

vRealize Hyperic Supported Configurations and System Requirements

vRealize Hyperic 5.8.4



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About vRealize Hyperic Supported Configurations and System Requirements Guide

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vRealize 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[®] vRealize[™]Hyperic[®] functionality.

Intended Audience

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

Operating System Support and Requirements

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

- [vRealize Hyperic Server](#)

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

- [vRealize Hyperic Agent](#)

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

vRealize Hyperic Server

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

The table shows operating system support and requirements for vRealize 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 vRealize Hyperic.

Table 2-1. Supported Operating Systems for the vRealize 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 vRealize Hyperic server requires the `libXp.so.6` X library to create charts and other graphics in the vRealize 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, <code>libXp.so.6</code> is in the <code>xorg-x11-deprecated-libs</code> RPM.
Debian	Install the <code>libxp6</code> , <code>libxt6</code> , <code>libxtst6</code> , and <code>libx11-6</code> packages.
Fedora Core 5	From Fedora Core 5, the <code>libXp.so</code> library has been separated to its own package. Install the <code>libXp</code> RPM.
Other distributions	The required libraries can be found in either the <code>XFree86-libs</code> or the <code>xorg-x11-libs</code> 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.

vRealize Hyperic Agent

This topic shows supported configurations for the vRealize 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 vRealize 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 vRealize 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 vRealize Hyperic agent 5.8.1, or higher

Table 2-2. Agent Requirements (Continued)

Operating System*	Processor Architecture	JVM	Scaling Considerations
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 vRealize Hypericserver and vRealize Hypericdatabase, assuming that the database runs on a different host than the server.

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

- vRealize Hyperic supports only one server on a host. The host must have a static IP address for server communications.
- vRealize 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	vRealize Hyperic Server	vRealize HypericDatabase required/recommended
Processor	<ul style="list-style-type: none"> ■ Medium: 4 or more server class CPUs, 2 GHz or better ■ Large: 6 or more server class CPUs, 2 Gz or better 	<ul style="list-style-type: none"> ■ Medium: 4 or more server class CPUs, 2 GHz or better ■ Large: 8 or more server class CPUs, 2 GHz or better
RAM	<ul style="list-style-type: none"> ■ Medium: 8 GB ■ Large: 12 GB or more 	<ul style="list-style-type: none"> ■ Medium: 6 GB or more ■ Large: 16 GB or more
Free Disk Space	20 GB	<ul style="list-style-type: none"> ■ Medium:200 GB ■ Large: 500 GB

vRealize Hyperic Server-Supported Databases

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This topic lists the databases supported by vRealize Hyperic.

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

The vRealize Hyperic server vApp includes a VM with a vPostgreSQL database. The built-in database installed when you run the vRealize 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 vRealize Hyperic server.

Supported Browsers

This topic lists the browsers supported by vRealize Hyperic.

vRealize Hyperic supports the following browsers. Firefox is recommended.

Table 5-1.

Browser	Version
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

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

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

Drivers for Monitoring Databases



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

In the open source version of vRealize Hyperic, the plugins packaged with the vRealize Hypericagent 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 vRealize Hypericinclude the JDBC drivers.