



VMware Tools Add-On Package

Feature Description

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1 Introduction

It is possible to install add-on packages in the Kemp LoadMaster. Add-on packages provide features that are additional to those already included in the LoadMaster.



The Virtual LoadMaster is VMware ready. The VMware Tools add-on package comes pre-installed on all new VMware Virtual LoadMasters as of firmware version 7.0-14. It is not possible to install add-on packages on pre-7.0-14 firmware. If needed, you can upgrade the LoadMaster firmware to version 7.0-14 or above and then install the add-on package.

If the VMware Tools Add-On package was pre-installed on the LoadMaster it is not possible to delete it.

In **System Configuration > System Administration > Update Software** screen, if an installed add-on package cannot be started, the text will display in red the hover text will say the package could not be started.

This add-on package provides additional functionality in VMware vSphere, Workstation and Player. It provides the ability to shut down and restart the guest cleanly.

1.1 Document Purpose

The purpose of this document is to educate the reader about the VMware Tools Add-On package.

1.2 Intended Audience

This document is intended to be read by anyone who is interested in learning about the VMware Tools add-on package.

2 VMware Tools Add-On Package

The additional functionality provided by the VMware Tools add-on package is described below.

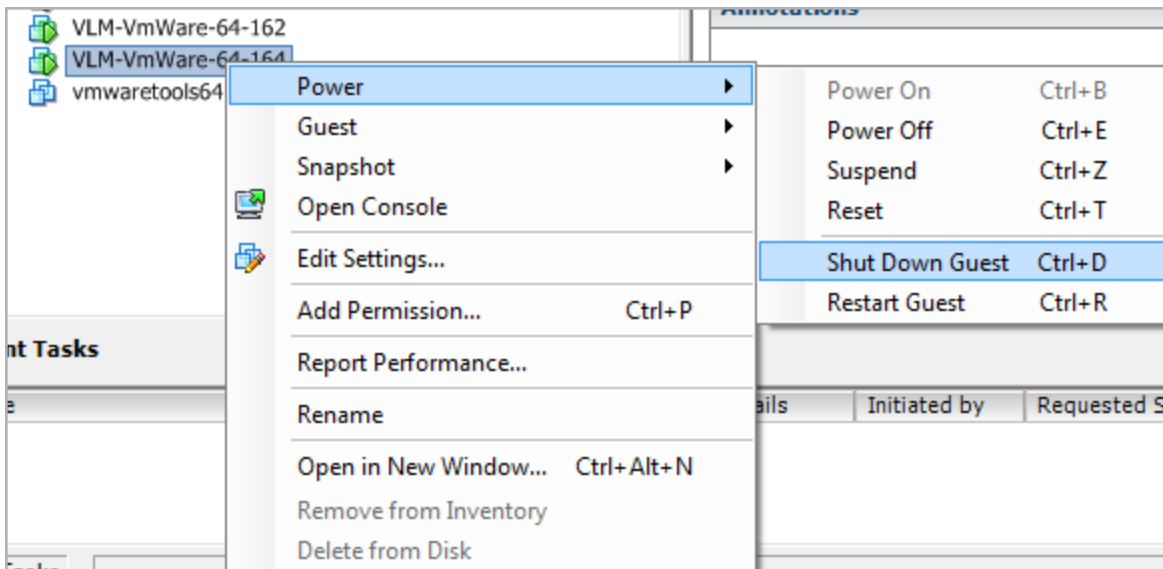
2.1 Power Off vs. Shut Down Guest

Using the power off button abruptly powers off the Virtual Machine, with no consideration for work in progress. This can damage the file system. If a Virtual Machine is writing to disk when it receives a Power Off command, data corruption may occur.

Shutting down the guest ensures that the operating system recognizes the signal and shuts down gracefully. This protects the file system.

The Kemp VMware Tools add-on package allows you to shut down or restart the guest, as opposed to abruptly powering off or restarting.

2.2 Shut Down/Restart Guest in vSphere



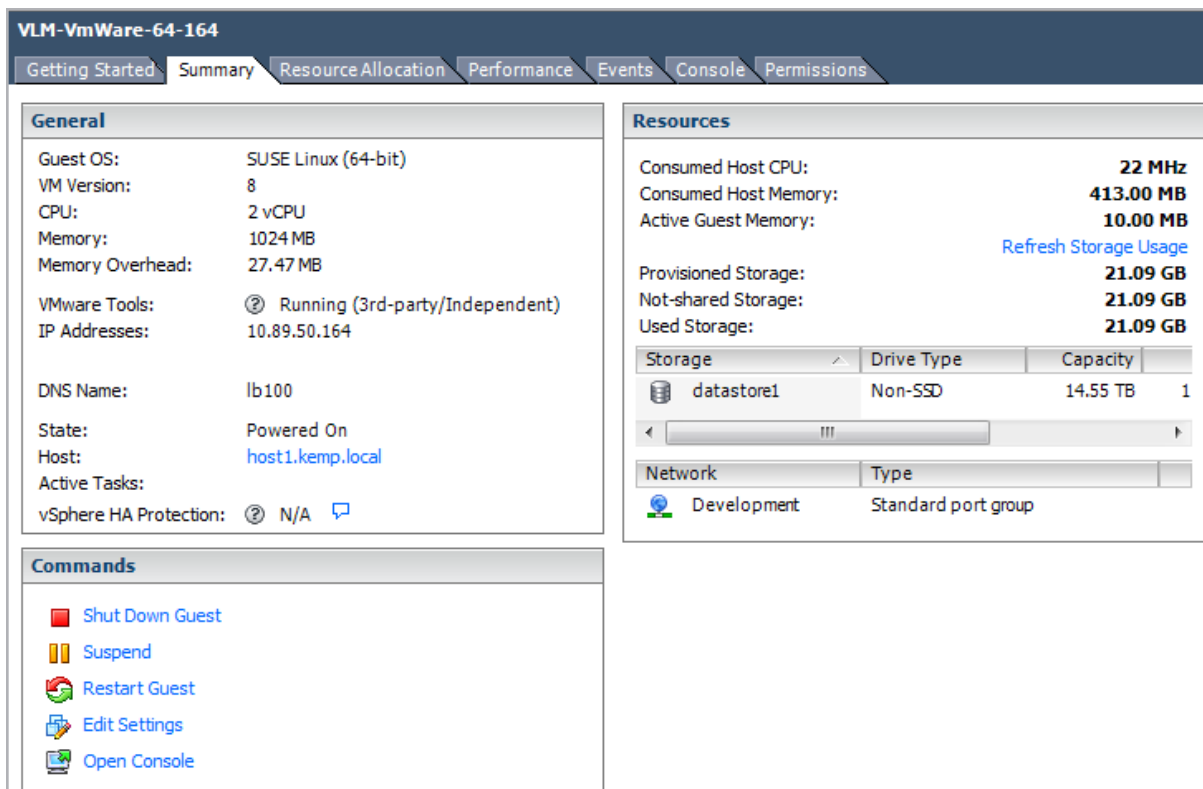
To shut down or restart the guest in vSphere, right-click the relevant Virtual Machine and select either **Shut Down Guest** or **Restart Guest**.

These options will be greyed out if the VMware Tools add-on package is not installed on the LoadMaster.

2.3 Shut Down Guest in Workstation

To shut down the guest in VMware Workstation, select the Virtual Machine, select **VM > Power > Shut Down Guest**.

2.4 Additional Information on Summary Screen in vSphere



VLM-VmWare-64-164

Getting Started | **Summary** | Resource Allocation | Performance | Events | Console | Permissions

General

Guest OS: SUSE Linux (64-bit)
 VM Version: 8
 CPU: 2 vCPU
 Memory: 1024 MB
 Memory Overhead: 27.47 MB
 VMware Tools: Running (3rd-party/Independent)
 IP Addresses: 10.89.50.164
 DNS Name: lb100
 State: Powered On
 Host: host1.kemp.local
 Active Tasks:
 vSphere HA Protection: N/A

Resources

Consumed Host CPU: **22 MHz**
 Consumed Host Memory: **413.00 MB**
 Active Guest Memory: **10.00 MB**
[Refresh Storage Usage](#)
 Provisioned Storage: **21.09 GB**
 Not-shared Storage: **21.09 GB**
 Used Storage: **21.09 GB**

Storage	Drive Type	Capacity
datastore1	Non-SSD	14.55 TB

Network	Type
Development	Standard port group

Commands

Shut Down Guest
 Suspend
 Restart Guest
 Edit Settings
 Open Console

When the VMware Tools add-on package is installed, additional information will be displayed on the **Summary** screen in VMware vSphere, for example:

- The Guest OS will be SUSE Linux
- The VMware Tools field will say Running (3rd-party/Independent)
- The **IP Addresses** field will display the IP address of the LoadMaster WUI
- The **DNS Name** will be displayed

- There will be options to **Shut Down Guest** and **Restart Guest**

3 References

Unless otherwise specified, the following documents can be found at <http://kemptechnologies.com/documentation>.

Web User Interface (WUI), Configuration Guide

Last Updated Date

This document was last updated on 27 July 2023.