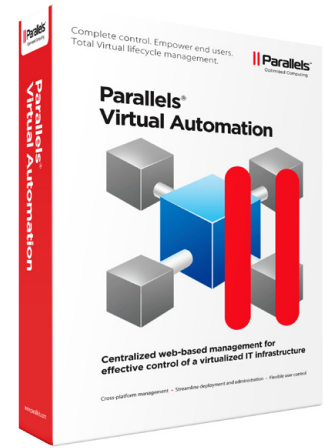


# Parallels® Virtual Automation

Comprehensive management for hybrid virtualization environments

Parallels Virtual Automation is a comprehensive management solution that simplifies lifecycle management by streamlining operations, reducing complexity and incrementally enabling self-service and automation resulting in lower costs & increased agility.



## Unified management

In today's complex data center environments, Parallels Virtual Automation provides administrators with the first unified console designed to manage Parallels container and hypervisor environments. A single unified management console provides centralized control for virtual environments that helps simplify day-to-day management tasks, streamline operations and reduce complexity.

## Centralized Management

- Single pane of glass to manage unlimited Parallels Server Bare Metal hosts and their containers or virtual machines
- Easily manage backups, migrations, updates & administrative tasks across multiple servers

## Resource Library

- Central repository of hardened templates
- Templates for operating systems, applications, virtual networks and IP pools
- ISO Images for virtual machine configuration

## Session Management & Audit

- Audit capabilities of all operations performed by specific users on assigned containers or virtual machines
- Real-time or historical resource usage reporting for hosts, containers and VMs
- Centralized license reporting

## Self-service & Automation

- Full API and SDK available for custom extensions

The screenshot shows the Parallels Virtual Automation management console. At the top, it says 'Infrastructure > Managed Servers'. Below that are tabs for 'Summary', 'Hardware Nodes', 'Virtual Environments', 'Resources', 'Logs', 'Backups', and 'Security'. The main content area is divided into several sections: 'Virtual Environments' with a summary table, 'Overall Status' with a green checkmark and a warning, 'Tasks', 'Hardware Nodes' with a summary table, and 'VT1 Templates Storage' with a table of templates. The table has columns for Name, VT, OS, VT Arch, Description, Operating System, Size, and Status.

Name	VT	OS	VT Arch	Description	Operating System	Size	Status
centos		Any	Any		Other	1.23 GB	Online
msr2010		Any	Any	enterprise edition	Windows Server 2003	1.46 GB	Online
omiso1		x86_64	x86_64		Windows Server 2003	1.98 GB	Online
sles10sp2		i386	x86_64	sles10sp2 with old guest tools	SUSE Linux Enterprise	1.54 GB	Online
linux10c1		x86_64	x86_64		Windows Server 2003	1.49 GB	Online
msr2		Any	Any	without tools	Windows Vista	7.15 GB	Online
w2k3 without opt tools		x86_64	x86_64	w2k3 ee r2 sp1 x86	Windows Server 2003	1.45 GB	Online
w2k3 x64		x86_64	x86_64	enterprise edition r2 with guest tools	Windows Server 2003	1.99 GB	Online
w2k3 x86-64 tools		x86_64	x86_64	w2k3 ee r2 sp1 x86	Windows Server 2003	1.45 GB	Online
w2k8 datacenter flex x64		x86_64	x86_64	w2k8 dc without hyper-v sp2 Eng x64	Windows Server 2003	8.07 GB	Online
msr2		x86_64	sp3		Windows XP	1.67 GB	Online

## Comprehensive Management

Parallels Virtual Automation provides centralized management for container and hypervisor environments from a single unified management console. Summary or detailed views of physical servers and virtual environments contained on them provide quick health and resource information with a single click simplifying day-to-day management tasks, provisioning, configuration & delegation of virtual environments. Centralized control reduces the complexity of managing and maintaining multiple servers across different server technologies.

## Powerful Tools

Agility and scaling of resources efficiently are some of the challenges facing organization's today. The resource library contained within Parallels Virtual Automation provides pristine, consistent templates of operating systems & applications allowing new environments to go from start to ready-to-use in minutes.

Whether you have tens or hundreds of virtual environments, when the performance of the physical server slows down or distribution of services between virtual environments is hindered; information on resource utilization is key. Parallels Virtual Automation provides graphical views of real-time or historical resource utilization as well as reports identifying the top resource consumers allowing administrators to quickly resolve issues and ensure maximum performance.

## Self-Service & Automation

From a single screen, Parallels Virtual Automation enables the administrator to define access and permissions across multiple virtual environments eliminating the need to log into each individual virtual environment. Establishing permissions for offline configuration changes can be completed via a web-browser utility.

A full SDK and API set are available for custom extensions to incrementally step into automation and self-service functionality.

For more information, contact Parallels at: **+1 (425) 282-6400** or via email at **sales@parallels.com**

## System Requirements

### Hardware Requirements:

Windows or Linux-based or bare metal computer serving as Master Server:

- Intel Celeron, Pentium III, Pentium 4, Xeon or AMD Athlon CPU
- Minimum 128 MB RAM
- Minimum 15 GB free disk space
- Network card

### Software Requirements:

Windows or Linux-based computer acting as Client Server:

- Internet Explorer 6.x and 7.x for Windows
- Mozilla Firefox 2.x and 3.x for all platforms
- Safari 3.x for Mac

Windows-based computer acting as Master Server:

- Dedicated server running 32-bit or x86-64-bit version of Windows Server 2003 SP2
- Dedicated server running 32-bit or x86-64-bit version of Windows Server 2008

Linux-based computer acting as Master Server:

- Physical server without virtualization technology running 32-bit, x86-64-bit versions of:
  - RHEL 3
  - RHEL 4
  - RHEL 5.0, 5.1, 5.2
  - SLES 10.1
  - CentOS 3.4

Trial versions can be downloaded from **www.parallels.com/PVAIDONTKNOW** or from authorized partners.