

What's New in Parallels Desktop 12 for Mac

Parallels Desktop 12 for Mac is the simplest, most powerful solution for running Windows on Mac without rebooting. For more information, see the Parallels Desktop 12 for Mac documentation: <http://www.parallels.com/products/desktop/resources/>

About this Update

This update for Parallels Desktop 12 for Mac 12.0.1 (41296) addresses overall stability and performance issues, and includes the following fixes:

- Resolves an issue with virtual machines booting into a black screen.
- Resolves an issue with Windows applications missing from the Dock after upgrading to Parallels Desktop 12 for Mac. If you have already upgraded and apps are missing, relaunch the apps from Windows and pin them to the Dock again. Then delete any broken app icons from the Dock.
- Resolves an issue with file associations not being remembered after installing Parallels Desktop for Mac updates (any missing associations must be created again).
- Resolves an issue with virtual machine crashing after connecting or disconnecting an external display.
- Resolves an issue with printing from Windows using a shared printer from Mac.
- Resolves an accidental issue with the mouse losing focus in Windows and releasing to Mac.
- Resolves issues with Windows 10 repeatedly asking to set a default browser and not preserving the setting to open URLs from Windows in Mac.
- Resolves an issue with Parallels Tools not installing in Linux virtual machines with 4.7 kernel.
- Resolves an issue with memory leaks in Linux Shared Folder driver.

What's New in Parallels Desktop 12 for Mac

Performance

- Up to 90 percent faster snapshot creation.
- Up to 60 percent faster suspending of virtual machines.
- Up to 25 percent faster Shared Folders performance.
- Up to 10 percent battery life improvement.
- Improved virtual machine responsiveness when your Mac is low on free memory.

- For better performance, when Windows is idle but you're working in OS X, Windows will no longer perform resource-intensive maintenance tasks.

Windows 10

- Schedule when Windows 10 does maintenance, like downloading and installing updates.

Productivity

- New options to Windows apps settings in the Dock: Keep Mac Awake, Always Hide Others, Enable Do Not Disturb, Start in Full Screen.
- Ability to open Microsoft Office online documents from your Mac browser in Windows office apps (Excel, Word, PowerPoint).
- Quicker attachments: list of recent files in File Explorer and Outlook 2016 for Windows now shows files which were opened, edited, or downloaded recently on the Mac.
- New mode that puts virtual machines in the background to make them ready in seconds when needed.

Other New Features

- Simplified backup: one year of Acronis True Image 500GB cloud backup storage, which can back up changes to a virtual machine instead of having to resave the entire virtual machine every time changes are made.
- Ability to run a virtual machine in Coherence without the Parallels Desktop icon in the Dock.
- Retina display: resizing a Windows 10 virtual machine window preserves proper size of text and icons.
- Retina display: when using Windows 10 on a Mac laptop with external display(s) connected, you can set an independent screen resolution for each display.
- An option to store Edge and Internet Explorer passwords in Mac Keychain.
- Retina resolution support for OS X virtual machines.

General Enhancements

- New design for virtual machine windows in shutdown, suspended, and paused states, including updated screens when starting or resuming a virtual machine in Coherence and a "Play" control on the virtual machine thumbnail in Control Center.
- Native look for .exe files on the Mac desktop and in the Finder.
- Fully featured toolbar for virtual machines in full screen mode.

Parallels Toolbox for Mac

The Parallels Toolbox feature in Parallels Desktop 12 for Mac and the Pro Edition makes it easy to perform 20 common tasks on the Mac with simple single-function tools that don't require settings customization. With the Pro Edition or a subscription to the stand-alone Parallels Toolbox for Mac, additional tools will be made available every few months to make your life even easier. Initial tools include:

- Audio and video management: record audio, mute microphone, video downloader, and video convertor.
- Screenshots made simple: capture area, window, or screen.
- Screen recording: record area, window, or screen.
- Time management: alarm, timer, date countdown, and stopwatch.
- Peace, productivity and privacy: do not disturb, do not sleep, hide desktop icons, and lock screen.
- Archiving: archive and un-archive.

Parallels Desktop 12 for Mac Pro Edition

Includes all the features of Standard Edition, plus these additional features:

- Compile Visual Studio projects on shared folders up to 25 percent faster.
- Limit virtual machines disk I/O speed, CPU usage, and bandwidth when you want to run tasks in multiple virtual machines.
- In-place virtual machine archiving even when running out of free disk space.
- Pre-defined profiles for testing network related apps in virtual machines: 100% Loss, 3G, DSL, EDGE, Very Bad Network, Wi-Fi.
- New advanced settings for Shared Folders.
- Support for `/etc/resolver/` - set name servers for specified zones when you are in VPN.
- Support for Secure Boot standard for Windows 10 virtual machines.
- Support for Apple Hypervisor engine.
- Quick access to built-in Windows utilities from virtual machine title bar.

System Requirements

- Any Mac computer running OS X Yosemite 10.10.5, OS X El Capitan 10.11.5 or newer, macOS Sierra 10.12.
- 4 GB of memory (8 GB recommended).

- 850 MB of disk space on the boot volume (Macintosh HD) for Parallels Desktop installation.
- Additional disk space for virtual machines (SSD drives recommended for better performance).

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