Docker for Windows 2.x release notes

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This page contains release notes for Docker Desktop for Windows 2.x.

Docker Desktop Community 2.5.0.1

2020-11-10

Upgrades

- Compose CLI v1.0.2
- Snyk v1.424.4

Docker Desktop Community 2.5.0.0

2020-11-02

Docker Desktop 2.5.0.0 contains a Kubernetes upgrade. Your local Kubernetes cluster will be reset after installing this version.

New

- Users with a paid Docker subscription can now see the vulnerability scan report on the Remote repositories tab in Docker Desktop.
- Docker Desktop introduces a support option for users who have a paid Docker subscription.

Upgrades

- Linux kernel 5.4.39
- Docker Compose CLI 1.0.1
- Snyk v1.421.1
- Go 1.15.2
- Kubernetes 1.19.3

Deprecation

- Docker Desktop cannot be installed on Windows 1703 (build 15063) anymore.

Bug fixes and minor changes

- Renamed 'Run Diagnostics' to 'Get support'.
- Fixed an issue that intermittently made the WSL 2 backend fail to start.
- Fixed an issue related to NFS mounting. See docker/for-mac#4958.
- Fixed an issue where bash in WSL would not find the docker CLI when it is started before Docker Desktop.
- Fixed an issue with HTTP proxy exclude lists containing entries such as `localhost` or `127.0.0.1`. Fixes docker/for-win#8750.
- When the WSL integration process unexpectedly stops, the user is now notified and can decide to restart it or not, instead of always trying to restart it in a loop. fixes docker/for-win#8968.
- Fixed an issue related to container logs lagging under heavy load. Fixes docker/for-win#8216.
- Diagnostics: avoid hanging when Kubernetes is in a broken state.
- Fixed the path to the installer log file default location when the username contains a space. Fixes docker/for-win#7941.
- Fixed an issue where some network plugins may fail to load, provoking a crash of the Docker daemon docker/for-win#9282.
- When sharing a file into a container (e.g. `docker run -v ~/.gitconfig`) Docker Desktop does not watch the parent directory. Fixes docker/for-mac#4981.

Docker Desktop Community 2.4.0.0

2020-09-30

Docker Desktop 2.4.0.0 contains a Kubernetes upgrade. Your local Kubernetes cluster will be reset after installing this version.

New

- Docker Compose CLI - 0.1.18, enabling use of volumes with Compose and the Cloud through ECS and ACI.
- Docker introduces the new Images view in the Docker Dashboard. The images view allows users to view the Hub images, pull them and manage their local images on disk including cleaning up unwanted and unused images. To access the new Images view, from the Docker menu, select **Dashboard** > **Images**.
- Docker Desktop now enables BuildKit by default after a reset to factory defaults. To revert to the old `docker build` experience, go to **Settings** > **Docker Engine** and then disable the BuildKit feature.
- Amazon ECR Credential Helper

Upgrades

- Docker 19.03.13
- Docker Compose 1.27.4
- Go 1.14.7
- Alpine 3.12
- Kubernetes 1.18.8
- Qemu 4.2.0

Bug fixes and minor changes

- Removed the legacy Kubernetes context `docker-for-desktop`. The context `docker-desktop` should be used instead. Fixes docker/for-win#5089 and docker/for-mac#4089.
- Removed the option to start with Windows containers from the installer
- Pinning the application to the taskbar and clicking on it will launch the container view if Docker is already running.
- Left-clicking on the whale in the system tray now launches the dashboard container view.
- Docker Desktop now uses a different systray icon for dark and light mode. Fixes docker/for-win#4113.
- Added support for emulating Risc-V via Qemu 4.2.0.
- Added a low-level debug shell accessible via `putty -serial \\.\pipe\dockerDebugShell`.

- Copy container logs without ansi colors to clipboard. Fixes docker/for-mac#4786.
- Fix application startup if `hosts` is specified inside the Docker `daemon.json`. See docker/for-win#6895
- Fixed DNS resolution of short names. See docker/for-win#4425.
- Switched from `chronyd` to `sntpcd` to work around host time synchronization problems. Fixes docker/for-win#4526.
- Avoid blocking startup if "Expose daemon on tcp://localhost:2375 without TLS" is set and `localhost:2375` is in use by another program. See docker/for-win#6929 docker/for-win#6961.
- Fixed an issue where adding a folder on a non-existing drive in the settings would create an empty entry. See docker/for-win#6797.
- Avoid failing with "Function not implemented" during file I/O on shared volumes. Fixes docker/for-win#5955
- Ensure that `docker run -v /var/run/docker.sock` rewrites Windows paths properly, see docker/for-win#6628.
- Fixed a crash which occurred when Docker Desktop loads a corrupted Docker CLI configuration file. Fixes docker/for-win#6657.
- Ensure `localhost` and `127.0.0.1` can both be used in the proxy settings to redirect to a proxy on the host. Fixes docker/for-win#5715 and docker/for-win#6260.
- Fixed a crash when failing to login with no Internet connection.
- Fixed bug in handling shared volume paths with ".." characters. Fixes docker/for-win#5375.
- Report check for updates errors in toast notification. Fixes docker/for-win#6364.
- Fixed an upgrade bug where users on versions still using the PowerShell based VM management can experience a silent un-installation crash leading to Docker Desktop being uninstalled instead of upgraded.
- Fixed the path to the installer log file default location when the username contains a space. Fixes docker/for-win#7941.
- Docker Desktop always flushes filesystem caches synchronously on container start. See docker/for-mac#4943.
- Compose-on-Kubernetes is no longer included in the Docker Desktop installer. You can download it separately from the compose-on-kubernetes release page.

WSL 2 changes

- Docker contexts are now synced between Windows and WSL distributions.
- Fixed an issue that intermittently causes the backend to fail to start.

- Fixed a proxy crash that happened when glibc was not compatible. See docker/for-win#8183.
- Fixed an issue when removing a container mounting `/mnt/wsl` would break WSL integration. See docker/for-win#7836.
- Added support for mounting files from a distribution using the Windows CLI (e.g. `docker run -v \\wsl$\Ubuntu\home\simon\web:/web ...`)
- Fixed the error message when attempting to use a shared volume with a relative path. Fixes docker/for-win#6894.
- Fixed an issue when updating Windows to a WSL 2 capable version, where a configuration file is locked by the old Hyper-V VM.
- Fixed a discrepancy in the version of Docker Compose inside and outside of WSL 2. Fixes docker/for-win#6461.
- Detect when the `docker-desktop` wsl distribution is stopped and display a clearer error message.
- Fix a race condition when exposing ports.
- Enable dialog no longer blocks other windows.

Known issues

- There is a known issue when using `docker-compose` with named volumes and gRPC FUSE: second and subsequent calls to `docker-compose up` will fail due to the volume path having the prefix `/host_mnt`.
- There is a known issue when enabling Kubernetes where the settings UI sometimes fails to update the Kubernetes state. To work around this issue, close and re-open the Window.
- There is a rare known issue when switching users, where the images UI sometimes continues to show the repositories of the previous user. To work around this issue, close and re-open the Window.

Docker Desktop Community 2.3.0.5

2020-09-15

New

- The new Cloud integration in Docker CLI makes it easy to run containers in the cloud using either Amazon ECS or Microsoft ACI.

Upgrades

- Docker Compose 1.27.2
- Cloud integration v0.1.15

Bug fixes and minor changes

- WSL2: Fixed a crash when using an incompatible glibc. See docker/for-win#8183.

Known issues

- The `clock_gettime64` system call returns `EPERM` rather than `ENOSYS` in i386 images. To work around this issue, disable `seccomp` by using the `--privileged` flag. See docker/for-win#8326.

Docker Desktop Community 2.3.0.4

2020-07-27

Upgrades

- Docker 19.03.12
- Docker Compose 1.26.2
- Go 1.13.14

Bug fixes and minor changes

- Docker Desktop now prompts users to share directories for paths like `////c/Users/foo`, rather than only paths like `C:\Users\foo` and `C:/Users/foo`.
- The installer now returns a non-zero exit code on error, or when the user cancels the installation.

- Fixed the path to the installer log file default location when the username contains a space. Fixes docker/for-win#6552
- Dashboard: Fixed opening a CLI for Windows containers. See docker/for-win#7079
- Dashboard: Fixed containers logs which were sometimes truncated. Fixes docker/for-win#5954
- WSL 2: Fixed an issue where changing the user's default shell blocked WSL integration. Fixes docker/for-win#7653
- WSL 2: Fixed an issue to recover WSL distributions stuck in the "Installing" state.

Docker Desktop Community 2.3.0.3

2020-05-27

Upgrades

- Linux kernel 4.19.76

Bug fixes and minor changes

- Fixed a crash when resetting to factory defaults with Hyper-V disabled. Fixes docker/for-win#6738.
- Fixed opening an application in VS Code from a WSL 2 running app. Fixes docker/for-win#6472.
- Fixed Swarm mounts in WSL 2. Fixes docker/for-win#6507.
- Fixed a bug when using the Microsoft `mssql` image. Fixes docker/for-win#6646
- Implemented `fallocate` for shared file systems. See docker/for-win#6658
- Fixed an installer crash when an old and/or partially uninstalled version of Docker Desktop was present on the system. Fixes docker/for-win#6536.
- Fixed a delay caused when opening the systray menu. Fixes docker/for-win#1011.
- Fixed a regression where containers couldn’t anymore refer to mounted folders using the host drive letters. Fixes docker/for-win#6628.

- Fixed a regression where sharing a folder using a double leading slash notation would fail. Fixes docker/for-win#6668.
- Re-added device-mapper to the embedded Linux kernel. Fixes docker/for-mac#4549.
- Fixed an issue which caused the `:z` attribute in bind mounts to fail. Fixes docker/for-win#6634.

Docker Desktop Community 2.3.0.2

2020-05-11

New

- Windows 10 Home users can now use Docker Desktop through WSL 2. This requires Windows 10, version 2004 or higher. For more information, see Install Docker Desktop on Windows.
- Docker Desktop introduces a new onboarding tutorial upon first startup. The Quick Start tutorial guides users to get started with Docker in a few easy steps. It includes a simple exercise to build an example Docker image, run it as a container, push and save the image to Docker Hub.
- Docker Desktop now allows sharing individual folders, rather than whole drives, giving more control to users over what is being shared.

Upgrades

- Docker Compose 1.25.5
- Go 1.13.10
- Linux kernel 4.19.76
- LinuxKit init, runc and containerd

Bug fixes and minor changes

WSL 2

- Docker Desktop only exposes host ports in Linux if the Windows port is available.

- Docker Desktop now allows users to refresh the list of distributions.
- Docker Desktop defaults to WSL 2 on install on compatible OS versions.
- Docker Desktop detects missing Linux kernel and adds a pointer to the Microsoft documentation to download the kernel.
- Detect when the WSL 2 backend stops and allow the user to restart it.
- Added support for `chmod/chown` on WSL 2 bind mounts. Fixes docker/for-win#6284.
- Added a check that virtualization is enabled in the BIOS.

Filesharing

- Fixed a bug where renaming parent directories of shared folders led to spurious `File not found` errors. Fixes docker/for-win#6200.
- Fixed bug where a letter and two digit root folder name causes docker-compose to fail creating directories inside the volume. Fixes docker/for-win#6248.
- Fixed a bug which prevented containers from seeing file updates on shared volumes, when under load and a container restarts. Fixes docker/for-win#5530.
- Fixed a bug where host paths are incorrectly translated into VM paths. Fixes docker/for-win#6209.
- Fixed bug receiving file events on long paths (> 260 characters). Fixes docker/for-win#6337.
- Docker Desktop represents valid directory junctions as directories (rather than symlinks) and handles cache invalidation and event injection properly. Fixes docker/for-win#5582.

Other fixes

- Reduced the size of the Docker Desktop installer from 960 MB to 409 MB.
- Added an option to delete data from the Troubleshoot screen.
- Fixed a bug where containers disappeared from the UI when Kubernetes context is invalid. Fixed docker/for-win#6037.
- Fixed Windows event logs filtering when copying them to the Docker Desktop log files. Fixed docker/for-win#6258.
- Fixed a handle leak in `vpnkit-bridge`. Fixed docker/for-win#5841
- Fixed bug when removing Docker Desktop virtual switch.
- Added a link to the Edge channel from the UI.
- Made the embedded terminal resizable.
- Fixed a bug which only respected the `expose on TCP` Docker engine API setting on application restart. Setting will now take effect when the Apply button is clicked.
- Fixed a bug where diagnostic upload would fail if the username contained spaces.
- Docker Desktop now reads the Hyper-V VM disk max size on startup and uses it as the value to display in the Settings.

- Fixed a bug where the Docker Desktop UI could be started without the engine. Fixes docker/for-win#5376.
- Docker Desktop now uses the least possible privilege for querying the Server service. Fixes docker/for-win#5150.
- Fixed an issue where a container port could not be exposed on a specific host IP. See docker/for-win#5546.
- Removed port probing from dashboard, just unconditionally showing links to ports that should be available. Fixes docker/for-win#5903.
- Ceph support has been removed from Docker Desktop to save disk space.
- Fixed an issue that caused the Windows log file archive to grow indefinitely. Fixes docker/for-win#5113.
- Added a prerequisite check in the installer for the LanmanServer service. Fixes docker/for-win#5150

Known issues

- Some CLI commands fail if you are running Docker Desktop in the experimental Linux Containers on Windows (LCOW) mode. As alternatives, we recommend running either traditional Linux containers, or the WSL 2 backend.

WSL 2

- Swarm service bind mounts are not always restored correctly.
- Bind mounts of files living outside of the root mount point (files within `/mnt/c`, `/tmp`, `/run...`) don't work correctly when multiple containers mount them.

Docker Desktop Community 2.2.0.5

2020-04-02

Bug fixes and minor changes

- Docker Desktop generates `fsnotify.WRITE` events in Linux containers when files are changed on the host. Fixes docker/for-win#5530.

- Fixed a race condition in `readlink` on shared volumes using "mfsymlinks". Fixes docker/for-win#5793.
- Made the VM time sync more reliable. See docker/for-win#4526.
- Fixed bug where files did not change in shared volumes when using `volumes_from` in `docker-compose.yml`. See docker/for-win#5530.
- Fixed a bug where opening a read-only file would fail with an `Operation not permitted` error. Fixes docker/for-win#6016 and docker/for-win#6017.

Docker Desktop Community 2.2.0.4

2020-03-13

Upgrades

- Docker 19.03.8

Bug fixes and minor changes

- Security: Diagnostics were collected with Administrator privileges, which led to a possible privilege escalation on systems where the Docker Desktop user was not an administrator.
- Docker Desktop now displays hidden files in shared volumes. Fixes docker/for-win#5808.
- Docker Desktop now generates the inotify `MODIFY` events on shared file systems for Windows file sharing. Fixes docker/for-win#5530.
- Attempts to create files in a shared volume with an identical filename but a different case (uppercase/lowercase) on Windows filesystem will now fail with the error `EEXIST`. Fixes docker/for-win#5894.
- Fixed cache invalidation and event injection in shared volumes with host paths longer than 260 characters.
- Docker Desktop now allows users to rename open files in shared volumes. Fixes docker/for-win#5565.
- Fixed an issue which caused Docker Desktop Dashboard to attempt connecting to all exposed ports inside a container. Fixes docker/for-win#5903.
- Kubernetes: Persistent volumes created by claims are now stored in the virtual machine. Fixes docker/for-win#5665.

- Fixed an issue which caused Docker Desktop to hang when users tried to reset to factory defaults.
- Fixed a file sharing issue that caused Docker Desktop to lock random files. Fixes docker/for-win#5624 and docker/for-win#5575.

Known issues

- Some CLI commands fail if you are running Docker Desktop in the experimental Linux Containers on Windows (LCOW) mode. As alternatives, we recommend running either traditional Linux containers, or the experimental WSL backend.
- It is not possible to resize the disk image using the Docker Desktop **Settings** UI. If you would like to update the size of the disk image (for example, to 128 GB), run the following command in PowerShell:

```
Resize-VHD -Path 'C:\ProgramData\DockerDesktop\vm-data\DockerDesktop.vhdx' -SizeBytes 128gb
```

Docker Desktop Community 2.2.0.3

2020-02-11

Upgrades

- Docker Compose 1.25.4
- Go 1.12.16

Bug fixes and minor changes

- Fixed an issue that prevented users from creating files with special characters in the filenames within a shared volume. Fixes docker/for-win#5520.
- Fixed handling of shared volumes with relative paths in `docker-compose.yml`. Fixes docker/for-win#5516.
- Fixed handling of shared volumes where the path case (uppercase / lowercase) did not exactly match the host. Fixes docker/for-win#5516.

- Fixed an issue where changing a file in the Windows file system did not update the file within the container. Fixes docker/for-win#5530 and docker/for-win#5550.
- Fixed an issue that prevented users from sharing drives and sometimes incorrectly prompted users to enter file system credentials. Fixes docker/for-win#5567.
- Fixed an issue which prevented users from mounting nested volumes. Fixes docker/for-win#5540.
- Fixed a file synchronization issue on bind mounts. Fixes docker/for-win#5533.
- Fixed an issue where timestamps were reset to zero on files within shared volumes. Fixes docker/for-win#5528 and docker/for-win#5543.
- Fixed a bug which caused Docker Desktop to fail when sharing file paths longer than 260 characters. Fixes docker/for-win#5572.
- Fixed an issue where some users were unable to start a container if there is a symlink in a shared volume. Fixes docker/for-win#5582.
- Fixed a bug where users were unable to modify the **Manual proxy configuration** settings through the Docker Desktop UI. Fixes docker/for-win#5606 and docker/for-win#5548.
- Fixed an issue where the Docker Desktop UI failed to start if the `no_proxy` environment variable has an entry that starts with a dot (.). Fixes docker/for-win/5551.
- Fixed a bug that did not allow users to access the Docker Desktop UI on machines with a policy preventing access to the Windows registry. Fixes docker/for-win#5536.
- Fixed an issue where disabling the WSL2 integration and re-enabling it later resulted in broken symlinks. Fixes docker/for-win#5613.
- Fixed a race condition when starting the WSL engine which caused Docker Desktop to incorrectly report that the containers have exited. Fixes docker/for-win#5607.
- Fixed an issue where editing code inside a container resulted in an error. Fixes docker/for-win#5528.
- Fixed a bug where running the command `DockerCli.exe -SharedDrives` failed to display a list of drives that are shared. Fixes docker/for-win#5625.
- Starting with Docker Desktop 2.2.0.3, you must access all shared files using their original case. For example, if you have created a file called `test`, you must open it as `test`. Attempts to open the file as `Test` will fail with the error `No such file or directory`. For more information, see *Tips on shared drives, permissions, and volume mounts* in File sharing.

Known issues

- DockerNAT has been removed from Docker Desktop 2.2.0.0 as using an IP address to communicate from the host to a container is not a supported feature. To communicate from a container to the host, you must use the special DNS name `host.docker.internal`. We also recommend using ports to communicate from the host to a container. For more information, see Networking.
  However, if your current setup relies on IP addresses for communication, you can use a temporary workaround to reinstate DockerNAT. To do this, open `C:\Program Files\Docker\Docker\resources\MobyLinux.ps1` and add `$SwitchName = "DockerNAT"` between line 175 and 176. Note that the temporary workaround to reinstate DockerNAT may be removed from future releases.
- Directory junctions in shared volumes pointing outside the shared volume do not work.
- It is currently not possible to rename open files within shared volumes.
- In some cases, Docker containers do not synchronize time with the host when the host machine is put to sleep.
- It is not possible to use `localhost` in the proxy settings. You can instead use `host.docker.internal` to work around this issue.

Docker Desktop Community 2.2.0.0

2020-01-21

Docker Desktop 2.2.0.0 contains a Kubernetes upgrade. Your local Kubernetes cluster will be reset after installing this version.

Upgrades

- Docker Compose 1.25.2
- Kubernetes 1.15.5
- Linux kernel 4.19.76
- QEMU 4.0.1

New

- **Docker Desktop Dashboard:** The new Docker Desktop **Dashboard** provides a user-friendly interface which enables you to interact with containers and applications, and manage the lifecycle of your applications directly from the UI. In addition, it allows you to access the logs, view container details, and monitor resource utilization to explore the

container behavior. For detailed information about the new Dashboard UI, see Docker Desktop Dashboard.

- **WSL 2 backend:** The experimental Docker Desktop WSL 2 backend architecture introduces support for Kubernetes, provides an updated Docker daemon, offers VPN-friendly networking, and additional features. For more information, see Docker Desktop WSL 2 backend.
- **New file sharing implementation:** Docker Desktop introduces a new file sharing implementation that replaces Samba, CIFS, and Hyper-V networking. The new implementation offers improved I/O performance. Additionally, when using the new file system:
  - Users don't have to expose the Samba port, and therefore do not experience issues related to IT firewall or drive-sharing policy.
  - There is no need to provide user credentials to Docker Desktop. File access rights are automatically enforced when accessing mounted folders through containers.

    For more information, see the blog post New file sharing implementation in Docker Desktop Windows.
- Added the **WSL Integration** option in **Settings** > **Resources** to select WSL 2 distributions. This option will be visible only after enabling WSL 2 on your machine.
- Introduced a new user interface for the Docker Desktop **Settings** menu.
- The Restart, Reset, and Uninstall options are now available on the **Troubleshoot** menu.
- Added the ability to start and stop existing Compose-based applications and view combined logs in the Docker Desktop **Dashboard** UI.

Bug fixes and minor changes

- Enabled Windows features such as Hyper-V and Containers during installation, thereby reducing the need for another restart after installation.
- Added support for `Expect: 100-continue` headers in the Docker API proxy. Some HTTP clients such as `curl` send this header when the payload is large, for example, when creating containers. Fixes moby/moby#39693.
- Added a loading overlay to the **Settings** and **Troubleshoot** windows to prevent editing conflicts.
- Deactivated the **Reset Kubernetes** button when Kubernetes is not activated.
- Improved the navigation in **Settings** and **Troubleshoot** UI.
- Docker Machine is no longer included in the Docker Desktop installer. You can download it separately from the Docker Machine releases page.
- Docker Desktop now automatically restarts after an update.
- Fixed an issue where Docker Desktop auto-start was not being disabled properly on some machines.
- Fixed a container start error when a container has more than one port with an arbitrary or not-yet-configured external port number. For example, `docker run -p 80 -p 443 nginx`). Fixes

docker/for-win#4935 and docker/compose#6998.

- Fixed an issue which caused Docker Desktop to crash when resetting to factory defaults while running Windows containers.
- Fixed multiple issues related to Fast Startup.
- Docker Desktop now supports `inotify` events on shared filesystems.
- Docker Desktop startup is now more reliable and does not clash with host firewall software.
- Fixed a rare issue that caused to Docker Desktop to crash with the error `Unable to stop Hyper-V VM: Cannot validate argument on parameter 'SwitchName'. The argument is null or empty.`
- Fixed a bug that caused a rare crash when uninstalling Docker Desktop.
- Fixed an issue that caused Docker Desktop to fail on startup when there is an incomplete Kubernetes config file.
- Fixed various stability issues.

Known issues

- When you start a Docker Compose application and then start a Docker App which has the same name as the Compose application, Docker Desktop displays only one application on the Dashboard. However, when you expand the application, containers that belong to both applications are displayed on the Dashboard.
- When you deploy a Docker App with multiple containers on Kubernetes, Docker Desktop displays each Pod as an application on the Dashboard.
- WSL 2 requires Windows 10 Insider Preview build 19018 or greater.
- The Dashboard stops updating when you switch the container mode between Linux and Windows. To work around this issue, close and reopen the Dashboard.
- The new gRPC FUSE file sharing implementation does not support connecting to new drives (for example, USB drives) added after Docker Desktop starts. If you would like to share the new drive in Docker Desktop, you must quit Docker Desktop and then start the application to refresh the list of drives in Settings.
- Sharing files from virtual drives created by `ImDisk Toolkit` does not work.

Docker Desktop Community 2.1.0.5

2019-11-18

Docker Desktop 2.1.0.5 contains a Kubernetes upgrade. Note that your local Kubernetes cluster will be reset after installing this version.

Upgrades

- Docker 19.03.5
- Kubernetes 1.14.8
- Go 1.12.13

Docker Desktop Community 2.1.0.4

2019-10-21

Docker Desktop 2.1.0.4 contains a Kubernetes upgrade. Note that your local Kubernetes cluster will be reset after installing this version.

Upgrades

- Docker 19.03.4
- Kubernetes 1.14.7
- Go 1.12.10
- Kitematic 0.17.9

New

Docker Desktop now enables you to sign into Docker Hub using two-factor authentication.

Docker Desktop Community 2.1.0.3

2019-09-16

Upgrades

- Kitematic 0.17.8

Docker Desktop Community 2.1.0.2

2019-09-04

Docker Desktop 2.1.0.2 contains a Kubernetes upgrade. Your local Kubernetes cluster will be reset after installing this version.

Upgrades

- Docker 19.03.2
- Kubernetes 1.14.6
- Go 1.12.9
- Docker Machine 0.16.2

Docker Desktop Community 2.1.0.1

2019-08-08

Note that you must sign in and create a Docker ID in order to download Docker Desktop.

Upgrades

- Docker 19.03.1
- Docker Compose 1.24.1
- Kubernetes 1.14.3
- Compose on Kubernetes 0.4.23
- Docker Machine 0.16.1

- linuxkit v0.7
- Linux Kernel 4.9.184
- Kitematic 0.17.6
- Qemu 4.0.0 for cross compiling for ARM
- Alpine 3.10
- Docker Credential Helpers 0.6.3

New

- Selecting the 'Experimental features' checkbox in the Daemon, **Settings** menu turns on experimental features for Docker daemon and Docker CLI.
- Docker Desktop now checks for stored credentials at startup before attempting to mount any shared drives. This prompts users to reenter the credentials if they are invalid.

Experimental

> Experimental features provide early access to future product functionality. These features are intended for testing and feedback only as they may change between releases without warning or can be removed entirely from a future release. Experimental features must not be used in production environments. Docker does not offer support for experimental features.

Docker Desktop Community 2.1.0.0 contains the following experimental features:

- Docker App: Docker App is a CLI plugin that helps configure, share, and install applications.
- Docker Buildx: Docker Buildx is a CLI plugin for extended build capabilities with BuildKit. For more information, see the Build page.

Bug fixes and minor changes

- Fixed PowerShell script signing issue that caused `AuthorizationManager check failed` errors on machines with strict group policies on PowerShell script signing. docker/for-win#4376
- Fixed an issue where users were unable to start Docker Desktop after upgrading to version 2.1.0.0. docker/for-win#4390
- Fixed an issue where attempts to upgrade Docker Desktop to version 2.1.0.0 sometimes failed with the error `value cannot be null`. docker/for-win#4343

- Fixed an issue that caused the installer to hang when upgrading Docker Desktop to version 2.1.0.0. docker/for-win#4387
- Improved the error messages displayed during VM lifecycle operations. docker/for-win#4348
- Docker Desktop now supports a configurable user timeout for VMs on slower machines. docker/for-win#4393
- Restricted the `cluster-admin` role on local Kubernetes cluster to `kube-system` namespace.
- Reduced the VM startup time. swap is not created every time a virtual machine boots.
- Fixed a bug which caused Windows to crash when a user cancels switching the version using Windows User Account Control (UAC) settings.
- Fixed an issue where Docker Desktop restarts when a user logs out of Windows and logs back in, which results in retaining the exported ports on containers.
- Fixed Kubernetes installation with VPNkit subnet.
- Fixed a bug where the process output was not redirected to stdout when gathering diagnostics on Windows, which sometimes resulted in a crash.
- Fixed race condition where Kubernetes sometimes fails to start after the app is restarted.
- The system tray icon now opens the Docker Desktop menu with left and right mouse button.
- When displaying the crash report window, Docker Desktop does not send a bugsnag crash report unless the user needs the report to upload diagnostics.
- Docker Desktop has removed the ability to log in using email address as a username as the Docker command line does not support this.
- For Linux containers on Windows (LCOW), the host must run Windows 10 Professional or Windows 10 Enterprise version 1809 or later.
- The **Send usage statistics** checkbox is selected by default in Docker Desktop for Windows Community. This option cannot be modified.
- Docker Desktop has added a new dialog box during startup which allows users to retry mounting a shared drive or remove it from the shared drives list after a failed attempt.
- Fixed the Kubernetes Delete operation of persistent volume claims on Windows.
- Docker Desktop now truncates UDP DNS responses which are over 512 bytes in size.
- Fixed a bug where Docker was not added to PATH after installation in some cases.
- Fixed port 8080 that was used on localhost when starting Kubernetes.
- Renamed the product from **Docker for Windows** to **Docker Desktop**.
- Fixed the **Create issue** link in the Diagnostics window.
- Fixed a bug related to service log collection in diagnostics.
- Docker Desktop now gathers `/etc/hosts` to help with diagnostics.
- Added the missing daemon options in Docker Engine 18.09.
- When two services have a common exposed port, Docker Desktop exposes the available ports for the second service.
- Fixed the UI lock when changing the Kubernetes state.

Docker Community Edition 2.0.0.3 2019-02-15

- Upgrades
  - Docker 18.09.2, fixes CVE-2019-5736
- Bug fix
  - Fix crash in system tray menu when the Hub login fails or Air gap mode

Docker Community Edition 2.0.0.2 2019-01-16

- Upgrades
  - Docker 18.09.1
  - Docker Machine 0.16.1
  - Kubernetes 1.10.11, fixes CVE-2018-1002105
  - Kitematic 0.17.6
  - Golang 1.10.6, fixes CVEs: CVE-2018-16875, CVE-2018-16873 and CVE-2018-16874
  - Windows 14393 is marked as deprecated ; it will not be supported anymore in the next major stable release (2.1.0.0 and further)
- Bug fixes and minor changes
  - Rename Docker for Windows to Docker Desktop
  - Add 18.09 missing daemon options

Docker Community Edition 2.0.0.0-win81 2018-12-07

- Upgrades
  - Docker compose 1.23.2
- Bug fixes and minor changes
  - Compose: Fixed a bug where build context URLs would fail to build on Windows.

    Fixes docker/for-win#2918

Docker Community Edition 2.0.0.0-win78 2018-11-19

- Upgrades
  - Docker 18.09.0
  - Docker compose 1.23.1
  - Docker Machine 0.16.0
  - Kitematic 0.17.5
  - Linux Kernel 4.9.125
- New
  - New version scheme
- Deprecation
  - Removed support of AUFS
- Bug fixes and minor changes
  - Windows Containers: Fix group daemon option settings. Fixes docker/for-win#2647
  - Windows Containers: Better host.docker.internal resolution, don't rewrite it if not modified. From docker/for-win#1976
  - Do not try to update samba share mounts when using Windows Containers
  - Improved dns update too verbose in logs
  - VPNKit: Improved scalability of port forwarding.
  - VPNKit: Limit the size of the UDP NAT table. This ensures port forwarding and regular TCP traffic continue even when running very chatty UDP protocols.
  - LCOW does not need --platform flag on multi-arch images any more
  - Disk size can now be adjusted from 32GiB to drive space.
  - Fix dns update too verbose in logs
  - Fix panic in diagnose

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