

HP Operations Analytics

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Support Matrix

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Chapter 1: Introduction

This document provides an overview of the system requirements and supported devices for HP Operations Analytics version 2.20.

See HP Software Support to obtain the most up-to-date version of this document .

Chapter 2: Requirements

This section provides information about the supported hardware and software that are required in order to successfully install and run HP Operations Analytics.

Operating System

HP Operations Analytics Server and Collector Appliances install and run on CentOS 6.4.

Databases

HP Operations Analytics deploys and uses HP Vertica 6.1.3-12.

Application Servers

HP Operations Analytics deploys and uses JBoss Application Server 7.2.0.

ArcSight Logger

HP Operations Analytics deploys and uses HP ArcSight Logger. Versions 5.3 SP1 and 5.5 are supported. This deployment deploys and runs on CentOS 6.4

Server Sizing

HP Operations Analytics Components

Table 1 shows the HP Operations Analytics resource requirements for gathering metrics (structured) data, based on the number of nodes being monitored.

For every additional 250 GB of log file (unstructured data) volume per day, HP Operations Analytics requires 1 additional collector (8 CPU, 16GB RAM, 200 GB HDD).

Table 1: Hardware and Software Configuration

Number of Nodes	Collector Appliance	Server Appliance	Vertica Nodes	Number of Concurrent Users
Up to 500	1 Collector (4 CPU, 8 GB RAM, 200 GB HDD)	1 Server (4 CPU, 8 GB RAM, 40 GB HDD)	1 Node (8 CPU, 16GB RAM, 1TB HDD)	5
Up to 5000	3 Collectors (4 CPU, 8 GB RAM, 200 GB HDD)	1 Server (4 CPU, 8 GB RAM, 40 GB HDD)	3 Node Cluster (16 CPU, 64GB RAM, 10TB HDD)	15
Up to 20,000	5 Collectors (4 CPU, 8 GB RAM, 200 GB HDD)	1 Server (4 CPU, 8 GB RAM, 40 GB HDD)	3 Node Cluster (32 CPU, 256GB RAM, 15TB HDD)	25

HP ArcSight Logger components

For every 250 GB of log file volume per day, add 1 additional HP ArcSight Logger (4 CPU, 12 GB RAM, 850 GB for log data storage).

HP Vertica

The first three Vertica nodes support 3TB of daily data. Add one Vertica node for each additional 1TB of daily data (for the HP Operations Analytics default 3-months retention period).

Java

HP Operations Analytics deploys and uses Java SE Development Kit 7 (OpenJDK 1.7.0_51).

Web Servers

HP Operations Analytics uses JBoss Application Server 7.1.1. It does not need to be deployed on a separate web server.

Web Browsers

One of the following supported web browsers is required to run HP Operations Analytics:

- Microsoft Internet Explorer 9.

Note: IE9 running in compatibility mode is not supported.

- Google Chrome (latest version)
- Mozilla Firefox 31 ESR.

General Web Browser Requirements

Assuming that your browser is open to full screen for optimal viewing, the supported client display resolutions are as follows:

- 1366x768
- 1920x 1080

Chapter 3: Compatibility

This section provides information about optional software and configurations that are compatible with HP Operations Analytics 2.20.

Languages

HP Operations Analytics 2.20 will run in browsers whose interface is in any language. However, HP Operations Analytics 2.20 is not localized and will display in English only.

Internationalization Variances

HP Operations Analytics 2.20 will run in all locales as stated in this document with the following known variance:

- Non-English data input is not supported.

Virtualization Products

The HP Operations Analytics software virtual appliance supports the following VMware platform products:

- VMware ESX/ESXi 5.0, 4.1
- vCenter Server 5.0, 4.1

High-Availability Products

HP Operations Analytics 2.20 does not support any high-availability products.

HP Software Integrations

Information about HP software that integrates with HP Operations Analytics can be found on the HP Software Support website.

See [Software Solutions Now](#)

For this release, Operations Analytics supports Splunk version 5.0.2+