

VMware Tools Services

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VMware Tools Daemon Service

: This application runs in the background. It is called

`vmtoolsd.exe`

on Windows guest operating systems,

`vmware-tools-daemon`

on Mac OS X guest operating systems, and

`vmtoolsd`

on Linux, FreeBSD, and Solaris guest operating systems. The VMware Tools service performs the following tasks using the plug-ins:

- `autohidpi`
 - Set guest screen resolution for Mac OS X guest operating systems.
- `autoLogon`
 - Bypasses the guest operating system login when powering on a VM.
- `autoUpgrade`
 - Handles VMware Tools upgrade operations.
- `bitMapper`
 - Creates a bit map of disk blocks used by the guest operating system, used in vMotion.
- `deployPkg`
 - Handles guest customization operations.
- `desktopEvents`
 - Starting or stopping VMware Tools user service based on screen/X11 changes.

This is a VMware Tools user service plugin.

- `disableGuestHibernate`

- Disables option for hibernation in guest operating system.
- diskWiper
 - Releases unused guest disk blocks so they can be reclaimed by the hypervisor.
- dndcp
 - Drag and drop, copy and paste operations. Enables copying and pasting of text, graphics, and files between guest operating systems and hosts or client desktops. This is a VMware Tools user service plugin.
- appInfo
 - Collects the information about running applications inside the guest and publishes the information to a guest variable.
- guestInfo
 - Collects and reports guest information and statistics to hypervisor.
- hgfsServer
 - HGFS server for transferring files, drag and drop and VMware Tools upgrade operations.
- hgfsUsability
 - Handles mapping HGFS folders to special user folders, adds HGFS links to the desktop.
- hwUpgradeHelper
 - Handles changes due to virtual hardware upgrade.
- powerOps
 - Handles graceful shutdown and reboot of the guest, and execution of scripts for a power operation.
- resolutionKMS
 - Handles communicating guest user interface topology to the vmwgfx drm (direct rendering manager) driver.

This plugin is for Linux only.

- resolutionSet
 - Handles guest screen re-sizing when

vmwgfx drm

(direct rendering manager) driver is not available.

- timeSync
 - Synchronizes guest clock with host clock at power on or resume.
- vmbackup
 - Handles freezing and thawing file systems during a quiesced snapshot operation.
- vmtray
 - Provides VMware Tools tray icon and pop-up menu.

This is a VMware Tools user service plugin.
- vsep
 - Manages NSX file and network introspection.
- vix
 - Handles guest operations related to files, processes, and registry.

Source: <https://techdocs.broadcom.com/us/en/vmware-cis/vsphere/tools/12-4-0/vmware-tools-administration-12-4-0/introduction-to-vmware-tools/vmware-tools-service.html>