Docker Engine in new installations is now 1TB.
- Fixed an issue where containers could not establish loopback `AF_VSOCK` connections.
- Fixed a bug where resetting default settings would also reset the CLI context.
- Fixed a bug where the Docker Desktop Dashboard would get out of sync with the Docker daemon after restarting the engine while in Resource Saver mode (Windows with WSL2 backend only) or after switching engines (macOS).

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- Fixed a bug where timestamps would be broken in the **Logs** tab.

For Mac

- Fixed a bug that would create certain user directories with root permission when running the uninstaller binary twice with `sudo`.

For Windows

- Added support for Windows on ARM using WSL 2 version 2.3.24 and later to single distribution mode on WSL 2.
- Fixed an issue where Docker Desktop would fail to start. Fixes [docker/for-win#14453](#)

Known issues

For all platforms

- Kubernetes cluster may not start if **Registry Access Manager** is enabled. As a workaround, add `registry.k8s.io` and `<geo>-docker.pkg.dev` to **Registry Access Management** policies.

For Mac

- If you're seeing a security popup about a malware on `com.docker.vmnetd` or `com.docker.socket`, follow the steps documented in [docker/for-mac#7527](#).

Deprecation

For Mac

- QEMU (Legacy) as a VMM on Apple Silicon will be removed in a future version. It is recommended that you switch to the Apple Virtualization Framework for increased

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2025-01-09

Bug fixes and enhancements

For Mac

- Prevents a bug that caused Docker Desktop to not update `com.docker.vmnetd` or `com.docker.socket` to newer versions.

Known issues

For Mac

- If you're seeing a security popup about malware on `com.docker.vmnetd` or `com.docker.socket`, follow the steps documented in [docker/for-mac#7527](#).

4.36.0

2024-11-18

New

- Existing Docker Desktop installations using the WSL2 engine on Windows are now automatically migrated to a unified single-distribution architecture for enhanced consistency and performance.
- Administrators can now:
 - Enforce sign-in with macOS [configuration profiles](#) (Early Access).
 - Enforce sign-in for more than one organization at a time (Early Access).
 - Deploy Docker Desktop for Mac in bulk with the [DKC installer](#) (Early Access).

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Upgrades

- [Docker Buildx v0.18.0](#)
- [Docker Compose v2.30.3](#)
- [Kubernetes v1.30.5](#)
- [NVIDIA Container Toolkit v1.17.0](#)
- [Docker Scout CLI v1.15.0](#)
- Docker Init v1.4.0
- Linux kernel `v6.10.13`

Bug fixes and enhancements

For all platforms

- Fixed a bug where the `docker events` command would not terminate after streaming the events.
- Docker Init: Improved Dockerfile caching for PHP applications that don't use Docker Compose.
- Synchronized file shares now respects the `filesharingAllowedDirectories` setting in `admin-settings.json`.
- Fixed an issue where if Docker Desktop is configured to use a proxy, it fails to start due to an internal timeout while fetching authentication tokens.
- Added a recovery banner to retry an update if the download failed.
- Fixed an issue where if the `umask` is set to `577` it would cause `rpmbuild` failure. Fixes [docker/for-mac#6511](#).

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- The **Source** tab now supports multiple source files.
- Links for image dependencies in the **Info** tab now support other well-known registries such as GitHub, Google, and GitLab.
- Disabled the **Delete** button if only cloud builds are selected.
- Fixed an issue where users were unable to delete builds.
- Fixed malformed Jaeger traces that were missing events and links.
- Fixed missing export attributes when building with the cloud driver.

For Mac

- Fixed a bug in Docker VMM that prevented MySQL and other databases containers to start. Fixes reports from [docker/for-mac#7464](#).
- The minimum memory requirement is now automatically adjusted for Docker VMM, improving the user experience and addressing reports from [docker/for-mac#7464](#), [docker/for-mac#7482](#).
- Fixed a bug where the advanced option **Allowed privileged port mapping** was not working as expected. Fixes [docker/for-mac#7460](#).
- Docker Desktop can now automatically configure shell completion scripts for zsh, bash and fish inside the install wizard and settings screen.
- Fixed a bug where the in-app update would fail if Docker Desktop was installed by a non-admin user or if the current user was previously an administrator. Fixes [for-mac/#7403](#) and [for-mac/#6920](#)

For Windows

- Fixed a bug preventing UDP port 53 to be bound.

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For Mac

- Prevents a bug that caused Docker Desktop to not update `com.docker.vmnetd` or `com.docker.socket` to newer versions.

Known issues

For Mac

- If you're seeing a security popup about malware on `com.docker.vmnetd` or `com.docker.socket`, follow the steps documented in [docker/for-mac#7527](#).

4.35.1

2024-10-30

For all platforms

- Fixed a bug where Docker Desktop would incorrectly bind to port `8888`. Fixes [docker/for-win#14389](#) and [docker/for-mac#7468](#)

4.35.0

2024-10-24

New

- Support for [Docker Desktop on Red Hat Enterprise Linux](#) is now generally available.
- Volume Backup and Share is now generally available and can be found in the **Volumes** view.

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- [Docker Buildx v0.17.1](#)
- [Docker Compose v2.29.7](#)
- [Docker Engine v27.3.1](#)
- [Docker Scout CLI v1.14.0](#)
- Docker Debug `v0.0.37`
- Linux kernel `v6.10.9`

Bug fixes and enhancements

For all platforms

- Fixed a bug where proxy settings in `daemon.json` would override proxies set in Docker Desktop settings.
- Fixed a bug where some Docker subnet ranges were not able to be used.
- Removed [docker-index](#) as it is now deprecated, you can use `docker scout cves fs://<path to binary>` instead.
- Fixed a bug where images couldn't be sorted or filtered by tag. Fixes [docker/for-win#14297](#).
- Fixed a bug where the `docker` CLI did not work as expected when the `registry.json` file was malformed.
- Fixed a bug where the **Push to Docker Hub** action in the **Images** view would result in an `invalid tag format` error. Fixes [docker/for-win#14258](#).
- Fixed an issue where Docker Desktop startup failed when ICMPv6 setup was not successful.
- Added drivers that allow USB/IP to work.

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- Improve visualization for the build time charts.
- Image tags added to **Build results** section under the **Info** tab.
- Improved efficiency of host-side disk utilization for fresh installations on Mac and Linux.
- Fixed a bug that prevented the Sign in enforcement popup to be triggered when token expires.
- Fixed a bug where containers would not be displayed in the GUI immediately after signing in when using [enforced sign-in](#).
- `settings.json` has been renamed to `settings-store.json`
- The host networking feature no longer requires users to be signed-in in order to use it.

For Mac

- Fixed a bug where auto-start containers could be misconfigured after changing filesharing type in settings.
- Fixed a bug that would cause `~/docker/cli-plugins` to not be populated on start-up.
- Fixed a bug that prevented php composer or postgres to start as non root user. Fixes [docker/for-mac#7415](#).
- Fixed a bug that could cause file changed on the host to appear truncated. Fixes [docker/for-mac#7438](#).

For Windows

- New installations of Docker Desktop for Windows now require a Windows version of 19045 or later.
- Fixed an issue that caused a start failure if IPv6 is disabled either in the kernel config or via the kernel command-line in WSL. Fixes [docker/for-win#14240](#)

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Known issues

For Mac

- Since version 4.34.0, the toggle "Allow privileged port mapping" in the Advanced settings does not work. For more information, see [docker/for-mac#7460](#).

For Windows

- Users with versions 4.14.0 and earlier could encounter issues using the in-app update. To update to the latest version, download and install the latest Docker Desktop from this page.

4.34.4

2025-01-09

Bug fixes and enhancements

For Mac

- Prevents a bug that caused Docker Desktop to not update `com.docker.vmnetd` or `com.docker.socket` to newer versions.

Known issues

For Mac

- If you're seeing a security popup about malware on `com.docker.vmnetd` or `com.docker.socket`, follow the steps documented in [docker/for-mac#7527](#).

4.34.3

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Security

- Fixed [CVE-2024-9348](#) which allows RCE via image build details source information
- Fixed NVIDIA Container Toolkit [CVE-2024-0132](#)
- Fixed NVIDIA Container Toolkit [CVE-2024-0133](#)

4.34.2

2024-09-12

Bug fixes and enhancements

For all platforms

- Fixed a bug where `docker compose up` would become unresponsive while in Resource Saver mode.

Security

- Fixed [CVE-2024-8695](#) which allows RCE via crafted extension description/changelog which could be abused by a malicious extension.
- Fixed [CVE-2024-8696](#) which allows RCE via crafted extension publisher-url/additional-urls which could be abused by a malicious extension.

4.34.1

2024-09-05

[Download Docker Desktop](#)

[Windows \(checkboxes\)](#)

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[win#14034](#)).

4.34.0

2024-08-29

New

- [Host networking](#) support on Docker Desktop is now generally available.
- If you authenticate via the CLI, you can now authenticate through a browser-based flow, removing the need for manual PAT generation.
- Windows now supports automatic reclamation of disk space in Docker Desktop for WSL2 installations [using a managed virtual hard disk](#).
- Deploying Docker Desktop via the [MSI installer](#) is now generally available.
- Two new methods to [enforce sign-in](#) (windows registry key and `.plist` file) are now generally available.
- Fresh installations of Docker Desktop now use the containerd image store by default.
- [Compose Bridge](#) (Experimental) is now available from the Compose file viewer. Easily convert and deploy your Compose project to a Kubernetes cluster.

Upgrades

- [Docker Engine v27.2.0](#)
- [Docker Compose v2.29.2](#)
- [containerd v1.7.20](#)

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- Fixed a bug that caused the CLI to become idle when a container was started with `AutoRemove (--rm)` but whose port bindings would be rejected by Docker Desktop at start-up.
- Fixed a bug where diagnostics collection would fail sporadically on the **Support** screen.
- Fixed a bug where folders wouldn't expand in a container's **File** tab. Fixes [docker/for-win#14204](#).
- In-app updates now respect the proxy settings.
- Extended the ECI Docker socket mount permissions feature to optionally child images derived from allowed images. This allows ECI to work with buildpacks (e.g., Paketo) that create ephemeral local images that use Docker socket mounts.
- Fixed a bug that caused the **Containers** view to flash when using certain proxy settings. Fixes [docker/for-win#13972](#).
- Improved the output of `docker image list` to show multi-platform-related image information.

For Mac

- Fixed a bug where a `Partial repair error` would occasionally appear when triggering the Configuration integrity check feature.
- Configuration integrity check feature now shows information on why the Docker socket is mis-configured.
- Fixed an issue where the Configuration integrity check feature would report the system path instead of the user path if Docker Desktop is installed as `User`.
- Fixed a bug where applications trying to read extended attributes from bind mounted volumes could experience failures. Fixes [docker/for-mac#7377](#).

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- Fixed an issue that caused WSL to update in each startup. Fixes [docker/for-win/13868](#), [docker/for-win/13806](#).

Known issues

- Compose Bridge does not work automatically when you enable it within the **Experimental** settings tab. It takes a few minutes before you are notified that you must 'repair' Docker Desktop which then installs the `compose-bridge` binary.
- The **Convert and Deploy** button in the Compose file viewer might be disabled even when Kubernetes is running and Compose Bridge is enabled. The workaround for this is to disable Compose Bridge in the **Experimental** settings tab, apply the change with **Apply & restart**, then re-enable and select **Apply & restart** again.
- There is a known issue when authenticating against a registry in the Docker CLI (`docker login [registry address]`) where, if the provided registry address includes a repository/image name (such as `docker login index.docker.io/docker/welcome-to-docker`), the repository part (`docker/welcome-to-docker`) is not normalized and results in credentials being stored incorrectly, which causes subsequent pulls from the registry (`docker pull index.docker.io/docker/welcome-to-docker`) to not be authenticated. To prevent this, don't include any extraneous suffix in the registry address when running `docker login`.

Note

Using `docker login` with an address that includes URL path segments is not a documented use case and is considered unsupported. The recommended usage is to specify only a registry hostname, and optionally a port, as the address for `docker login`.

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- The new [ECI Docker socket mount permissions for derived images](#) feature does not yet work when Docker Desktop is configured with the **Use containerd for pulling and storing images**. This will be fixed in the next Docker Desktop release.

4.33.2

2025-01-09

Bug fixes and enhancements

For Mac

- Prevents a bug that caused Docker Desktop to not update `com.docker.vmnetd` or `com.docker.socket` to newer versions.

Known issues

For Mac

- If you're seeing a security popup about malware on `com.docker.vmnetd` or `com.docker.socket`, follow the steps documented in [docker/for-mac#7527](#).

4.33.1

2024-07-31

Bug fixes and enhancements

For Windows

- Added support for WSL2 2.3.11 and above, which includes loadable kernel modules. Fixes

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New

- [Docker Debug](#) is now generally available.
- BuildKit now evaluates Dockerfile rules to inform you of potential issues.
- **Resource Allocation** settings can now be accessed directly from the resource usage data displayed in the Dashboard footer.
- New and improved experience for [troubleshooting](#).

Upgrades

- [Docker Compose v2.29.1](#)
- [Docker Engine v27.1.1](#)
- [containerd v1.7.19](#)
- [NVIDIA Container Toolkit v1.16.0](#)
- [Docker Scout CLI v1.11.0](#)
- [Kubernetes v1.30.2](#)
- Linux kernel `v6.10`

Bug fixes and enhancements

For all platforms

- Fixed an issue that caused containers started with `--net=host` and listening on an IPv6 address to be accessible from the host.
- Improved the UX for enabling the containerd image store in the **Settings** tab.
- Fixed an issue that caused a deadlock seen while using the `grpcfuse` filesharing option

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- VirtioFS performance improvements include increasing directory cache timeout, handling change notifications from the host, removing extra FUSE operations for security.capability attributes, optimizing host event detection, and providing an API to clean caches after container termination.
- Docker Desktop now notifies when there is a port conflict in a host networking container.
- Compose Bridge command line option is now available via Experimental features. When enabled, run `compose-bridge` to convert your Compose configuration to Kubernetes resources.
- Builds view:
 - Added [build checks](#) to the build details' **Source** tab.
 - Added build tags to the build details' **Info** tab under the **Source details** section.
 - Newly imported builds are now highlighted.
 - Improved performance of error message handling.
 - Fixed a connection issue to the builder which prevented build records from displaying.
 - Fixed the navigation when opening builds through the CLI.

For Mac

- The Configuration integrity check feature now provides more context around what has changed with your Docker Desktop configuration. For more information, see the [FAQs](#).
- The Configuration integrity check feature shows an error when it fails to repair Docker Desktop.
- Fixed a bug where the IPv6 TCP was set to `host.docker.internal`. Fixes [docker/for-mac#7332](#).
- Fixed an issue where the `docker-compose` symlink pointed to an empty location. Fixes

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Security

For all platforms

- Includes a fix for AuthZ Plugin Bypass Regression in Docker Engine. For more information, see [CVE-2024-41110](#).

For Windows

- Fixed an issue where some `wincrd` values were persisted after uninstall. Reported by Javier Yong [@Javiery3889](#).

Known Issues

For Windows

- Docker Desktop fails to start with WSL pre-releases `v2.3.11.0` and `v2.3.12.0`, which is included in Windows 11 Insider. To fix this ensure WSL `v2.2.4.0` is installed. For more information, see [microsoft/WSL#11794](#). This affects Docker Desktop 4.33.0 and earlier.

4.32.1

2025-01-09

Download Docker Desktop

[Mac with Apple chip \(checksum\)](#)

[Mac with Intel chip \(checksum\)](#)

Bug fixes and enhancements

For Mac

- Prevents a bug that caused Docker Desktop to not update `com.docker.vmnetd` or

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4.32.0

2024-07-04

New

- Docker Engine and CLI updated to version 27.0.
- Docker Desktop now supports moving data to a different drive on macOS and Windows with WSL2 backend. See [docker/for-win#13384](#).
- You can now [schedule backups for volume exports](#) in the **Volumes** tab (Beta).
- Access a terminal shell directly from Docker Desktop (Beta).

Upgrades

- [Docker Buildx v0.15.1](#)
- [Docker Compose v2.28.1](#)
- [Docker Scout CLI v1.10.0](#)
- [Docker Engine v27.0.3](#)
- [Docker Init v1.3.0](#)

Bug fixes and enhancements

For all platforms

- Improved instructions for `watch` in the Compose File Viewer
- Added support for Golang projects that don't have dependencies in Docker Init. Addresses [docker/roadmap#611](#)

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- Improved the error message when trying to connect to an already connected Docker Build Cloud builder.
- Fixed an issue where build records would disappear unexpectedly.
- Fixed an issue that prevented users from being able to re-open an [imported build](#).
- Fixed an issue where build details were not displayed when a build's state had changed from running to completed.
- Fixed malformed build source link in build details.
- Fixed missing build stats for named contexts.
- Fixed image index/manifest not being displayed anymore in build results.
- Fixed an issue where build traces exported from the UI would appear as a single, flattened list when imported to Jaeger
- Fixed truncated digest/sha in build details.
- Fixed final status animation of active builds.

For Windows

- Fixed an issue on the WSL 2 engine where Docker Desktop would not detect the existence of the `docker-desktop-data` distribution if it had been manually moved by the user.
- The Windows on ARM installer and the [privileged service](#) are now built for ARM64.

For Mac

- Re-added `CONFIG_DM_CRYPT` kernel module.
- Re-added `CONFIG_PSI` kernel module.
- Re-added `CONFIG_GTP` kernel module.

Re-added `CONFIG_NET_BRIDGE_META` kernel module.

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- Fixed fatal errors with some `AMD64` Java images. Fixes [docker/for-mac/7286](#) and [docker/for-mac/7006](#).
- Fixed an issue that caused Docker Desktop to remove `Docker.app` when installing from `/Applications`.
- Fixed an issue that caused bind mounts to fail. Fixes [docker/for-mac#7274](#).

Known issues

For all platforms

- The **Manage Synchronized File Shares with Compose** setting is automatically enabled for all users who opt into **Access experimental features**. This converts all bind mounts into synchronized file shares. To disable this behavior, deselect **Access experimental features**. Then, manually delete any file shares by going to the **File sharing** tab within **Resources**, navigating to the **Synchronized file shares** section, selecting the file shares you want to remove, and selecting **Delete**.

For Mac

- When running `docker-compose` after an update, it will return `command not found`. As a workaround, you can create the following symlink: `sudo ln -sf /Applications/Docker.app/Contents/Resources/cli-plugins/docker-compose /usr/local/bin/docker-compose`

4.31.1

Bug fixes and enhancements

For Windows

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- Docker Compose File Viewer shows your Compose YAML with syntax highlighting and contextual links to relevant docs (Beta, progressive rollout).
- New Sidebar user experience.

Upgrades

- [Docker Engine and CLI v26.1.4](#).
- [Docker Scout CLI v1.9.1](#)
- [Docker Compose v2.27.1](#)
- [Docker Buildx v0.14.1](#)
- [Containerd v1.6.33](#)
- [Credential Helpers v0.8.2](#)
- [NVIDIA Container Toolkit v1.15.0](#)
- [Go 1.22.4](#)
- Linux kernel `v6.6.31`

Bug fixes and enhancements

For all platforms

- Newer releases are now displayed in the **Software updates** settings tab when an update has already been downloaded.
- Added `proxyEnableKerberosNTLM` config to `settings.json` to enable fallback to basic proxy authentication if Kerberos/NTLM environment is not properly set up.
- Fixed a bug where Docker Debug was not working properly with Enhanced Container

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- Fixed a bug where a bind mounted file modified on host is not updated after the container restarts, when gRPC FUSE file sharing is used on macOS and on Windows with Hyper-V. Fixes [docker/for-mac#7274](#), [docker/for-win#14060](#).
- Builds view:
 - New [Import builds](#) feature that lets you import build records for builds by other people, or [builds in a CI environment](#).
 - Fixed missing OpenTelemetry traces in build results for failed builds.
 - Fixed `default-load` appearing as invalid driver-opt for the container driver.
 - Fixed deep link to build details.

For Windows

- Changed the `--allowed-org` installer flag to write a policy registry key instead of to the `registry.json`.

For Mac

- Moved the setting **Automatically check configuration** from **Advanced** settings to **General** settings.
- Improved VirtioFS caching by implementing longer attributes timeout and invalidation.

For Linux

- Added Linux headers to the VM, to ease the compilation of custom kernel modules.

Security

For all platforms

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For Windows

- Fixed [CVE-2024-5652](#) in which a user in the `docker-users` group can cause a Windows Denial-of-Service through the `exec-path` Docker daemon config option in Windows containers mode. This vulnerability was discovered by Hashim Jawad ([@ihack4falafel](#)) working with Trend Micro Zero Day Initiative.

Deprecation

For all platforms

- The CLI binary that used to be shipped as `com.docker.cli` is now shipped simply as `docker`. This release leaves the CLI binary as `com.docker.cli`, but it will be removed next release.

For Windows

- Removed support for legacy version packs from the WSL2 engine.

Known Issues

For Windows

- When upgrading to Docker Desktop 4.31.0, existing containers, images and volumes become invisible for users that created those containers and images using Docker Desktop 4.8.0 or lower, on Windows hosts with WSL only. The data is not lost, it just becomes invisible to Docker Desktop 4.31.0. If impacted, downgrade to version 4.30 or earlier. For more information see: [docker/for-win#14118](#).

For Linux

- [Ubuntu 24.04 LTS is not yet supported. Docker Desktop will fail to start. Due to a change in](#)

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New

For all platforms

- Docker Desktop now supports [SOCKS5 proxies](#). Requires a Business subscription.
- Added a new setting to manage the onboarding survey in [Settings Management](#).

For Windows

- Added support for [Kerberos and NTLM proxy authentication](#) on Windows. Requires a Business subscription.

Upgrades

- [Docker Compose v2.27.0](#)
- [Docker Engine v26.1.1](#)
- [Wasm](#) runtimes:
 - Updated `runwasi` shims to `v0.4.0`
 - Updated `deislabs` shims to `v0.11.1`
 - Updated `spin` shim to `v0.13.1`
- [Docker Scout CLI v1.8.0](#)
- Docker Debug `v0.0.29`
- Linux kernel `v6.6.26`
- [Go 1.22.2](#)

Bug fixes and enhancements

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- Fixed a bug where `docker stats --no-stream` hung when Docker Desktop was in Resource Saver mode.
- Fixed a bug in the self-diagnose CLI that incorrectly showed the VM had not started. Fixes [docker/for-mac#7241](#).
- Fixed a bug where high-throughput port forward transfers could stall. Fixes [docker/for-mac#7207](#).
- Fixed CLI-plugin symlinks not being removed when CLI apps were removed.
- Fixed a bug in the shared ports drawer to show the right message for local engines.
- Dev Environments is being sunset and has moved to the **Beta** tab in **Features in development**.
- Builds view:
 - Better bulk delete for build records.
 - Added action to open the relevant web page for container images and Git sources in build dependencies.
 - Added action to download Provenance and OpenTelemetry traces in Jaeger or OTLP format.
 - Fixed source details for remote build invocations.
 - Fixed a bug where multi-platform builds would show up as separate records when using a cloud builder.

For Mac

- Fixed a bug where a segmentation fault was triggered with Virtualization Framework, on post-2019 Macs. See [docker/for-mac#6824](#).
- Enabled `CONETG_SECURITY=v` kernel config for example for [Tetraon](#). Fixes [docker/for-](#)

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For Windows

- Added a simplified provisioning mode for WSL2 that avoids the need for the ancillary `docker-desktop-data` WSL distribution (experimental).
- Fixed bash completions for the Docker CLI in a WSL environment.
- Fixed a regression in Docker Desktop 4.28 that caused host files bind-mounted into containers to not show up properly inside the container, when using Docker-in-Docker (via mounts of `/var/run/docker.sock`) on WSL.
- Fixed a bug that would cause the following error `merging settings: integratedWslDistros type mismatch`.

Known issues

For all platforms

- If you have enabled a feature in Docker Desktop that requires you to be signed in, such as **Host networking** you must remain signed in to use Docker Desktop. To continue using Docker Desktop or to modify these settings, ensure you are signed in.
- To enable or disable **Manage Synchronized file shares with Compose, Access experimental features** and **Manage Synchronized file shares with Compose** have to be checked or unchecked at the same time.
- The Docker CLI will sometimes hang when running a container with the autoremove option (`--rm`) if the container fails to start (e.g.: `docker run --rm alpine invalidcommand`). In this case, the CLI process may need to be manually killed.

For Windows

- When starting Docker Desktop as a non-admin user, the following error connect `ENOENT` `\\.\pipe\errorReporter` might be triggered if the user is not a member of the `docker-`

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- Ubuntu 24.04 LTS is not yet supported, Docker Desktop will fail to start. Due to a change in how the latest Ubuntu release restricts the unprivileged namespaces, `sudo systemctl -w kernel.apparmor_restrict_unprivileged_userns=0` needs to be ran at least once. Refer to the [Ubuntu Blog](#) for more details.

4.29.0

2024-04-08

New

- You can now enforce Rosetta usage via [Settings Management](#).
- [Docker socket mount restrictions](#) with ECI is now generally available.
- Docker Engine and CLI updated to [Moby 26.0](#). This includes Buildkit 0.13, sub volumes mounts, networking updates, and improvements to the containerd multi-platform image store UX.
- New and improved Docker Desktop error screens: swift troubleshooting, easy diagnostics uploads, and actionable remediation.
- Compose supports [Synchronized file shares \(experimental\)](#).
- New [interactive Compose CLI \(experimental\)](#).
- Beta release of:
 - Air-Gapped Containers with [Settings Management](#).
 - [Host networking](#) in Docker Desktop.
 - [Docker Debug](#) for running containers.
 - [Volumes Backup & Share extension](#) functionality available in the **Volumes** tab.

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- [Buildx v0.13.1](#)
- [Kubernetes v1.29.2](#)
- [cri-dockerd v0.3.11](#)
- Docker Debug v0.0.27

Bug fixes and enhancements

For all platforms

- Fixed an issue with dropdown menu opening beyond the application window.
- Docker Init:
 - Updated the formatting of CLI output to improve legibility.
 - Fixed an issue with `.dockerignore` to avoid ignoring application files that start with "compose".
 - Improved how Java applications are started based on Spring Boot version. Fixes [docker/for-mac#7171](#).
 - Removed non-official Docker image used for Rust cross-compilation.
- The maximum number of files per [Synchronized file share](#) now exceeds 2 million.
- Fixed an issue that caused the warning: "*The value provided to Autocomplete is invalid.*" when selecting the **Export to local image** field.
- **Run Cloud** can now be accessed from the Docker Desktop Dashboard.
- Opting out from sending analytics will now also disable collecting data for bug reports.
- You can now share and unshare a port to the Cloud Engine in the **Containers** view.
- Shared cloud can now be accessed from the footer in the right-hand side of the **Dashboard**.

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- Fixed the placement of the secondary menu in the **Images** and **Containers** lists.
- Fixed a race condition that occurred when starting Docker Desktop with QEMU.
- Improved the error message when an image pull is blocked by Registry Access Management policy.
- Re-add `CONFIG_BONDING=y` in the kernel config.

For Mac

- Fixed Kubernetes not starting successfully. Fixes [docker/for-mac#7136](#) and [docker/for-mac#7031](#).
- Fixed a bug when the browser was not able to send back authentication information to Docker Desktop. Fixes [docker/for-mac/issues#7160](#).

For Windows

- Fixed a bug where `docker run -v` would fail after switching between WSL 2 and Hyper-V.
- Fixed a bug where Docker Desktop was not stopping its WSL distributions (`docker-desktop` and `docker-desktop-data`) when it was shutdown. Fixes [docker/for-win/issues/13443](#) and [docker/for-win/issues/13938](#).

For Linux

- Fixed an issue that caused the list of available experimental features in the UI to become out-of-sync with the backend data.

Security

- Disabled Electron `runAsNode` fuse to improve security hardening. For more info, see [Electron's documentation](#).

Fixed [CVE-2024-6999](#) which allows an attacker who has gained access to the Docker

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- Docker Desktop on Apple Silicon doesn't start if Rosetta is not installed. This will be fixed in future releases. See [docker/for-mac#7243](#).

4.28.0

2024-02-26

New

- [Settings Management](#) now allows admins to set the default file-sharing implementation and specify which paths developer can add file shares to.
- Added support for `socks5://` HTTP and HTTPS proxy URLs when the [SOCKS proxy support beta feature](#) is enabled.
- Users can now filter volumes to see which ones are in use in the **Volumes** tab.

Upgrades

- [Compose v2.24.6](#)
- [Docker Engine v25.0.3](#)
- [Docker Scout CLI v1.5.0](#)
- [Qemu 8.1.5](#)
- [Wasm runtimes](#):
 - Updated runwasi shims to `v0.4.0`, including:
 - wasmtime `v17.0`, with initial support for WASI preview 2
 - wasmedge `v0.13.5`

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- `wws` `v1.7.0`

Bug fixes and enhancements

For all platforms

- Fixed `postgis` with `Qemu`. Fixes [docker/for-mac#7172](#).
- Re added `CONFIG_BLK_DEV_DM` kernel config for `kpartx`. Fixes [docker/for-mac#7197](#).
- Allow `SOCKS` proxies to be set via a proxy autoconfig `pac file`.
- Re added `CONFIG_AUDIT` kernel config.
- Fixed a bug with the Rust build on `virtiofs`. See [rust-lang/docker-rust#161](#).
- Fixed an issue that caused the `missing registry authentication` error when pulling Kubernetes images.
- Fixed an issue that caused Docker Compose commands to hang.
- Fixed a bug in `docker build` that caused Docker Desktop to crash. Fixes [docker/for-win#13885](#), [docker/for-win#13896](#), [docker/for-win#13899](#), [docker/for-mac#7164](#), [docker/for-mac#7169](#)
- Docker Init:
 - Improved how Java applications are started based on Spring Boot version. Fixes [docker/for-mac#7171](#).
 - Removed non-official Docker image used for Rust cross-compilation
- Builds view:
 - Active and completed builds can be found in dedicated tabs.
 - Build details now displays build duration and cache steps.

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- Fixed a bug that caused a crash on the `virtualization.framework`. Fixes [docker/for-mac#7024](#)

For Windows

- Fixed an issue with DNS timeouts on Windows.
- Added support for Enhanced Container Isolation Docker socket mount permission on WSL user distributions.
- Fixed an issue that caused the `failed to get console mode` error when redirecting output from the CLI.
- Fixed an issue with the engine socket permissions when mounted inside containers. Fixes [docker/for-win#13898](#)

Known Issues

For Windows

- In dark mode, the **Disk image location** in **Resources>Advanced** settings is not visible. As a workaround, change to light mode.

4.27.2

2024-02-08

Upgrades

- [Compose v2.24.5](#)
- [Docker Scout CLI v1.4.1](#)

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- Fixed a bug where the default settings values were being reset to default on startup, when using Settings Management.
- Fixed a bug with the dashboard being shown at startup even though the **Open Docker Dashboard when Docker Desktop starts** option was disabled. Fixes [docker/for-win#13887](#).
- Fixed a bug in the build backend service that caused Docker Desktop to crash. Fixes [docker/for-win#13885](#), [docker/for-win#13896](#), [docker/for-win#13899](#), [docker/for-mac#7164](#), [docker/for-mac#7169](#).
- Fixed the Docker Engine socket permissions when mounted inside containers. Fixes [docker/for-win#13898](#).
- Docker Scout:
 - Updated dependencies to address Leaky Vessels series of CVEs ([CVE-2024-21626](#), [CVE-2024-24557](#))
 - Added initial VEX document to document false positive [CVE-2020-8911](#) and [CVE-2020-8912](#)
 - Added support for cosign SBOM attestations
 - Added support for VEX in-toto attestations
- Docker Debug:
 - Fixed a bug when pulling the image behind resource accesses management
 - Fixed connection issues

For Mac

- Re-added kernel modules needed by **Istio**. Fixes [docker/for-mac#7148](#).

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Upgrades

- [Docker Engine v25.0.2](#) which contains a fix for [CVE-2024-24557](#), [CVE-2024-23650](#), [CVE-2024-23651](#), [CVE-2024-23652](#) and [CVE-2024-23653](#)
- [Containerd v1.6.28](#)
- [Runc v1.1.12](#) which contains a fix for [CVE-2024-21626](#)

Bug fixes and enhancements

For Mac

- Fixed a bug that caused Docker Desktop to hang when applying an update.

4.27.0

2024-01-25

New

- Docker init now supports Java and is generally available to all users.
- [Synchronized File Shares](#) provides fast and flexible host-to-VM file sharing within Docker Desktop. Utilizing the technology behind [Docker's acquisition of Mutagen](#), this feature provides an alternative to virtual bind mounts that uses synchronized filesystem caches, improving performance for developers working with large codebases.
- Organization admins can now [configure Docker socket mount permissions](#) when ECI is enabled.
- [Containerd Image Store](#) support is now generally available to all users.

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- [Buildx v0.12.1](#)
- [Containerd v1.6.27](#)
- [Compose v2.24.3](#)
- [Docker Credential Helpers v0.8.1](#)
- [Runc v1.1.11](#)
- [Docker Engine v25.0.0](#)
- [Kubernetes v1.29.1](#)
- [Docker Scout v1.3.0](#)

Bug fixes and enhancements

For all platforms

- The `docker scan` command has been removed. To continue learning about the vulnerabilities of your images, and many other features, use the `docker scout` command.
- Fixed a bug where automatic updates would not download when the **Always download updates** checkbox was selected.
- Fixed typo in the dashboard tooltip. Fixes [docker/for-mac#7132](#)
- Improved signal handling behavior (e.g. when pressing Ctrl-C in the terminal while running a `docker` command).
- Re-added kernel modules required by `minikube start --cni=cilium`.
- Fixed a bug that caused the installation screen to appear again when admin controls are enabled after sign in.
- Fixed a bug where Docker would not start if a shared folder is no longer present.

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- Fixed a bug where selecting **Close Application** at sign-in was leaving behind a hung backend process.
- Fixed a bug which caused Docker Desktop to become unresponsive when analytics is disabled through Settings Management.
- Docker init:
 - Added support for containerizing a Java server
 - Various fixes on Windows
- Builder settings:
 - You can now refresh storage data for your builder at any point in time.
 - You can now delete the build history for a builder.
- Builds view:
 - An error message is now shown when a build record cannot be removed.
 - Fixed an issue where a cloud builder could not be created in rootless mode on macOS.
 - Inline cache and Git source are now properly handled in the **Build timing** section of the **Info** tab.
 - The Builder used and the author invoking the build is now displayed in past builds on the **History** tab.
 - Several improvements made to better link past builds on the **History** tab.
 - Several improvements to make the build name more accurate.
 - Fixed stuck builds in the **Active builds** list when a builder cannot be reached.
 - Fixed an issue preventing the build record from being deleted in some circumstances.
 - Fixed an issue where build names could be empty

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- Fixed `ERR_WORKER_INVALID_EXEC_ARGV` error under Rosetta. [docker/for-mac#6998](#).
- Fixed a bug where Docker Desktop could deadlock if `admin-settings.json` was syntactically invalid.

For Windows

- Fixed a bug that prevented UTF-16 strings from being encoded to UTF-8 for some locales. Fixes [docker/for-win#13868](#).
- Fixed a bug where the credentials store configuration would reset on app restart with the WSL integration. Fixes [docker/for-win#13529](#).
- Fixed an issue that prevented the correct WSL engine errors from propagating to the user.
- Fixed an issue that would cause Docker Desktop to hang when quitting from Windows Containers mode.

Security

For Windows

- Mitigated several DLL side-loading vulnerabilities in the Docker Desktop installer on Windows, reported by Suman Kumar Chakraborty ([@Hijack-Everything](#))

Known issues

For all platforms

- When using Setting Management, the settings that are not set in the `admin-settings.json` will be reset to default when Docker Desktop starts.

For Mac

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Bug fixes and enhancements

For all platforms

- Updated feedback links inside Docker Desktop to ensure they continue to work correctly

For Windows

- Switch the CLI binaries to a version compatible with older versions of glibc, such as used in Ubuntu 20.04 fixes [docker/for-win#13824](#)

4.26.0

2023-12-04

New

- Administrators can now control access to beta and experimental features in the **Features in development** tab with [Settings Management](#).
- Introduced four new version update states in the footer.
- `docker init` (Beta) now supports PHP with Apache + Composer.
- The [Builds view](#) is now GA. You can now inspect builds, troubleshoot errors, and optimize build speed.

Upgrades

- [Compose v2.23.3](#)
- [Docker Scout CLI v1.2.0](#).
- [Buildx v0.12.0](#)

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- Spin is now based on Spin `v2.0.1`
- wws is now based on wws `v1.7.0`
- [Docker Engine v24.0.7](#)
- [Containerd v1.6.25](#)
- [runc v1.1.10](#)

Bug fixes and enhancements

For all platforms

- You can now provide feedback from the commandline by using `docker feedback`.
- Improved the text and position of the startup options in the **General** settings tab.
- Redesigned the dashboard's header bar, added links to other Docker resources, improved display of account information.
- Fixed a bug where enabling the containerd image store and Wasm simultaneously would not enable Wasm.
- containerd integration:
 - Fixed `docker push/pull` authentication not being sent to non-DockerHub registries in cases where `ServerAddress` is not provided.
 - Fixed `docker history` reporting wrong IDs and tags.
 - Fixed `docker tag` not preserving internal metadata.
 - Fixed `docker commit` when the daemon configured with `--userns-remap`.
 - Fixed `docker image list` to show real image creation date.
 - Added support for `-a` flag to `docker pull` (pull all remote repository tags).

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- Docker Desktop now gives more detailed information about pending updates in the dashboard footer.
- Fixed a bug in Enhanced Container Isolation mode where `docker run --init` was failing.
- Fixed a bug where a notification prompting the user to download a new version of Docker Desktop remained visible after the user started downloading the new version.
- Added a notification that indicates when Docker Desktop is installing a new version.
- Fixed a bug where the cursor changed to a pointer when the user hovered over a notification that has no call to action.

For Mac

- Fixed an issue where Rosetta would not work with PHP. Fixes [docker/for-mac#6773](#) and [docker/for-mac#7037](#).
- Fixed several issues related to Rosetta not working. Fixed [[docker/for-mac#6973](#), [[docker/for-mac#7009](#), [[docker/for-mac#7068](#) and [[docker/for-mac#7075](#)
- Improved the performance of NodeJS under Rosetta.
- Fixed the **Unable to open /proc/self/exe** Rosetta errors.
- Fixed a bug where the setting **Start Docker Desktop when you sign in** would not work. Fixes [docker/for-mac#7052](#).
- You can now enable the use of Kernel networking path for UDP through the UI. Fixes [docker/for-mac#7008](#).
- Fixed a regression where the `uninstall` CLI tool was missing.
- Addressed an issue which caused Docker Desktop to become unresponsive when analytics were disabled with Settings Management.

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- Docker CLI doesn't work when using WSL 2 integration on an older Linux distribution (for example, Ubuntu 20.04) which uses a `glibc` version older than `2.32`. This will be fixed in future releases. See [docker/for-win#13824](#).

4.25.2

2023-11-21

Bug fixes and enhancements

For all platforms

- Fixed a bug where a blank UI would appear after submitting a response in the **Welcome Survey**.

For Windows

- Fixed a bug where Docker Desktop on WSL 2 would shut down dockerd unexpectedly when idle. Fixes [docker/for-win#13789](#)

4.25.1

2023-11-13

Bug fixes and enhancements

For all platforms

- Fixed a regression in 4.25 where Docker would not start if the swap file was corrupt. Corrupt swap files will be re-created on next boot.
- Fixed a bug when swap is disabled. Fixes [docker/for-mac#7045](#). [docker/for-mac#7044](#)

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- Fixed a bug where the WSL integration would not work for users using a shell other than `sh`. See [docker/for-win#13764](#).
- Re-added `DockerCli.exe`.

4.25.0

2023-10-26

New

- Rosetta is now Generally Available for all users on macOS 13 or later. It provides faster emulation of Intel-based images on Apple Silicon. To use Rosetta, see [Settings](#). Rosetta is enabled by default on macOS 14.1 and later.
- Docker Desktop now detects if a WSL version is out of date. If an out dated version of WSL is detected, you can allow Docker Desktop to automatically update the installation or you can manually update WSL outside of Docker Desktop.
- New installations of Docker Desktop for Windows now require a Windows version of 19044 or later.
- Administrators now have the ability to control Docker Scout image analysis in [Settings Management](#).

Upgrades

- [Compose v2.23.0](#)
- [Docker Scout CLI v1.0.9](#).
- [Kubernetes v1.28.2](#)

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- Fixed a spacing problem in the **Accept License** pop-up.
- Fixed a bug where the **Notifications drawer** changed size when navigating between **Notifications list** and **Notification details** view.
- containerd integration:
 - **docker push** now supports **Layer already exists** and **Mounted from** progress statuses.
 - **docker save** is now able to export images from all tags of the repository.
 - Hide push upload progress of manifests, configs and indexes (small json blobs) to match the original push behavior.
 - Fixed **docker diff** containing extra differences.
 - Fixed **docker history** not showing intermediate image IDs for images built with the classic builder.
 - Fixed **docker load** not being able to load images from compressed tar archives.
 - Fixed registry mirrors not working.
 - Fixed **docker diff** not working correctly when called multiple times concurrently for the same container.
 - Fixed **docker push** not reusing layers when pushing layers to different repositories on the same registry.
- Docker Init:
 - Fixed outdated links to Docker documentation included in generated files
 - Add support for ASP.NET Core 8 (in addition to 6 and 7)
- Fixed a bug that caused a failure when installing Wasm shims.

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- Enhanced error messaging when an update cannot be completed if the user doesn't match the owner of `Docker.app`. Fixes [docker/for-mac#7000](#).
- Fixed a bug where **Re-apply configuration** might not work when `/var/run/docker.sock` is mis-configured.
- Docker Desktop doesn't overwrite `ECRCredentialHelper` if already present in `/usr/local/bin`.

For Windows

- Fixed an issue where **Switch to Windows Containers** would show in the tray menu on Windows Home Editions. Fixes [docker/for-win#13715](#)

For Linux

- Fixed a bug in `docker login`. Fixes [docker/docker-credential-helpers#299](#)

Known Issues

For Mac

- Upgrading to MacOS 14 can cause Docker Desktop to also update to a latest version even if the auto update option is disabled.
- Uninstalling Docker Desktop from the command line is not available. As a workaround, you can [uninstall Docker Desktop from the Dashboard](#).

For Windows

- **Switch to Windows containers** option in the tray menu may not show up on Windows. As a workaround, edit the `settings.json` file and set `"displaySwitchWinLinContainers": true`.

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2023-10-12

Bug fixes and enhancements

For all platforms

- Fixed a bug where Docker Desktop would send multiple requests to `notify.bugsnag.com`. Fixes [docker/for-win#13722](#).
- Fixed a performance regression for PyTorch.

4.24.1

2023-10-04

Bug fixes and enhancements

For Windows

- Fixed a bug on Docker Desktop for Windows where the Docker Desktop Dashboard wouldn't display container logs correctly. Fixes [docker/for-win#13714](#).

4.24.0

2023-09-28

New

- The new Notification center is now available to all users so you can be notified of new releases, installation progress updates, and more. Select the bell icon in the bottom-right corner of the Docker Desktop Dashboard to access the notification center.

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- You can now view and manage the Docker Engine state, with pause, stop, and resume, directly from the Docker Desktop Dashboard.

Upgrades

- [Compose v2.22.0](#)
- [Go 1.21.1](#)
- [Wasm](#) runtimes:
 - wasmtime, wasmedge [v0.2.0](#).
 - lunatic, slight, spin, and wws [v0.9.1](#).
 - Added wasmer wasm shims.

Bug fixes and enhancements

For all platforms

- Docker Init:
 - Fixed an issue formatting Dockerfile file paths for ASP.NET projects on Windows.
 - Improved performance on language detection for large directories with lots of files.
- Added a timeout to polling for resource usage stats used by the **Containers** view. Fixes [docker/for-mac#6962](#).
- containerd integration:
 - Implemented push/pull/save image events.
 - Implemented pulling legacy schema1 images.

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- Fixed `docker load` causing pool corruption which could cause some subsequent image related operations.
- Fixed not being able to reference images via truncated digest with a `sha256:` prefix.
- Fixed `docker images` (without `--all`) showing intermediate layers (created by the legacy classic builder).
- Fixed `docker diff` containing extra differences.
- Changed `docker pull` output to match the output with containerd integration disabled.
- Fixed a grammatical error in Kubernetes status message. See [docker/for-mac#6971](#).
- Docker containers now use all host CPU cores by default.
- Improved inter-process security in dashboard UI.

For Mac

- Fixed a kernel panic on Apple Silicon Macs with macOS version earlier than 12.5. Fixes [docker/for-mac#6975](#).
- Fixed a bug where Docker Desktop failed to start if invalid directories were included in `filesharingDirectories`. Fixes [docker/for-mac#6980](#).
- Fixed a bug where installer is creating root-owned directories. Fixes [docker/for-mac#6984](#).
- Fixed a bug where installer is failing on setting up the docker socket when missing `/Library/LaunchDaemons`. Fixes [docker/for-mac#6967](#).
- Fixed a permission denied error when binding a privileged port to a non-localhost IP on macOS. Fixes [docker/for-mac#697](#).
- Fixed a resource leak introduced in 4.23. Related to [docker/for-mac#6953](#).

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- Modified the Docker Desktop resource saver feature to skip reducing kernel memory on WSL when no containers are running, as this was causing timeouts in some cases. Instead, users are encouraged to enable "autoMemoryReclaim" on WSL directly via the `.wslconfig` file (available since WSL 1.3.10).

Known issues

For Mac

- Creating a container with the port 53 fails with the error `address already in use`. As a workaround, deactivate network acceleration by adding `"kernelForUDP": false`, in the `settings.json` file located at `~/Library/Group Containers/group.com.docker/settings.json`.

4.23.0

2023-09-11

Upgrades

- [Compose v2.21.0](#)
- [Docker Engine v24.0.6](#)
- [Docker Scout CLI v0.24.1](#).
- [Wasm runtimes](#):
 - wasmtime, wasmedge revision `d0a1a1cd`.
 - slight and spin wasm `v0.9.0`.

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- Removed Compose V1 from Docker Desktop as it has stopped receiving updates. Compose V2 has replaced it and is now integrated into all current Docker Desktop versions.

Bug fixes and enhancements

For all platforms

- With [Docker Scout](#), you can now:
 - Manage temporary and cached files with `docker scout cache`.
 - Manage environments with `docker scout environment`.
 - Configure the default organization with `docker scout config`.
 - List packages of an image with their vulnerabilities with `docker scout cves --format only-packages`.
 - Enroll an organization with Docker scout with `docker scout enroll`.
 - Stop, analyze, and compare local file systems with `docker scout cves --type fs`.
- Fixed a bug where `docker stats` would hang when Docker Desktop was in Resource Saver mode.
- Fixed a bug where turning off experimental features via **Settings** in the Docker Desktop Dashboard would not fully turn off Resource Saver mode.
- Fixed a bug where the **Containers list** action button was clipped.
- containerd image store:
 - Fixed `failed to read config content` error when interacting with some images.
 - Fixed building Dockerfiles with `FROM scratch` instruction when using the legacy classic builder (`DOCKER_BUILDKIT=0`).

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- All users on macOS 12.5 or greater now have VirtioFS turned on by default. You can revert this in **Settings** in the **General** tab.
- Improved single-stream TCP throughput.
- Reinstated the health check for macOS that notifies you if there has been a change on your system which might cause problems running Docker binaries.

For Linux

- Fixed a bug where the GUI is killed when opening the Docker Desktop app twice. See [docker/desktop-linux#148](#).

For Windows

- Fixed a bug where non-admin users would get prompted for credentials when switching to Windows Containers or after disabling WSL and switching to the Hyper-V engine. This issue would occur after an OS restart, or on a cold start of Docker Desktop.

Security

For all platforms

- Fixed [CVE-2023-5165](#) which allows Enhanced Container Isolation bypass via debug shell. The affected functionality is available for Docker Business customers only and assumes an environment where users are not granted local root or Administrator privileges.
- Fixed [CVE-2023-5166](#) which allows Access Token theft via a crafted extension icon URL.

Known Issues

- Binding a privileged port on Docker Desktop does not work on macOS. As a workaround you can expose the port on all interfaces (using `0.0.0.0`) or using localhost (using

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For all platforms

- Mitigated several issues impacting Docker Desktop startup and Resource Saver mode. [docker/for-mac#6933](#)

For Windows

- Fixed `Clean / Purge data` troubleshoot option on Windows. [docker/for-win#13630](#)

4.22.0

2023-08-03

Upgrades

- [Buildx v0.11.2](#)
- [Compose v2.20.2](#)
- [Docker Engine v24.0.5](#)

Note

In this release, the bundled Docker Compose and Buildx binaries show a different version string. This relates to our efforts to test new features without causing backwards compatibility issues.

For example, `docker buildx version` outputs `buildx v0.11.2-desktop.1`.

New

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- Fixed a bug where turning on Kubernetes from the UI failed when the system was paused.
- Fixed a bug where turning on Wasm from the UI failed when the system was paused.
- Bind mounts are now shown when you [inspect a container](#).
- You can now download Wasm runtimes when the containerd image store is enabled.
- With [Quick Search](#), you can now:
 - Find any container or Compose app residing on your local system. In addition, you can access environment variables and perform essential actions such as starting, stopping, or deleting containers.
 - Find public Docker Hub images, local images, or images from remote repositories.
 - Discover more about specific extensions and install them.
 - Navigate through your volumes and gain insights about the associated containers.
 - Search and access Docker's documentation.

For Mac

- Fixed a bug that prevented Docker Desktop from starting. [docker/for-mac#6890](#)
- Resource Saver is now available on Mac. It optimises Docker Desktop's usage of your system resources when no containers are running. To access this feature, make sure you have [turned on access to experimental features](#) in settings.

For Windows

- Fixed a bug where the self-diagnose tool showed a false-positive failure when vpnkit is expected to be not running. Fixes [docker/for-win#13479](#).
- Fixed a bug where an invalid regular expression in the search bar caused an error. Fixes [docker/for-win#13592](#).

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For all platforms

- Fixed connection leak for Docker contexts using SSH ([docker/for-mac#6834](#) and [docker/for-win#13564](#))

For Mac

- Removed configuration health check for further investigation and addressing specific setups.

4.21.0

2023-06-29

New

- Added support for new Wasm runtimes: slight, spin, and wasmtime. Users can download Wasm runtimes on demand when the containerd image store is enabled.
- Added Rust server support to Docker init.
- Beta release of the [Builds view](#) that lets you inspect builds and manage builders. This can be found in the **Features in Development** tab in **Settings**.

Upgrades

- [Buildx v0.11.0](#)
- [Compose v2.19.0](#)
- [Kubernetes v1.27.2](#)
- [cri-tools v1.27.0](#)

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For all platforms

- Docker Desktop now automatically pauses the Docker Engine when it is not in use and wakes up again on demand.
- VirtioFS is now the default file sharing implementation for new installations of Docker Desktop on macOS 12.5 and higher.
- Improved product usage reporting using OpenTelemetry (experimental).
- Fixed Docker socket permissions. Fixes [docker/for-win#13447](#) and [docker/for-mac#6823](#).
- Fixed an issue which caused Docker Desktop to hang when quitting the application whilst paused.
- Fixed a bug which caused the **Logs** and **Terminal** tab content in the **Container** view to be covered by a fixed toolbar [docker/for-mac#6814](#).
- Fixed a bug which caused input labels to overlap with input values on the container run dialog. Fixes [docker/for-win#13304](#).
- Fixed a bug which meant users couldn't select the Docker Extension menu. Fixes [docker/for-mac#6840](#) and [docker/for-mac#6855](#)

For Mac

- Added a health check for macOS that notifies users if there has been a change on their system which might cause problems running Docker binaries.

For Windows

- Fixed a bug on WSL 2 where if Desktop is paused, killed, and then restarted, the startup hangs unless WSL is shut down first with `wsl --shutdown`.
- Fixed the WSL engine in cases where wsl.exe is not on the PATH [docker/for-win#13547](#).

Fixed the WSL engine's ability to detect cases where one of the Docker Desktop

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- `--hyper-v-default-data-root` which specifies the default location for Hyper-V VM disk.
- `--windows-containers-default-data-root` which specifies the default data root for Windows Containers.
- `--wsl-default-data-root` which specifies the default location for WSL distribution disks.

4.20.1

2023-06-05

Bug fixes and enhancements

For all platforms

- containerd image store: Fixed a bug that caused `docker load` to fail when loading an image that contains attestations.
- containerd image store: Fixed the default image exporter during build.

For Windows

- Fixed a bug that made it difficult to parse the WSL version on the host in non-western locales. Fixes [docker/for-win#13518](#) and [docker/for-win#13524](#).

4.20.0

2023-05-30

Upgrades

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Bug fixes and enhancements

For all platforms

- [Docker Scout CLI](#) now finds the most recently built image if it is not provided as an argument.
- Improved the [Docker Scout CLI](#) `compare` command.
- Added a warning about the [retirement of Docker Compose ECS/ACS integrations in November 2023](#). Can be suppressed with `COMPOSE_CLOUD_EOL_SILENT=1`.
- Fixed an HTTP proxy bug where an HTTP 1.0 client could receive an HTTP 1.1 response.
- Enabled Docker Desktop's Enhanced Container Isolation (ECI) feature on WSL-2. This is available with a Docker Business subscription.
- Fixed a bug on the **Containers** table where previously hidden columns were displayed again after a fresh installation of Docker Desktop.

For Mac

- You can now reclaim disk space more quickly when files are deleted in containers. Related to [docker/for-mac#371](#).
- Fixed a bug that prevented containers accessing 169.254.0.0/16 IPs. Fixes [docker/for-mac#6825](#).
- Fixed a bug in `com.docker.diagnose check` where it would complain about a missing `vpnkit` even when `vpnkit` is not expected to be running. Related to [docker/for-mac#6825](#).

For Windows

- Fixed a bug that meant WSL data could not be moved to a different disk. Fixes [docker/for-win#13269](#).

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4.19.0

2023-04-27

New

- Docker Engine and CLI updated to [Moby 23.0](#).
- The **Learning Center** now supports in-product walkthroughs.
- Docker init (Beta) now supports Node.js and Python.
- Faster networking between VM and host on macOS.
- You can now inspect and analyze remote images from Docker Desktop without pulling them.
- Usability and performance improvements to the **Artifactory images** view.

Removed

- Removed `docker scan` command. To continue learning about the vulnerabilities of your images, and many other features, use the new `docker scout` command. Run `docker scout --help`, or [read the docs to learn more](#).

Upgrades

- [Docker Engine v23.0.5](#)
- [Compose 2.17.3](#)
- [Containerd v1.6.20](#)
- [Kubernetes v1.25.9](#)

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- Improved `docker scout compare` command to compare two images, now also aliased under `docker scout diff`.
- Added more details to dashboard errors when a `docker-compose` action fails ([docker/for-win#13378](#)).
- Added support for setting HTTP proxy configuration during installation. This can be done via the `--proxy-http-mode`, `--override-proxy-http`, `--override-proxy-https` and `--override-proxy-exclude` installer flags in the case of installation from the CLI on [Mac](#) and [Windows](#), or alternatively by setting the values in the `install-settings.json` file.
- Docker Desktop now stops overriding `.docker/config.json` `credsStore` keys on application start. Note that if you use a custom credential helper then the CLI `docker login` and `docker logout` does not affect whether the UI is signed in to Docker or not. In general, it is better to sign into Docker via the UI since the UI supports multi-factor authentication.
- Added a warning about the forthcoming removal of Compose V1 from Docker Desktop. Can be suppressed with `COMPOSE_V1_EOL_SILENT=1`.
- In the Compose config, boolean fields in YAML should be either `true` or `false`. Deprecated YAML 1.1 values such as “on” or “no” now produce a warning.
- Improved UI for image table, allowing rows to use more available space.
- Fixed various bugs in port-forwarding.
- Fixed a HTTP proxy bug where an HTTP request without a Server Name Indication record would be rejected with an error.

For Windows

- Reverted to fully patching `etc/hosts` on Windows (includes `host.docker.internal` and `gateway.docker.internal` again). For WSL, this behavior is controlled by a new setting in the **General** tab. Fixes [docker/for-win#13388](#) and [docker/for-win#13398](#).

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- Increased the performance of VM networking when using the Virtualization framework on macOS Ventura and above. Docker Desktop for Mac now uses gVisor instead of VPNKit. To continue using VPNKit, add `"networkType": "vpnkit"` to your `settings.json` file located at `~/Library/Group Containers/group.com.docker/settings.json`.
- Fixed a bug where an error window is displayed on uninstall.
- Fixed a bug where the setting `deprecatedCgroupv1` was ignored. Fixes [docker/for-mac#6801](#).
- Fixed cases where `docker pull` would return `EOF`.

For Linux

- Fixed a bug where the VM networking crashes after 24h. Fixes [docker/desktop-linux#131](#).

Security

For all platforms

- Fixed a security issue allowing users to bypass Image Access Management (IAM) restrictions configured by their organisation by avoiding `registry.json` enforced login via deleting the `credsStore` key from their Docker CLI configuration file. Only affects Docker Business customers.
- Fixed [CVE-2023-24532](#).
- Fixed [CVE-2023-25809](#).
- Fixed [CVE-2023-27561](#).
- Fixed [CVE-2023-28642](#).
- Fixed [CVE-2023-28840](#).
- Fixed [CVE-2023-28841](#).

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- Initial beta release of `docker init` as per [the roadmap](#).
- Added a new **Learning Center** tab to help users get started with Docker.
- Added an experimental file-watch command to Docker Compose that automatically updates your running Compose services as you edit and save your code.

Upgrades

- [Buildx v0.10.4](#)
- [Compose 2.17.2](#)
- [Containerd v1.6.18](#), which includes fixes for [CVE-2023-25153](#) and [CVE-2023-25173](#).
- [Docker Engine v20.10.24](#), which contains fixes for [CVE-2023-28841](#), [CVE-2023-28840](#), and [CVE-2023-28842](#).

Bug fixes and enhancements

For all platforms

- [Docker Scout CLI](#) can now compare two images and display packages and vulnerabilities differences. This command is in [Early Access](#) and might change in the future.
- [Docker Scout CLI](#) now displays base image update and remediation recommendations using `docker scout recommendations`. It also displays a short overview of an image using `docker scout quickview` commands.
- You can now search for extensions direct from the Marketplace, as well as using **Global Search**.
- Fixed a bug where `docker buildx` container builders would lose access to the network after 24hrs.

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For Windows

- Fixed a bug where `docker run --gpus=all` hangs. Fixes [docker/for-win#13324](#).
- Fixed a bug where Registry Access Management policy updates were not downloaded.
- Docker Desktop now allows Windows containers to work when BitLocker is enabled on `C:`.
- Docker Desktop with the WSL backend no longer requires the `com.docker.service` privileged service to run permanently. For more information see [Permission requirements for Windows](#).

For Mac

- Fixed a performance issue where attributes stored on the host would not be cached for VirtioFS users.
- The first time Docker Desktop for Mac is launched, the user is presented with an installation window to confirm or adjust the configuration that requires privileged access. For more information see [Permission requirements for Mac](#).
- Added the **Advanced** tab in **Settings**, where users can adjust the settings which require privileged access.

For Linux

- Fixed a bug where the VM networking crashes after 24h. [docker/for-linux#131](#)

Security

For all platforms

- Fixed [CVE-2022-1802](#) where a security issue with the Artifactory Integration would cause it

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arbitrary dynamic library to be loaded with Docker Desktop via the `DYLD_INSERT_LIBRARIES` environment variable.

Known Issues

- Uninstalling Docker Desktop on Mac from the **Troubleshoot** page might trigger an unexpected fatal error popup.

4.17.1

2023-03-20

Bug fixes and enhancements

For Windows

- Docker Desktop now allows Windows containers to work when BitLocker is enabled on C:
- Fixed a bug where `docker buildx` container builders would lose access to the network after 24hrs.
- Fixed a bug where Registry Access Management policy updates were not downloaded.
- Improved debug information to better characterise failures under WSL 2.

Known Issues

- Running containers with `--gpus` on Windows with the WSL 2 backend does not work. This will be fixed in future releases. See [docker/for-win/13324](https://github.com/docker/for-win/issues/13324).

4.17.0

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and digests, and filter your images on vulnerability information. To learn more, see [Docker Scout](#).

- `docker scan` has been replaced by `docker scout`. See [Docker Scout CLI](#), for more information.
- You can now discover extensions that have been autonomously published in the Extensions Marketplace. For more information on self-published extensions, see [Marketplace Extensions](#).
- **Container File Explorer** is available as an experimental feature. Debug the filesystem within your containers straight from the GUI.
- You can now search for volumes in **Global Search**.

Upgrades

- [Containerd v1.6.18](#), which includes fixes for [CVE-2023-25153](#) and [CVE-2023-25173](#).
- [Docker Engine v20.10.23](#).
- [Go 1.19.5](#)

Bug fixes and enhancements

For all platforms

- Fixed a bug where diagnostic gathering could hang waiting for a subprocess to exit.
- Prevented the transparent HTTP proxy from mangling requests too much. Fixes Tailscale extension login, see [tailscale/docker-extension#49](#).
- Fixed a bug in the transparent TLS proxy where the Server Name Indication field is not set.
- Added support for subdomain match, CIDR match, `.` and `*` in HTTP proxy exclude lists.

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- Added a way to report a malicious extension to Docker.
- Updated Dev Environments to v0.2.2 with initial set up reliability & security fixes.
- Added a whalecome survey for new users only.
- The confirmation dialogs on the troubleshooting page are now consistent in style with other similar dialogs.
- Fixed fatal error caused by resetting the Kubernetes cluster before it has started.
- Implemented `docker import` for the containerd integration.
- Fixed image tagging with an existing tag with the containerd integration.
- Implemented the dangling filter on images for the containerd integration.
- Fixed `docker ps` failing with containers whose images are no longer present with the containerd integration.

For Mac

- Fixed download of Registry Access Management policy on systems where the privileged helper tool `com.docker.vmnetd` is not installed.
- Fixed a bug where `com.docker.vmnetd` could not be installed if `/Library/PrivilegedHelperTools` does not exist.
- Fixed a bug where the "system" proxy would not handle "autoproxy" / "pac file" configurations.
- Fixed a bug where vmnetd installation fails to read `Info.plist` on case-sensitive file systems. The actual filename is `Info.plist`. Fixes [docker/for-mac#6677](#).
- Fixed a bug where user is prompted to create the docker socket symlink on every startup. Fixes [docker/for-mac#6634](#).

Fixed a bug that caused the Start Docker Desktop when you log in setting not to work

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For Windows

- Added statical linking of WSL integration tools against `musl` so there is no need to install `alpine-pkg-glibc` in user distributions.
- Added support for running under cgroupv2 on WSL 2. This is activated by adding `kernelCommandLine = systemd.unified_cgroup_hierarchy=1 cgroup_no_v1=all` to your `%USERPROFILE%\wslconfig` file in the `[wsl2]` section.
- Fixed an issue that caused Docker Desktop to get stuck in the "starting" phase when in WSL 2 mode (introduced in 4.16).
- Fixed Docker Desktop failing to start the WSL 2 backend when file system compression or encryption is enabled on `%LOCALAPPDATA%`.
- Fixed Docker Desktop failing to report a missing or outdated (incapable of running WSL version 2 distributions) WSL installation when starting.
- Fixed a bug where opening in Visual Studio Code fails if the target path has a space.
- Fixed a bug that causes `~/ .docker/context` corruption and the error message "unexpected end of JSON input". You can also remove `~/ .docker/context` to work around this problem.
- Ensured the credential helper used in WSL 2 is properly signed. Related to [docker/for-win#10247](#).
- Fixed an issue that caused WSL integration agents to be terminated erroneously. Related to [docker/for-win#13202](#).
- Fixed corrupt contexts on start. Fixes [docker/for-win#13180](#) and [docker/for-win#12561](#).

For Linux

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For all platforms

- Fixed [CVE-2023-0628](#), which allows an attacker to execute an arbitrary command inside a Dev Environments container during initialization by tricking a user to open a crafted malicious `docker-desktop://` URL.
- Fixed [CVE-2023-0629](#), which allows an unprivileged user to bypass Enhanced Container Isolation (ECI) restrictions by setting the Docker host to `docker.raw.sock`, or `npipe:///pipe/docker_engine_linux` on Windows, via the `-H` (`--host`) CLI flag or the `DOCKER_HOST` environment variable and launch containers without the additional hardening features provided by ECI. This does not affect already running containers, nor containers launched through the usual approach (without Docker's raw socket).

4.16.3

2023-01-30

Bug fixes and enhancements

For Windows

- Fixed Docker Desktop failing to start the WSL 2 backend when file system compression or encryption is enabled on `%LOCALAPPDATA%`. Fixes [docker/for-win#13184](#).
- Fixed Docker Desktop failing to report a missing or outdated WSL installation when starting. Fixes [docker/for-win#13184](#).

4.16.2

2023-01-19

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For Mac

- Fixed the capitalization of `Info.plist` which caused `vmnetd` to break on case-sensitive file systems. Fixes [docker/for-mac/6677](#).

For Windows

- Fixed a regression introduced with Docker Desktop 4.16 causing it to get stuck in the "starting" phase when in WSL2 mode. Fixes [docker/for-win/13165](#)

4.16.1

2023-01-13

Bug fixes and enhancements

For all platforms

- Fixed `sudo` inside a container failing with a security related error for some images. Fixes [docker/for-mac/6675](#) and [docker/for-win/13161](#).

4.16.0

2023-01-12

New

- Extensions have moved from Beta to GA.
- Quick Search has moved from experimental to GA.
- Extensions are now included in Quick Search.

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- [Compose v2.15.1](#)
- [Containerd v1.6.14](#)
- [Docker Engine v20.10.22](#)
- [Buildx v0.10.0](#)
- [Docker Scan v0.23.0](#)
- [Go 1.19.4](#)

Bug fixes and enhancements

For all platforms

- Fixed `docker build --quiet` not outputting the image identifier with the `containerd` integration.
- Fixed image inspect not showing image labels with the `containerd` integration.
- Increased the contrast between running and stopped container icons to make it easier for colorblind people to scan the containers list.
- Fixed a bug where the user is prompted for new HTTP proxy credentials repeatedly until Docker Desktop is restarted.
- Added a diagnostics command `com.docker.diagnose login` to check HTTP proxy configuration.
- Fixed actions on compose stack not working properly. Fixes [docker/for-mac#6566](#).
- Fixed the Docker Desktop Dashboard trying at startup to get disk usage information and display an error banner before the engine was running.
- Added an informational banner with instructions on how to opt-out of experimental feature access next to all experimental features.

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- Minimum OS version to install or update Docker Desktop on macOS is now macOS Big Sur (version 11) or later.
- Fixed the Docker engine not starting when Enhanced Container Isolation is enabled if the legacy `osxfs` implementation is used for file sharing.
- Fixed files created on VirtioFS having the executable bit set. Fixes [docker/for-mac#6614](#).
- Added back a way to uninstall Docker Desktop from the command line. Fixes [docker/for-mac#6598](#).
- Fixed hardcoded `/usr/bin/kill`. Fixes [docker/for-mac#6589](#).
- Fixed truncation (for example with the `truncate` command) of very large files (> 38GB) shared on VirtioFS with an incorrect size.
- Changed the disk image size in **Settings** to use the decimal system (base 10) to coincide with how Finder displays disk capacity.
- Fixed Docker crash under network load. Fixes [docker/for-mac#6530](#).
- Fixed an issue causing Docker to prompt the user to install the `/var/run/docker.sock` symlink after every reboot.
- Ensured the Login Item which installs the `/var/run/docker.sock` symlink is signed.
- Fixed bug where `$HOME/.docker` was removed on factory reset.

For Windows

- Fixed `docker build` hanging while printing "load metadata for". Fixes [docker/for-win#10247](#).
- Fixed typo in diagnose.exe output Fixes [docker/for-win#13107](#).
- Added support for running under cgroupv2 on WSL 2. This is activated by adding

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4.15.0

2022-12-01

New

- Substantial performance improvements for macOS users with the option of enabling the new VirtioFS file sharing technology. Available for macOS 12.5 and above.
- Docker Desktop for Mac no longer needs to install the privileged helper process `com.docker.vmnetd` on install or on the first run. For more information see [Permission requirements for Mac](#).
- Added [WebAssembly capabilities](#). Use with the [containerd integration](#).
- Improved the descriptions for beta and experimental settings to clearly explain the differences and how people can access them.
- Available disk space of VM now displays in the footer of Docker Desktop Dashboard for Mac and Linux.
- A disk space warning now displays in the footer if available space is below 3GB.
- Changes to Docker Desktop's interface as we become more ADA accessible and visually unified.
- Added a **Build** tab inside **Extensions** which contains all the necessary resources to build an extension.
- Added the ability to share extensions more easily, either with `docker extension share` CLI or with the share button in the extensions **Manage** tab.
- Extensions in the Marketplace now display the number of installs. You can also sort extensions by the number of installs.

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- [Compose v2.13.0](#)
- [Containerd v1.6.10](#)
- [Docker Hub Tool v0.4.5](#)
- [Docker Scan v0.22.0](#)

Bug fixes and enhancements

For all platforms

- Containers are now restored on restart with the containerd integration.
- Fixed listing multi-platform images with the containerd integration.
- Better handling of dangling images with the containerd integration.
- Implement "reference" filter for images with the containerd integration.
- Added support for selecting upstream HTTP/HTTPS proxies automatically via `proxy.pac` in containers, `docker pull` etc.
- Fixed regressions when parsing image references on pull. Fixes [docker/for-win#13053](#), [docker/for-mac#6560](#), and [docker/for-mac#6540](#).

For Mac

- Improved the performance of `docker pull`.

For Windows

- Fixed an issue where the system HTTP proxies were not used when Docker starts and the developer logs in.
- When Docker Desktop is using "system" proxies and if the Windows settings change, **Docker Desktop now uses the new Windows settings without a restart**

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2022-11-17

Bug fixes and enhancements

For all platforms

- Fixed container DNS lookups when using Registry Access Management.

For Mac

- Fixed an issue preventing the **Analyze Image** button on the **Images** tab from working.
- Fixed a bug causing symlinks to not be created for the user if `/usr/local/lib` doesn't already exist. Fixes [docker/for-mac#6569](#)

4.14.0

2022-11-10

New

- Set Virtualization framework as the default hypervisor for macOS \geq 12.5.
- Migrate previous install to Virtualization framework hypervisor for macOS \geq 12.5.
- The Enhanced Container Isolation feature, available to Docker Business users, can now be enabled from the General Settings.

Updates

- [Docker Engine v20.10.21](#), which contains mitigations against a Git vulnerability, tracked in [CVE-2022-39253](#), and updates the handling of `image:tag@digest` image references.

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- Docker Desktop now requires an internal network subnet of size /24. If you were previously using a /28, it is automatically expanded to /24. If you experience networking issues, check to see if you have a clash between the Docker subnet and your infrastructure. Fixes [docker/for-win#13025](#).
- Fixed an issue that prevents users from creating Dev Environments when the Git URL has upper-case characters.
- Fix the `vpncit.exe is not running` error reported in diagnostics.
- Reverted qemu to 6.2.0 to fix errors like `PR_SET_CHILD_SUBREAPER is unavailable` when running emulated amd64 code.
- Enabled [contextIsolation](#) and [sandbox](#) mode inside Extensions. Now Extensions run in a separate context and this limits the harm that malicious code can cause by limiting access to most system resources.
- Included `unpigz` to allow parallel decompression of pulled images.
- Fixed issues related to performing actions on selected containers. Fixes <https://github.com/docker/for-win/issues/13005>
- Added functionality that allows you to display timestamps for your container or project view.
- Fixed a possible segfault when interrupting `docker pull` with Control+C.
- Increased the default DHCP lease time to avoid the VM's network glitching and dropping connections every two hours.
- Removed the infinite spinner on the containers list. Fixes <https://github.com/docker/for-mac/issues/6486>
- Fixed bug which showed incorrect values on used space in **Settings**.
- Fixed a bug that caused Kubernetes not to start with the containerd integration.

Fixed a bug that caused `Unid` not to start with the containerd integration.

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- Fixed a startup failure for users of Virtualization framework.
- Re-added the `/var/run/docker.sock` on Mac by default, to increase compatibility with tooling like `tilt` and `docker-py`.
- Fixed an issue that prevented the creation of Dev Environments on new Mac installs (error "Cannot connect to the Docker daemon at unix:///var/run/docker.sock. Is the docker daemon running?").

For Windows

- Re-added `DockerCli.exe -SharedDrives`. Fixes [docker/for-win#5625](#).
- Docker Desktop now allows Docker to function on machines where PowerShell is disabled.
- Fixed an issue where Compose v2 was not always enabled by default on Windows.
- Docker Desktop now deletes the `C:\Program Files\Docker` folder at uninstall.

Known Issues

- For some users on Mac OS there is a known issue with the installer that prevents the installation of a new helper tool needed for the experimental vulnerability and package discovery feature in Docker Desktop. To fix this, a symlink is needed that can be created with the following command: `sudo ln -s /Applications/Docker.app/Contents/Resources/bin/docker-index /usr/local/bin/docker-index`

4.13.1

2022-10-31

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- Increased the default DHCP lease time to avoid the VM's network glitching and dropping connections every two hours.
- Reverted `Qemu` to `6.2.0` to fix errors like `PR_SET_CHILD_SUBREAPER is unavailable` when running emulated amd64 code.

For Mac

- Added back the `/var/run/docker.sock` symlink on Mac by default, to increase compatibility with tooling like `tilt` and `docker-py`. Fixes [docker/for-mac#6529](#).
- Fixed an issue preventing the creation of Dev Environments on new Mac installs and causing error "Cannot connect to the Docker daemon at `unix:///var/run/docker.sock`. Is the docker daemon running?")

For Windows

- Docker Desktop now functions on machines where PowerShell is disabled.

4.13.0

2022-10-19

New

- Two new security features have been introduced for Docker Business users, Settings Management and Enhanced Container Isolation. Read more about Docker Desktop's new [Hardened Docker Desktop security model](#).
- Added the new Dev Environments CLI `docker dev`, so you can create, list, and run Dev Envs via command line. Now it's easier to integrate Dev Envs into custom scripts.
- Docker Desktop can now be installed to any drive and folder using the `--installation`

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- Updated Docker Engine and Docker CLI to [v20.10.20](#), which contain mitigations against a Git vulnerability, tracked in [CVE-2022-39253](#), and updated handling of `image:tag@digest` image references, as well as a fix for [CVE-2022-36109](#).
- [Docker Credential Helpers v0.7.0](#)
- [Docker Compose v2.12.0](#)
- [Kubernetes v1.25.2](#)
- [Qemu 7.0.0](#) used for cpu emulation, inside the Docker Desktop VM.
- [Linux kernel 5.15.49](#)

Bug fixes and enhancements

For all platforms

- Docker Desktop now allows the use of TLS when talking to HTTP and HTTPS proxies to encrypt proxy usernames and passwords.
- Docker Desktop now stores HTTP and HTTPS proxy passwords in the OS credential store.
- If Docker Desktop detects that the HTTP or HTTPS proxy password has changed then it will prompt developers for the new password.
- The **Bypass proxy settings for these hosts and domains** setting now handles domain names correctly for HTTPS.
- The **Remote Repositories** view and Tip of the Day now works with HTTP and HTTPS proxies which require authentication
- We've introduced dark launch for features that are in early stages of the product development lifecycle. Users that are opted in can opt out at any time in the settings under the "beta features" section.

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- Changed the refresh rate for disk usage information for images to happen automatically once a day.
- Made the tab style consistent for the **Container** and **Volume** tabs.
- Fixed Grpcfuse filesharing mode enablement in **Settings**. Fixes [docker/for-mac#6467](#)
- Virtualization Framework and VirtioFS are disabled for users running macOS < 12.5.
- Ports on the **Containers** tab are now clickable.
- The Extensions SDK now allows `ddClient.extension.vm.cli.exec`, `ddClient.extension.host.cli.exec`, `ddClient.docker.cli.exec` to accept a different working directory and pass environment variables through the options parameters.
- Added a small improvement to navigate to the Extensions Marketplace when clicking on **Extensions** in the sidebar.
- Added a badge to identify new extensions in the Marketplace.
- Fixed kubernetes not starting with the containerd integration.
- Fixed `kind` not starting with the containerd integration.
- Fixed dev environments not working with the containerd integration.
- Implemented `docker diff` in the containerd integration.
- Implemented `docker run --platform` in the containerd integration.
- Fixed insecure registries not working with the containerd integration.
- Fixed a bug that showed incorrect values on used space in **Settings**.
- Docker Desktop now installs credential helpers from Github releases. See [docker/for-win#10247](#), [docker/for-win#12995](#).
- Fixed an issue where users were logged out of Docker Desktop after 7 days.

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- By default Docker will not create the `/var/run/docker.sock` symlink on the host and use the `docker-desktop` CLI context instead.

For Linux

- Fixed a bug that prevented pushing images from the Dashboard

4.12.0

2022-09-01

New

- Added the ability to use `containerd` for pulling and storing images. This is an experimental feature.
- Docker Desktop now runs untagged images. Fixes [docker/for-mac#6425](#).
- Added search capabilities to Docker Extension's Marketplace. Fixes [docker/roadmap#346](#).
- Added the ability to zoom in, out or set Docker Desktop to Actual Size. This is done by using keyboard shortcuts `⌘ + / CTRL +`, `⌘ - / CTRL -`, `⌘ 0 / CTRL 0` on Mac and Windows respectively, or through the View menu on Mac.
- Added compose stop button if any related container is stoppable.
- Individual compose containers are now deletable from the **Container** view.
- Removed the workaround for `virtiofsd` <-> `qemu` protocol mismatch on Fedora 35, as it is no longer needed. Fedora 35 users should upgrade the `qemu` package to the most recent version (`qemu-6.1.0-15.fc35` as of the time of writing).
- Implemented an integrated terminal for containers.

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- [Go 1.19](#)
- [cri-dockerd v0.2.5](#)
- [Buildx v0.9.1](#)
- [containerd v1.6.8](#)
- [containerd v1.6.7](#)
- [runc v1.1.4](#)
- [runc v1.1.3](#)

Security

For all platforms

- Fixed [CVE-2023-0626](#) which allows RCE via query parameters in the message-box route in the Electron client.
- Fixed [CVE-2023-0625](#) which allows RCE via extension description/changelog which could be abused by a malicious extension.

For Windows

- Fixed [CVE-2023-0627](#) which allows to bypass for the `--no-windows-containers` installation flag which was introduced in version 4.11. This flag allows administrators to disable the use of Windows containers.
- Fixed [CVE-2023-0633](#) in which an argument injection to the Docker Desktop installer which may result in local privilege escalation.

Bug fixes and minor enhancements

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- Improved overall performance issues caused by calculating disk size. Related to [docker/for-win#9401](#).
- Docker Desktop now prevents users on ARM macs without Rosetta installed from switching back to Compose V1, which has only intel binaries.
- Changed the default sort order to descending for volume size and the **Created** column, along with the container's **Started** column.
- Re-organized container row actions by keeping only the start/stop and delete actions visible at all times, while allowing access to the rest via the row menu item.
- The Quickstart guide now runs every command immediately.
- Defined the sort order for container/compose **Status** column to running > some running > paused > some paused > exited > some exited > created.
- Fixed issues with the image list appearing empty in Docker Desktop even though there are images. Related to [docker/for-win#12693](#) and [docker/for-mac#6347](#).
- Defined what images are "in use" based on whether or not system containers are displayed. If system containers related to Kubernetes and Extensions are not displayed, the related images are not defined as "in use."
- Fixed a bug that made Docker clients in some languages hang on `docker exec`. Fixes <https://github.com/apocas/dockerode/issues/534>.
- A failed spawned command when building an extension no longer causes Docker Desktop to unexpectedly quit.
- Fixed a bug that caused extensions to be displayed as disabled in the left menu when they are not.
- Fixed `docker login` to private registries when Registry Access Management is enabled and access to Docker Hub is blocked.

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- Minimum version to install or update Docker Desktop on macOS is now 10.15. Fixes [docker/for-mac#6007](#).
- Fixed a bug where the Tray menu incorrectly displays "Download will start soon..." after downloading the update. Fixes some issue reported in [for-mac/issues#5677](#)
- Fixed a bug that didn't restart Docker Desktop after applying an update.
- Fixed a bug that caused the connection to Docker to be lost when the computer sleeps if a user is using virtualization.framework and restrictive firewall software.
- Fixed a bug that caused Docker Desktop to run in the background even after a user had quit the application. Fixes [docker/for-mac##6440](#)
- Disabled both Virtualization Framework and VirtioFS for users running macOS < 12.5

For Windows

- Fixed a bug where versions displayed during an update could be incorrect. Fixes [for-win/issues#12822](#).

4.11.1

2022-08-05

Bug fixes and enhancements

For all platforms

- Fixed regression preventing VM system locations (e.g. `/var/lib/docker`) from being bind mounted [for-mac/issues#6433](#)

For Windows

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- Docker Desktop is now fully supported for Docker Business customers inside VMware ESXi and Azure VMs. For more information, see [Run Docker Desktop inside a VM or VDI environment](#)
- Added two new extensions ([vcluster](#) and [PGAdmin4](#)) to the Extensions Marketplace.
- The ability to sort extensions has been added to the Extensions Marketplace.
- Fixed a bug that caused some users to be asked for feedback too frequently. You'll now only be asked for feedback twice a year.
- Added custom theme settings for Docker Desktop. This allows you to specify dark or light mode for Docker Desktop independent of your device settings. Fixes [docker/for-win#12747](#)
- Added a new flag for Windows installer. `--no-windows-containers` disables the Windows containers integration.
- Added a new flag for Mac install command. `--user <username>` sets up Docker Desktop for a specific user, preventing them from needing an admin password on first run.

Updates

- [Docker Compose v2.7.0](#)
- [Docker Compose "Cloud Integrations" v1.0.28](#)
- [Kubernetes v1.24.2](#)
- [Go 1.18.4](#)

Bug fixes and enhancements

For all platforms

- Added the Container / Compose icon as well as the exposed port(s) / exit code to the

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- Collecting diagnostics takes less time to complete.
- Selecting or deselecting a compose app on the containers overview now selects/deselects all its containers.
- Tag names on the container overview image column are visible.
- Added search decorations to the terminal's scrollbar so that matches outside the viewport are visible.
- Fixed an issue with search which doesn't work well on containers page [docker/for-win#12828](#).
- Fixed an issue which caused infinite loading on the **Volume** screen [docker/for-win#12789](#).
- Fixed a problem in the Container UI where resizing or hiding columns didn't work. Fixes [docker/for-mac#6391](#).
- Fixed a bug where the state of installing, updating, or uninstalling multiple extensions at once was lost when leaving the Marketplace screen.
- Fixed an issue where the compose version in the about page would only get updated from v2 to v1 after restarting Docker Desktop.
- Fixed an issue where users cannot see the log view because their underlying hardware didn't support WebGL2 rendering. Fixes [docker/for-win#12825](#).
- Fixed a bug where the UI for Containers and Images got out of sync.
- Fixed a startup race when the experimental virtualization framework is enabled.

For Mac

- Fixed an issue executing Compose commands from the UI. Fixes [docker/for-mac#6400](#).

For Windows

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For Linux

- Fixed bug related to setting up file shares with spaces in their path.

4.10.1

2022-07-05

Bug fixes and enhancements

For Windows

- Fixed a bug where actions in the UI failed with Compose apps that were created from WSL. Fixes [docker/for-win#12806](#).

For Mac

- Fixed a bug where the install command failed because paths were not initialized. Fixes [docker/for-mac#6384](#).

4.10.0

2022-06-30

New

- You can now add environment variables before running an image in Docker Desktop.
- Added features to make it easier to work with a container's logs, such as regular expression search and the ability to clear container logs while the container is still running.
- Implemented feedback on the containers table. Added ports and separated container and

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Updates

- [Docker Engine v20.10.17](#)
- [Docker Compose v2.6.1](#)
- [Kubernetes v1.24.1](#)
- [cri-dockerd to v0.2.1](#)
- [CNI plugins to v1.1.1](#)
- [containerd to v1.6.6](#)
- [runc to v1.1.2](#)
- [Go 1.18.3](#)

Bug fixes and enhancements

For all platforms

- Added additional bulk actions for starting/pausing/stopping selected containers in the **Containers** tab.
- Added pause and restart actions for compose projects in the **Containers** tab.
- Added icons and exposed ports or exit code information in the **Containers** tab.
- External URLs can now refer to extension details in the Extension Marketplace using links such as `docker-desktop://extensions/marketplace?extensionId=docker/logs-explorer-extension`.
- The expanded or collapsed state of the Compose apps is now persisted.
- `docker extension` CLI commands are available with Docker Desktop by default.
- Increased the size of the screenshots displayed in the Extension marketplace.

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- Fixed the displayed image and tag for unpublished extensions to actually display the ones from the installed unpublished extension.
- Fixed the duplicate footer on the Support screen.
- Dev Environments can be created from a subdirectory in a GitHub repository.
- Removed the error message if the tips of the day cannot be loaded when using Docker Desktop offline. Fixes [docker/for-mac#6366](#).

For Mac

- Fixed a bug with location of bash completion files on macOS. Fixes [docker/for-mac#6343](#).
- Fixed a bug where Docker Desktop does not start if the username is longer than 25 characters. Fixes [docker/for-mac#6122](#).
- Fixed a bug where Docker Desktop was not starting due to invalid system proxy configuration. Fixes some issues reported in [docker/for-mac#6289](#).
- Fixed a bug where Docker Desktop failed to start when the experimental virtualization framework is enabled.
- Fixed a bug where the tray icon still displayed after uninstalling Docker Desktop.

For Windows

- Fixed a bug which caused high CPU usage on Hyper-V. Fixes [docker/for-win#12780](#).
- Fixed a bug where Docker Desktop for Windows would fail to start. Fixes [docker/for-win#12784](#).
- Fixed the `--backend=wsl-2` installer flag which did not set the backend to WSL 2. Fixes [docker/for-win#12746](#).

For Linux

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releases.

4.9.1

2022-06-16

“Download Docker Desktop

[Windows \(checksum\)](#) | [Mac with Apple chip \(checksum\)](#) | [Mac with Intel chip \(checksum\)](#) | [Debian - RPM - Arch \(checksum\)](#)”

Bug fixes and enhancements

For all platforms

- Fixed blank dashboard screen. Fixes [docker/for-win#12759](#).

4.9.0

2022-06-02

New

- Added additional guides on the homepage for: Elasticsearch, MariaDB, Memcached, MySQL, RabbitMQ and Ubuntu.
- Added a footer to the Docker Desktop Dashboard with general information about the Docker Desktop update status and Docker Engine statistics
- Re-designed the containers table, adding:

A button to copy container ID to the clipboard

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Updates

- [Compose v2.6.0](#)
- [Docker Engine v20.10.16](#)
- [containerd v1.6.4](#)
- [runc v1.1.1](#)
- [Go 1.18.2](#)

Bug fixes and enhancements

For all platforms

- Fixed an issue which caused Docker Desktop to hang if you quit the app whilst Docker Desktop was paused.
- Fixed the Kubernetes cluster not resetting properly after the PKI expires.
- Fixed an issue where the Extensions Marketplace was not using the defined http proxies.
- Improved the logs search functionality in Docker Desktop Dashboard to allow spaces.
- Middle-button mouse clicks on buttons in the Dashboard now behave as a left-button click instead of opening a blank window.

For Mac

- Fixed an issue to avoid creating `/opt/containerd/bin` and `/opt/containerd/lib` on the host if `/opt` has been added to the file sharing directories list.

For Windows

- Fixed a bug in the WSL 2 integration where if a file or directory is bind-mounted to a

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For Linux

- Changing ownership rights for files in bind mounts fails. This is due to the way we have implemented file sharing between the host and VM within which the Docker Engine runs. We aim to resolve this issue in the next release.

4.8.2

2022-05-18

Updates

- [Compose v2.5.1](#)

Bug fixes and minor enhancements

- Fixed an issue with manual proxy settings which caused problems when pulling images. Fixes [docker/for-win#12714](#) and [docker/for-mac#6315](#).
- Fixed high CPU usage when extensions are disabled. Fixes [docker/for-mac#6310](#).
- Docker Desktop now redacts HTTP proxy passwords in log files and diagnostics.

Known issues

For Linux

- Changing ownership rights for files in bind mounts fails. This is due to the way we have implemented file sharing between the host and VM within which the Docker Engine runs. We aim to resolve this issue in the next release.

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- Created a Docker Homepage where you can run popular images and discover how to use them.
- [Compose V2 is now GA](#)

Bug fixes and enhancements

- Fixed a bug that caused the Kubernetes cluster to be deleted when updating Docker Desktop.

Known issues

For Linux

- Changing ownership rights for files in bind mounts fails. This is due to the way we have implemented file sharing between the host and VM within which the Docker Engine runs. We aim to resolve this issue in the next release.

4.8.0

2022-05-06

New

- Released [Docker Desktop for Linux](#).
- Beta release of [Docker Extensions](#) and Extensions SDK.
- Created a Docker Homepage where you can run popular images and discover how to use them.
- [Compose V2 is now GA](#)

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Bug fixes and minor enhancements

For all platforms

- Introduced reading system proxy. You no longer need to manually configure proxies unless it differs from your OS level proxy.
- Fixed a bug that showed Remote Repositories in the Dashboard when running behind a proxy.
- Fixed vpnkit establishing and blocking the client connection even if the server is gone. See [docker/for-mac#6235](#)
- Made improvements on the Volume tab in Docker Desktop:
 - Volume size is displayed.
 - Columns can be resized, hidden and reordered.
 - A columns sort order and hidden state is persisted, even after Docker Desktop restarts.
 - Row selection is persisted when switching between tabs, even after Docker Desktop restarts.
- Fixed a bug in the Dev Environments tab that did not add a scroll when more items were added to the screen.
- Standardised the header title and action in the Dashboard.
- Added support for downloading Registry Access Management policies through HTTP proxies.
- Fixed an issue related to empty remote repositories when the machine is in sleep mode for an extended period of time.
- Fixed a bug where dangling images were not selected in the cleanup process if their name was not marked as "<none>" but their tag is.

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- Fixed a bug where an image with no namespace, for example `docker pull <private registry>/image`, would be erroneously blocked by Registry Access Management unless access to Docker Hub was enabled in settings.

For Mac

- Docker Desktop's icon now matches Big Sur Style guide. See [docker/for-mac#5536](#)
- Fixed a problem with duplicate Dock icons and Dock icon not working as expected. Fixes [docker/for-mac#6189](#).
- Improved support for the `Cmd+Q` shortcut.

For Windows

- Improved support for the `Ctrl+W` shortcut.

Known issues

For all platforms

- Currently, if you are running a Kubernetes cluster, it will be deleted when you upgrade to Docker Desktop 4.8.0. We aim to fix this in the next release.

For Linux

- Changing ownership rights for files in bind mounts fails. This is due to the way we have implemented file sharing between the host and VM within which the Docker Engine runs. We aim to resolve this issue in the next release.

4.7.1

2022-04-19

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- Fixed a bug where update was failing with a symlink error. Fixes [docker/for-win#12650](#).
- Fixed a bug that prevented using Windows container mode. Fixes [docker/for-win#12652](#).

4.7.0

2022-04-07

New

- IT Administrators can now install Docker Desktop remotely using the command line.
- Add the Docker Software Bill of Materials (SBOM) CLI plugin. The new CLI plugin enables users to generate SBOMs for Docker images.
- Use [cri-dockerd](#) for new Kubernetes clusters instead of `dockershim`. The change is transparent from the user's point of view and Kubernetes containers run on the Docker Engine as before. `cri-dockerd` allows Kubernetes to manage Docker containers using the standard [Container Runtime Interface](#), the same interface used to control other container runtimes. For more information, see [The Future of Dockershim is cri-dockerd](#).

Updates

- [Docker Engine v20.10.14](#)
- [Compose v2.4.1](#)
- [Buildx 0.8.2](#)
- [containerd v1.5.11](#)
- [Go 1.18](#)

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For all platforms

- Fixed a bug where the Registry Access Management policy was never refreshed after a failure.
- Logs and terminals in the UI now respect your OS theme in light and dark mode.
- Easily clean up many volumes at once via multi-select checkboxes.
- Improved login feedback.

For Mac

- Fixed an issue that sometimes caused Docker Desktop to display a blank white screen. Fixes [docker/for-mac#6134](#).
- Fixed a problem where `gettimeofday()` performance drops after waking from sleep when using Hyperkit. Fixes [docker/for-mac#3455](#).
- Fixed an issue that caused Docker Desktop to become unresponsive during startup when `osxfs` is used for file sharing.

For Windows

- Fixed volume title. Fixes [docker/for-win#12616](#).
- Fixed a bug in the WSL 2 integration that caused Docker commands to stop working after restarting Docker Desktop or after switching to Windows containers.

4.6.1

2022-03-22

Updates

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- Removed a false positive "vm is not running" error from self-diagnose. Fixes [docker/for-mac#6233](#).

4.6.0

2022-03-14

New

For all platforms

- The Docker Desktop Dashboard Volume Management feature now offers the ability to efficiently clean up volumes using multi-select checkboxes.

For Mac

- Docker Desktop 4.6.0 gives macOS users the option of enabling a new experimental file sharing technology called VirtioFS. During testing VirtioFS has been shown to drastically reduce the time taken to sync changes between the host and VM, leading to substantial performance improvements. For more information, see [VirtioFS](#).

Updates

For all platforms

- [Docker Engine v20.10.13](#)
- [Compose v2.3.3](#)
- [Buildx 0.8.0](#)
- [containerd v1.4.13](#)

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- Fixed [CVE-2022-0847](#), aka “Dirty Pipe”, an issue that could enable attackers to modify files in container images on the host, from inside a container. If using the WSL 2 backend, you must update WSL 2 by running `wsl --update`.

For Windows

- Fixed [CVE-2022-26659](#), which could allow an attacker to overwrite any administrator writable file on the system during the installation or the update of Docker Desktop.

For Mac

- [Qemu 6.2.0](#)

Bug fixes and enhancements

For all platforms

- Fixed uploading diagnostics when an HTTPS proxy is set.
- Made checking for updates from the systray menu open the Software updates settings section.

For Mac

- Fixed the systray menu not displaying all menu items after starting Docker Desktop. Fixes [docker/for-mac#6192](#).
- Fixed a regression about Docker Desktop not starting in background anymore. Fixes [docker/for-mac#6167](#).
- Fixed missing Docker Desktop Dock icon. Fixes [docker/for-mac#6173](#).
- Used speed up block device access when using the experimental `virtualization.framework`. See [benchmarks](#).

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- Fixed Registry Access Management under WSL 2 with latest 5.10.60.1 kernel.
- Fixed a UI crash when selecting the containers of a Compose application started from a WSL 2 environment. Fixes [docker/for-win#12567](#).
- Fixed copying text from terminal in Quick Start Guide. Fixes [docker/for-win#12444](#).

Known issues

For Mac

- After enabling VirtioFS, containers with processes running with different Unix user IDs may experience caching issues. For example if a process running as `root` queries a file and another process running as user `nginx` tries to access the same file immediately, the `nginx` process will get a "Permission Denied" error.

4.5.1

2022-02-15

Bug fixes and enhancements

For Windows

- Fixed an issue that caused new installations to default to the Hyper-V backend instead of WSL 2.
- Fixed a crash in the Docker Desktop Dashboard which would make the systray menu disappear.

If you are running Docker Desktop on Windows Home, installing 4.5.1 will switch it back to WSL 2 automatically. If you are running another version of Windows, and you want Docker Desktop to

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New

- Docker Desktop 4.5.0 introduces a new version of the Docker menu which creates a consistent user experience across all operating systems. For more information, see the blog post [New Docker Menu & Improved Release Highlights with Docker Desktop 4.5](#)
- The 'docker version' output now displays the version of Docker Desktop installed on the machine.

Updates

- [Amazon ECR Credential Helper v0.6.0](#)

Security

For Mac

- Fixed [CVE-2021-44719](#) where Docker Desktop could be used to access any user file on the host from a container, bypassing the allowed list of shared folders.

For Windows

- Fixed [CVE-2022-23774](#) where Docker Desktop allows attackers to move arbitrary files.

Bug fixes and enhancements

For all platforms

- Fixed an issue where Docker Desktop incorrectly prompted users to sign in after they quit Docker Desktop and start the application.
- Increased the filesystem watch (inotify) limits by setting

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- Fixed an issue that didn't allow users to stop a Docker Compose application using Docker Desktop Dashboard if the application was started in a different version of Docker Compose. For example, if the user started a Docker Compose application in V1 and then switched to Docker Compose V2, attempts to stop the Docker Compose application would fail.
- Fixed an issue where Docker Desktop incorrectly prompted users to sign in after they quit Docker Desktop and start the application.
- Fixed an issue where the **About Docker Desktop** window wasn't working anymore.
- Limit the number of CPUs to 8 on Mac M1 to fix the startup problem. Fixes [docker/for-mac#6063](#).

For Windows

- Fixed an issue related to compose app started with version 2, but the dashboard only deals with version 1

Known issues

For Windows

Installing Docker Desktop 4.5.0 from scratch has a bug which defaults Docker Desktop to use the Hyper-V backend instead of WSL 2. This means, Windows Home users will not be able to start Docker Desktop as WSL 2 is the only supported backend. To work around this issue, you must uninstall 4.5.0 from your machine and then download and install Docker Desktop 4.5.1 or a higher version. Alternatively, you can edit the Docker Desktop settings.json file located at `%APPDATA%\Docker\settings.json` and manually switch the value of the `wslEngineEnabled` field to `true`.

4.4.4

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Known issues

For Windows

- Clicking **Proceed to Desktop** after signing in through the browser, sometimes does not bring the Dashboard to the front.
- After logging in, when the Dashboard receives focus, it sometimes stays in the foreground even when clicking a background window. As a workaround you need to click the Dashboard before clicking another application window.
- The tips of the week show on top of the mandatory login dialog when an organization restriction is enabled via a `registry.json` file.

4.4.3

2022-01-14

Bug fixes and enhancements

For Windows

- Disabled Dashboard shortcuts to prevent capturing them even when minimized or unfocused. Fixes [docker/for-win#12495](#).

Known issues

For Windows

- Clicking **Proceed to Desktop** after signing in through the browser, sometimes does not bring the Dashboard to the front.
- After logging in, when the Dashboard receives focus, it sometimes stays in the foreground

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22-01-13

New

- Easy, Secure sign in with Auth0 and Single Sign-on
 - Single Sign-on: Users with a Docker Business subscription can now configure SSO to authenticate using their identity providers (IdPs) to access Docker. For more information, see [Single Sign-on](#).
 - Signing in to Docker Desktop now takes you through the browser so that you get all the benefits of auto-filling from password managers.

Upgrades

- [Docker Engine v20.10.12](#)
- [Compose v2.2.3](#)
- [Kubernetes 1.22.5](#)
- [docker scan v0.16.0](#)

Security

- Fixed [CVE-2021-45449](#) that affects users currently on Docker Desktop version 4.3.0 or 4.3.1.

Docker Desktop version 4.3.0 and 4.3.1 has a bug that may log sensitive information (access token or password) on the user's machine during login. This only affects users if they are on Docker Desktop 4.3.0, 4.3.1 and the user has logged in while on 4.3.0, 4.3.1. Gaining access to

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- Fixed a regression in Compose that reverted the container name separator from `-` to `_`. Fixes [docker/compose-switch](#).

For Mac

- Fixed the memory statistics for containers in the Dashboard. Fixes [docker/for-mac/#4774](#).
- Added a deprecated option to `settings.json`: `"deprecatedCgroupv1": true`, which switches the Linux environment back to cgroups v1. If your software requires cgroups v1, you should update it to be compatible with cgroups v2. Although cgroups v1 should continue to work, it is likely that some future features will depend on cgroups v2. It is also possible that some Linux kernel bugs will only be fixed with cgroups v2.
- Fixed an issue where putting the machine to Sleep mode after pausing Docker Desktop results in Docker Desktop not being able to resume from pause after the machine comes out of Sleep mode. Fixes [for-mac#6058](#).

For Windows

- Doing a `Reset to factory defaults` no longer shuts down Docker Desktop.

Known issues

For all platforms

- The tips of the week show on top of the mandatory login dialog when an organization restriction is enabled via a `registry.json` file.

For Windows

- Clicking **Proceed to Desktop** after logging in in the browser, sometimes does not bring the Dashboard to the front.

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2021-12-21

Security

- Fixed [CVE-2021-45449](#) that affects users currently on Docker Desktop version 4.3.0 or 4.3.1.

Docker Desktop version 4.3.0 and 4.3.1 has a bug that may log sensitive information (access token or password) on the user's machine during login. This only affects users if they are on Docker Desktop 4.3.0, 4.3.1 and the user has logged in while on 4.3.0, 4.3.1. Gaining access to this data would require having access to the user's local files.

Upgrades

[docker scan v0.14.0](#)

Security

Log4j 2 CVE-2021-44228: We have updated the `docker scan` CLI plugin. This new version of `docker scan` is able to detect [Log4j 2 CVE-2021-44228](#) and [Log4j 2 CVE-2021-45046](#)

For more information, read the blog post [Apache Log4j 2 CVE-2021-44228](#).

4.3.1

2021-12-11

Upgrades

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For more information, read the blog post [Apache Log4j 2 CVE-2021-44228](#).

4.3.0

2021-12-02

Upgrades

- [Docker Engine v20.10.11](#)
- [containerd v1.4.12](#)
- [Buildx 0.7.1](#)
- [Compose v2.2.1](#)
- [Kubernetes 1.22.4](#)
- [Docker Hub Tool v0.4.4](#)
- [Go 1.17.3](#)

Bug fixes and minor changes

For all platforms

- Added a self-diagnose warning if the host lacks Internet connectivity.
- Fixed an issue which prevented users from saving files from a volume using the Save As option in the Volumes UI. Fixes [docker/for-win#12407](#).
- Docker Desktop now uses cgroupv2. If you need to run `systemd` in a container then:
 - Ensure your version of `systemd` supports cgroupv2. It must be at least `systemd 247`. Consider upgrading any `centos:7` images to `centos:8`.

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For Windows

- Fixed an issue that caused Docker Desktop to fail during startup if the home directory path contains a character used in regular expressions. Fixes [docker/for-win#12374](#).

Known issue

Docker Desktop Dashboard incorrectly displays the container memory usage as zero on Hyper-V based machines. You can use the `docker stats` command on the command line as a workaround to view the actual memory usage. See [docker/for-mac#6076](#).

Deprecation

- The following internal DNS names are deprecated and will be removed from a future release: `docker-for-desktop`, `docker-desktop`, `docker.for.mac.host.internal`, `docker.for.mac.localhost`, `docker.for.mac.gateway.internal`. You must now use `host.docker.internal`, `vm.docker.internal`, and `gateway.docker.internal`.
- Removed: Custom RBAC rules have been removed from Docker Desktop as it gives `cluster-admin` privileges to all Service Accounts. Fixes [docker/for-mac/#4774](#).

4.2.0

2021-11-09

New

Pause/Resume: You can now pause your Docker Desktop session when you are not actively using it and save CPU resources on your machine.

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Window management: The Docker Desktop Dashboard window size and position persists when you close and reopen Docker Desktop.

Upgrades

- [Docker Engine v20.10.10](#)
- [containerd v1.4.11](#)
- [runc v1.0.2](#)
- [Go 1.17.2](#)
- [Compose v2.1.1](#)
- [docker-scan 0.9.0](#)

Bug fixes and minor changes

For all platforms

- Improved: Self-diagnose now also checks for overlap between host IPs and `docker networks`.
- Fixed the position of the indicator that displays the availability of an update on the Docker Desktop Dashboard.

For Mac

- Fixed an issue that caused Docker Desktop to stop responding upon clicking **Exit** on the fatal error dialog.
- Fixed a rare startup failure affecting users having a `docker volume` bind-mounted on top of a directory from the host. If existing, this fix will also remove manually user added `DENY`

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- Fixed a bug where subprocesses could fail unexpectedly during shutdown, triggering an unexpected fatal error popup. Fixes [docker/for-mac#5834](#).

For Windows

- Fixed Docker Desktop sometimes hanging when clicking Exit in the fatal error dialog.
- Fixed an issue that frequently displayed the **Download update** popup when an update has been downloaded but hasn't been applied yet [docker/for-win#12188](#).
- Fixed installing a new update killing the application before it has time to shut down.
- Fixed: Installation of Docker Desktop now works even with group policies preventing users to start prerequisite services (e.g. LanmanServer) [docker/for-win#12291](#).

4.1.1

2021-10-12

Bug fixes and minor changes

For Mac

When upgrading from 4.1.0, the Docker menu does not change to **Update and restart** so you can just wait for the download to complete (icon changes) and then select **Restart**. This bug is fixed in 4.1.1, for future upgrades.

- Fixed a bug where a `Docker.qcow2` file would be ignored on upgrade and a fresh `Docker.raw` used instead, resulting in containers and images disappearing. If a system has both files (due to the previous bug), then the most recently modified file will be used to

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For Windows

- Fixed a regression in WSL 2 integrations for some distributions (e.g. Arch or Alpine). Fixes [docker/for-win#12229](#)
- Fixed update notification overlay sometimes getting out of sync between the Settings button and the Software update button in the Dashboard.

4.1.0

2021-09-30

New

- **Software Updates:** The Settings tab now includes a new section to help you manage Docker Desktop updates. The **Software Updates** section notifies you whenever there's a new update and allows you to download the update or view information on what's included in the newer version.
- **Compose V2** You can now specify whether to use Docker Compose V2 in the General settings.
- **Volume Management:** Volume management is now available for users on any subscription, including Docker Personal. Ships [Docker Public Roadmap#215](#)

Upgrades

- [Compose V2](#)
- [Buildx 0.6.3](#)
- [Kubernetes 1.21.5](#)

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For Windows

- Fixed a bug related to anti-malware software triggering, self-diagnose avoids calling the `net.exe` utility.
- Fixed filesystem corruption in the WSL 2 Linux VM in self-diagnose. This can be caused by [microsoft/WSL#5895](#).
- Fixed `SeSecurityPrivilege` requirement issue. See [docker/for-win#12037](#).
- Fixed CLI context switch sync with UI. See [docker/for-win#11721](#).
- Added the key `vpnKitMaxPortIdleTime` to `settings.json` to allow the idle network connection timeout to be disabled or extended.
- Fixed a crash on exit. See [docker/for-win#12128](#).
- Fixed a bug where the CLI tools would not be available in WSL 2 distributions.
- Fixed switching from Linux to Windows containers that was stuck because access rights on `panic.log`. See [for-win#11899](#).

Known Issues

For Windows

Docker Desktop may fail to start when upgrading to 4.1.0 on some WSL-based distributions such as ArchWSL. See [docker/for-win#12229](#)

4.0.1

2021-09-13

Upgrades

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For all platforms

- Fixed a bug where copy-paste was not available in the Docker Desktop Dashboard.

For Windows

- Fixed a bug where Docker Desktop would not start correctly with the Hyper-V engine. See [docker/for-win#11963](#)

4.0.0

2021-08-31

New

Docker has [announced](#) updates and extensions to the product subscriptions to increase productivity, collaboration, and added security for our developers and businesses.

The updated [Docker Subscription Service Agreement](#) includes a change to the terms for **Docker Desktop**.

- Docker Desktop **remains free** for small businesses (fewer than 250 employees AND less than \$10 million in annual revenue), personal use, education, and non-commercial open source projects.
- It requires a paid subscription (**Pro, Team, or Business**), for as little as \$5 a month, for professional use in larger enterprises.
- The effective date of these terms is August 31, 2021. There is a grace period until January 31, 2022 for those that will require a paid subscription to use Docker Desktop.
- The Docker Pro and Docker Team subscriptions now **include commercial use** of Docker

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Upgrades

- [Compose V2 RC2](#)
 - Fixed project name to be case-insensitive for `compose down`. See [docker/compose-cli#2023](#)
 - Fixed non-normalized project name.
 - Fixed port merging on partial reference.
- [Kubernetes 1.21.4](#)

Bug fixes and minor changes

For Mac

- Fixed a bug where SSH was not available for builds from git URL. Fixes [for-mac#5902](#)

For Windows

- Fixed a bug where the CLI tools would not be available in WSL 2 distributions.
- Fixed a bug when switching from Linux to Windows containers due to access rights on `panic.log`. [for-win#11899](#)

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