



RAYVENTORY[®]

The most comprehensive
Solution for Discovery and
Inventory of Software
and Hardware

Release Notes RayVentory Portal
11.4 SP2



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Release Notes RayVentory Portal

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Contents

Introduction	4
What's New?	5
Resolved Issues	7
Known Issues	8
System Requirements	9
Hardware Requirements	9
Prerequisite Software	9
Additional Information	13

Introduction

RayVentory Portal provides a complete set of products for operating system (OS) inventory, as well as Oracle database, VMware vSphere / ESX, Hyper-V and SNMP inventory. The software includes components which perform:

- Discovery and import of devices and services,
- Agent based and agentless (remote execution, zero-touch) inventory,
- Interfaces for communication between clients and RayManageSoft / RayVentory Distribution and Administration Servers,
- PowerShell automation library to automate daily tasks,
- Task scheduler service to trigger inventories and other operations at specified intervals.

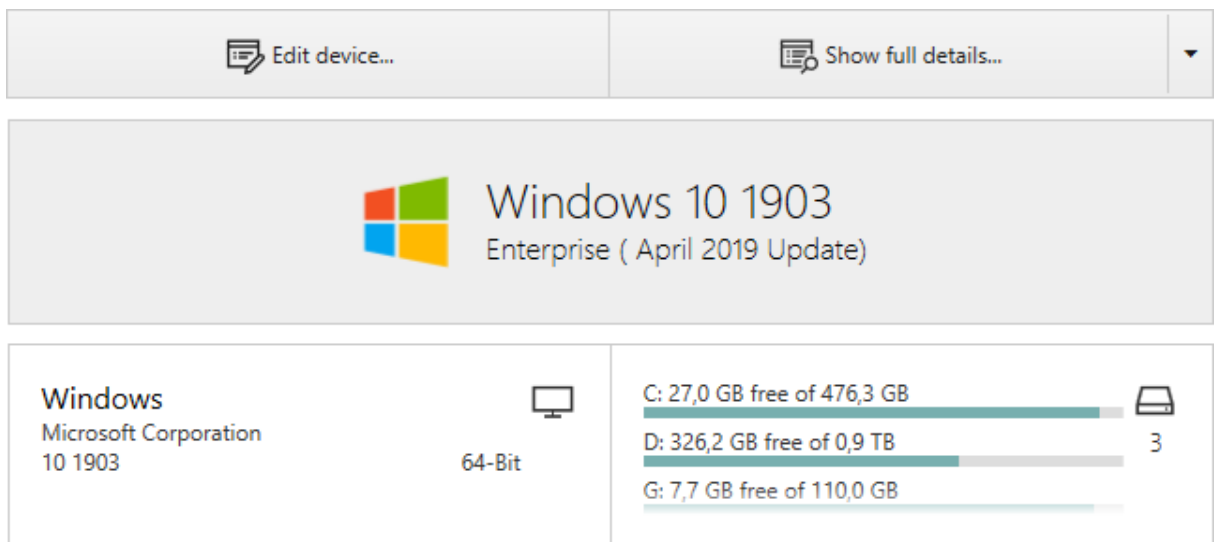
Simplified deployment, flexible configuration, and handful of different inventory methods wrapped in the user friendly interface of RayVentory Portal to provide flexibility for network administrators and IT managers with minimal impact on the existing infrastructure.

This release 11.4 SP2 is a minor upgrade, which contains consolidated hotfixes and patches released since the official release.

What's New?

New features and improvements

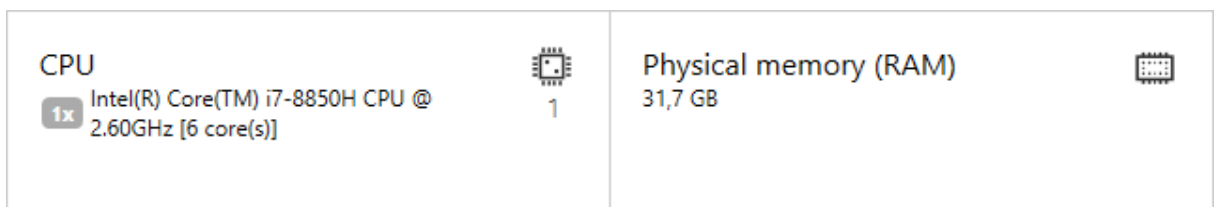
- **RVP-482** We added a new way to display the Operating System, version and edition in the Sidebar of the Devices screen.



The screenshot shows a sidebar with the following information:

- Buttons: "Edit device..." and "Show full details..."
- OS Logo: Windows logo
- OS Name: Windows 10 1903
- OS Edition: Enterprise (April 2019 Update)
- Windows Information:
 - Windows
 - Microsoft Corporation
 - 10 1903
 - 64-Bit
- Storage Information:
 - C: 27,0 GB free of 476,3 GB
 - D: 326,2 GB free of 0,9 TB
 - G: 7,7 GB free of 110,0 GB

- **RVP-477** We added the display of Physical Memory (RAM) in the Inventory viewer.



The screenshot shows two panels in the Inventory viewer:

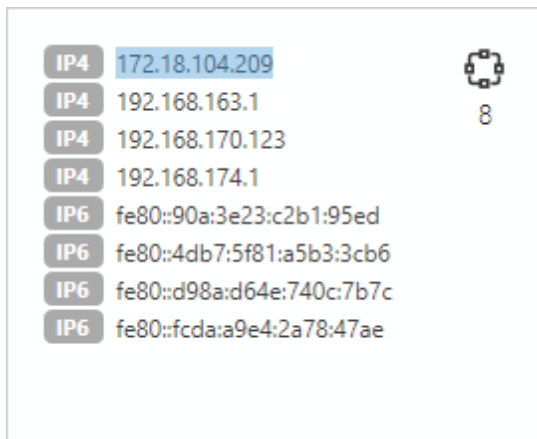
- CPU:** Intel(R) Core(TM) i7-8850H CPU @ 2.60GHz [6 core(s)]
- Physical memory (RAM):** 31,7 GB

- **RVP-473** We added a new column and status to devices to indicate their Oracle Auto Discovery and Inventory status.

Type	Hostname	Oracle Discovery Status
Windows	mws0036	
Windows	desktop-2NLVCRI	
Windows	ame2017	
Windows	mws0189	

- **RVP-477** We implemented several smaller tweaks to the Inventory viewer. IP addresses are

now sorted, it is possible to select and copy several important information (IP address, MAC address and more).



- RVP-408 We added ASPA evidence for **macOS** packages to be shown in the Inventory viewer.
- RMS-4343 We improved error messages for some edge case scenarios (for example missing libraries) for an easier troubleshooting.
- RVP-226 We improved logging of file scan on UNIX machines for a better troubleshooting.
- RVP-402 We increased some reasonable timeouts for **JRE** searching, so that the scanning of non-Oracle devices terminates faster.
- RVP-417 We improved logging in case no results are returned by a mandatory WMI Query (**RIW**).
- RVP-434 We changed the placeholder for empty MD5 to be compatible with **RMS**.
- RVP-465 We added timeouts and extended logging for various Remote Execution and Zero-Touch Inventory using SSH.
- RVP-469 We extended logging for Linux/Unix Oracle Automatic Discovery and Inventory.
- RVP-472 We improved the Oracle inventory by retrying with loopback-address in case of network errors.
- RVP-481 We added a few SID patterns to be ignored by **ORATRACK** for better and cleaner results.
- RVP-484 We improved reporting of failed authentications.

Resolved Issues

The following issues have been resolved in RayVentory Portal in 11.4 SP2.

- **RVP-369** We fixed several memory leaks in the Task Scheduler.
- **RVP-409** We fixed a problem with XML serialization of data gathered from macOS devices.
- **RVP-416** We fixed Zero-Touch inventory of SuSE machines, which gather incorrect values for Operating System details.
- **RVP-418** We fixed the discovery method that could sometime create wrong hostnames based on their IP addresses.
- **RVP-435** We fixed the processing of registry values containing special XML characters.
- **RVP-447** We fixed name resolution and added an improved logic which retries with localhost and source hostname in case of failure.
- **RVP-449** We fixed a problem with scanning of machines in a workgroup.
- **RVP-476** We fixed a problem with file scan on UNIX machines, which was returning errors for empty MD5 file signatures.
- **RVP-483** We fixed a problem with Oracle Automatic Discovery and Inventory that was unnecessarily falling back to other inventory methods.
- **RVP-487** We fixed an Access Denied exception when scanning Windows devices with file scan.
- **RVP-520** We fixed processing of tnsnames.ora for some specific cases.
- **RVP-521** We fixed a problem with dfusScript not working when the path had spaces in it.
- **RVP-507** We fixed the algorithm for counting CPUs, threads and cores for Solaris SPARC architecture.

Known Issues

For a list known issues in RayVentory Portal refer to the Raynet [Knowledge Base](#). If there are any known issues, the respective information can be found here and will be kept up-to-date.

System Requirements

Hardware Requirements

This section lists the minimal hardware requirements for devices running RayVentory Portal.

Minimal

- Screen resolution: 1024 x 768 pixels
- Color settings: 16 bit
- RAM: 2GB
- Disk space: 100MB

Recommended

- Screen resolution: 1280 x 1024 pixels
- Color settings: 32 bit
- RAM: 4GB or higher
- Disk space: 1GB or more

**Note:**

The installation of the RayVentory Portal framework itself requires about 400MB of disk space. The amount of additional space needed depends on the size and number of incoming inventory results.

Prerequisite Software

General Prerequisites

The following operating systems are supported for the installation and running of RayVentory Portal at the time of release.

- Windows Vista

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- Windows 7
 - Windows 8
 - Windows 8.1
 - Windows 10
 - Windows Server 2008 SP1-SP2
 - Windows Server 2008 R2
 - Windows Server 2012
 - Windows Server 2012 R2
 - Windows Server 2016

Required Software

- .NET Framework 4.5.2

Operating System Inventory

The following systems are supported:

- Windows 2016 Server
- Windows 2012 R2 Server
- Windows 2012 Server
- Windows 2008 R2 Server Core
- Windows 2008 R2 Server
- Windows 2008 Server Core
- Windows 2008 Server
- Windows 2008 Server Core x64
- Windows 2008 Server x64
- Windows 10
- Windows 10 x64
- Windows 8.1
- Windows 8.1 x64
- Windows 8
- Windows 8 x64

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- Windows 7
 - Windows 7 x64
 - Windows Vista
 - Windows Vista x64
 - RedHat Linux 8 and 9
 - RedHat Enterprise Linux 3, 4, 5, 6, 6.1
 - SuSE Professional/OpenSuSE 9, 10, 11
 - SuSE Enterprise Server (SLES) 9, 10, 11
 - Mac OS X 10.8, 10.9, 10.10
 - Windows XP
 - Windows XP x64
 - Windows 2003 R2 Server
 - Windows 2003 R2 Server x64
 - Windows 2003 Server
 - Windows 2003 Server x64
 - Solaris 9, 10, 11 (Intel)
 - Solaris 8, 9, 10, 11 (SPARC)
 - CentOS 6.x, 7.x
 - Fedora 21
 - AIX 5.2, 5.3, 6.1, 7.1
 - HP-UX 11.00, 11i, 11i v2, 11iv3

Required Software

- Java SE Runtime Environment (build 1.6.0) (Mac OS X agent inventories only)

VMware ESX/ESXi Inventory

The following platforms are supported:

- VMware ESX Server 3.0 and higher
- VMware ESXi Server
- VMware vCenter Server

Oracle Inventory

The following database components are supported:

- Oracle Database 9i
- Oracle Database 10g
- Oracle Database 11g
- Oracle Database 12c

Required Software

- Java Runtime 1.4.2 - Java 10
- Any operating system supporting Oracle JRE

Additional Information

Visit www.raynet.de for further information on RayVentory Portal, and take a look at the additional resources available at the Knowledge Base: <http://knowledgebase.raymanagesoft.com>.

Raynet is looking forward to receiving your feedback from your RayVentory Portal experience. Please contact your Raynet service partner or use our [Support Panel](#) to add your ideas or requirements to the RayVentory Portal development roadmap!

More information on RayVentory can be found in the *Release Notes with Technical Specifications* for RayVentory.

RayVentory Portal is part of the RaySuite

More information online
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