

# vCenter Hyperic Supported Configurations and System Requirements

vCenter Hyperic 5.8

This document supports the version of each product listed and supports all subsequent versions until the document is replaced by a new edition. To check for more recent editions of this document, see <http://www.vmware.com/support/pubs>.

EN-000993-03

**vmware**<sup>®</sup>

You can find the most up-to-date technical documentation on the VMware Web site at:

<http://www.vmware.com/support/>

The VMware Web site also provides the latest product updates.

If you have comments about this documentation, submit your feedback to:

[docfeedback@vmware.com](mailto:docfeedback@vmware.com)

Copyright © 2015 VMware, Inc. All rights reserved. [Copyright and trademark information.](#)

**VMware, Inc.**  
3401 Hillview Ave.  
Palo Alto, CA 94304  
[www.vmware.com](http://www.vmware.com)

# Contents

- 1 About vCenter Hyperic Supported Configurations and System Requirements Guide 5
- 2 Operating System Support and Requirements 7
  - vCenter Hyperic Server 7
  - vCenter Hyperic Agent 8
- 3 Host Machine Requirements 9
- 4 vCenter Hyperic Server-Supported Databases 11
- 5 Supported Browsers 13
- 6 Agent-Server Compatibility Requirements 15
- 7 Drivers for Monitoring Databases 17



# About vCenter Hyperic Supported Configurations and System Requirements Guide

---

# 1

vCenter Hyperic Supported Configurations and System Requirements Guide provides a list of the hardware, software and operating systems that are required to install and run VMware<sup>®</sup> vCenter<sup>™</sup>Hyperic<sup>®</sup> functionality.

## Intended Audience

This guide is intended for anyone who will install and run the vCenter Hyperic environment.



# Operating System Support and Requirements

# 2

This topic shows supported configurations and related requirements for vCenter Hyperic server and agent.

- [vCenter Hyperic Server](#) on page 7  
This topic shows operating system support and requirements for vCenter Hyperic server.
- [vCenter Hyperic Agent](#) on page 8  
This topic shows supported configurations for the vCenter Hyperic agent. These configurations are supported for the agent in both development and production environments.

## vCenter Hyperic Server

This topic shows operating system support and requirements for vCenter Hyperic server.

The table shows operating system support and requirements for vCenter Hyperic server. The table includes the configurations listed in the Supported Platforms and Configurations section of vFabric Suite documentation, as well as additional configurations supported by standalone vCenter Hyperic.

**Table 2-1.** Supported Operating Systems for the vCenter Hyperic Server

Operating System	Processor Architecture	JVM	Production/Developer Support	Scaling Considerations
Pre-deployed virtual appliance (vAPP)	x86_64	Oracle Java SE 7	Production	Best configuration for environments with greater than 1000 managed platforms.
RedHat Enterprise Linux (RHEL) 5, or CentOS 5.x	x86_64	Oracle Java SE 7	Production	
RedHat Enterprise Linux (RHEL) 6	x86_64	Oracle Java SE 7	Production	For medium scale environments
SuSE Enterprise Linux (SLES) 11	x86_64	Oracle Java SE 7	Production	For medium scale environments
Microsoft Windows Server 2008	x86_64	Oracle Java SE 7	Production	For medium scale environments

On Unix-like platforms, the vCenter Hyperic server requires the `libxp.so.6` library to create charts and other graphics in the vCenter Hyperic user interface. The location of this library varies according to version and provider.

Provider	Comment
Enterprise Linux	From RedHat Enterprise Linux 4 and CentOS 4, libXp.so.6 is in the xorg-x11-deprecated-libs RPM.
Debian	Install the libxp6, libxt6, libxtst6, and libx11-6 packages.
Fedora Core 5	From Fedora Core 5, the libXp.so library has been separated to its own package. Install the libXp RPM.
Other distributions	The required libraries can be found in either the XFree86-libs or the xorg-x11-libs package.

\*Host operating systems should employ a method of time sync (NTP). This is required to ensure accuracy of metric data reporting and alerts.

\*\*The table indicates whether the supported configuration is for production or development. Generally, production support means you can run your production application on the platform; developer support means you can develop on the platform but you should not run your production application on it. Many developers use consumer-focused operating systems that are not certified for production use, and most vCenter products function well on popular consumer operating systems. The developer support designation is intended to convey which products are "known to work" and that VMware will provide best-effort support for resolving reported issues that are discovered. Developer Support certifications are not supported for use in production.

## vCenter Hyperic Agent

This topic shows supported configurations for the vCenter Hyperic agent. These configurations are supported for the agent in both development and production environments.

**Table 2-2.** Agent Requirements

Operating System*	Processor Architecture	JVM	Scaling Considerations
RedHat Enterprise Linux (RHEL) 5.x, 6.x, 7.x	x86_64, x86_32 (not tested for v.7.x)	Oracle Java SE7	RHEL 7 requires vCenter Hyperic agent 5.8.3, or higher
CentOS 5.x, 6.x, 7.x	x86_64, x86_32	Oracle Java SE7	
SUSE Enterprise Linux (SLES) 11.x, 12.x	x86_64	Oracle Java SE7	SLES 12 requires vCenter Hyperic agent 5.8.3, or higher
Windows 2008 Server, 2008 Server R2	x86_64, x64_32	Oracle Java SE7	
Windows 2012 Server, 2012 Server R2	x86_64, x64_32	Oracle Java SE7	
Solaris 10, 11	x86_64, x86_32, SPARC	Oracle Java SE7	x86 support requires vCenter Hyperic agent 5.8.1, or higher
HP-UX 11.11 or higher	PA-Risc	Oracle Java SE7	
AIX 6.1, 7.1	Power PC	IBM Java SE7	

\*Host operating systems should employ a method of time sync (NTP). This is required in order to ensure accuracy of metric data reporting and alerts.



## Host Machine Requirements

---

This section describes the host system requirements for the vCenter Hypericserver and vCenter Hypericdatabase, assuming that the database runs on a different host than the server.

This section describes the host system requirements for the vCenter Hypericserver and vCenter Hypericdatabase, assuming that the database runs on a different host than the server.

- vCenter Hyperic supports only one server on a host. The host must have a static IP address for server communications.
- vCenter Hyperic supports only one agent on a host.
- If you will manage more more than 100 platforms, run the database on a dedicated host, rather than on the same machine as the server.

In the following table:

- Medium is 50 to 500 managed platforms, or 5000-30000 managed resources.
- Large is 500 to 2,000 managed platforms, or more than 30,000 managed resources.

**Table 3-1.** Host Machine Requirements

Resource	vCenter Hyperic Server	vCenter HypericDatabase required/recommended
Processor	<ul style="list-style-type: none"> <li>■ Medium: 4 or more server class CPUs, 2 GHz or better</li> <li>■ Large: 6 or more server class CPUs, 2 Gz or better</li> </ul>	<ul style="list-style-type: none"> <li>■ Medium: 4 or more server class CPUs, 2 GHz or better</li> <li>■ Large: 8 or more server class CPUs, 2 GHz or better</li> </ul>
RAM	<ul style="list-style-type: none"> <li>■ Medium: 8 GB</li> <li>■ Large: 12 GB or more</li> </ul>	<ul style="list-style-type: none"> <li>■ Medium: 6 GB or more</li> <li>■ Large: 16 GB or more</li> </ul>
Free Disk Space	20 GB	<ul style="list-style-type: none"> <li>■ Medium:200 GB</li> <li>■ Large: 500 GB</li> </ul>



# vCenter Hyperic Server-Supported Databases

---

# 4

This topic lists the databases supported by vCenter Hyperic.

The vCenter Hyperic database supports PostgreSQL or vPostgreSQL 9.1.x.

The vCenter Hyperic server vApp includes a VM with a vPostgreSQL database. The built-in database installed when you run the vCenter Hyperic installer in default mode is PostgreSQL.

For deployments with more than 60 platforms, run the database on a dedicated host, not on the same machine as the vCenter Hyperic server.



## Supported Browsers

---

This topic lists the browsers supported by vCenter Hyperic.

vCenter Hyperic supports the following browsers. Firefox is recommended.

**Table 5-1.**

<b>Browser</b>	<b>Version</b>
Firefox (Recommended) The Skype plugin for Firefox causes unexpected behavior in the Hyperic user interface. Disable the plugin to work around this problem.	11, 12
Internet Explorer	7, 8, 9
Safari	5.0, 5.1
Chrome	21



# Agent-Server Compatibility Requirements

---

# 6

This topic lists the requirements to enable the vCenter Hyperic server and vCenter Hypericagent to communicate.

The vCenter Hyperic agents reporting to the vCenter Hyperic server must be the same version as the vCenter Hyperic server, or an earlier version than the vCenter Hyperic server.





## Drivers for Monitoring Databases

---

This topic discusses requirements for database drivers for the databases used with vCenter Hyperic.

In the open source version of vCenter Hyperic, the plugins packaged with the vCenter Hyperic agent for MSSQL, Oracle, Informix, DB2, and Sybase do not include the database vendor's JDBC plugin. After installing Hyperic HQ, you must download and install the vendor-provided JDBC drivers for these plugins to work.

The database plugins in vCenter Hyperic include the JDBC drivers.

