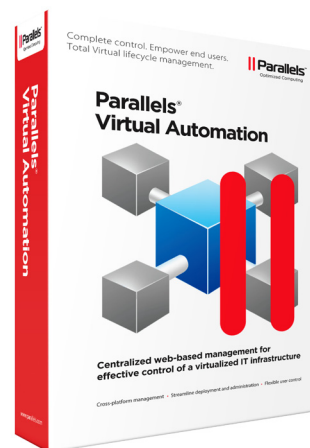


Parallels® Virtual Automation

Powerful & comprehensive web based management and automation for Parallels Virtuozzo Containers and Parallels Server 4 Bare Metal



Parallels Virtual Automation is a comprehensive web based management and automation solution to organize virtual infrastructures, delegate roles & responsibilities, rapidly provision configured virtual environments and enable ongoing management and maintenance. By using Parallels Virtual Automation administrators are able to quickly respond to the needs of their business while reducing maintenance costs and streamlining virtual environment administration.

Parallels Virtual Automation enables IT to rapidly adopt a cloud computing business model to satisfy the ongoing needs of their internal and external customers while maximizing hardware and personnel resources.

Through Parallels Virtual Automation organizations can:

Organize physical & virtual infrastructures

Organize physical and virtual environments into hierarchies as well as logical views to allow for easy identification and simplified mass management.

Delegate roles & responsibilities

Determine the level of authority and the scope of authorization for administrative users to provision & manage virtual environments.

Enable user requested provisioning

Provide end users with the ability to request virtual environment provisioning through a web based interface. Corresponding IT administrators will be alerted to the request and workflow the approval and immediate provisioning of the environment.

Extend self service beyond the IT team

Distribute self service capabilities for individual virtual environments through the web based Parallels Power Panel reducing the need for IT interaction on frequently needed administrative tasks. Empower developers with the ability to start, stop, repair, backup, restore, manage files, review resource utilization and more, reducing the burden on the IT support team.

Instantly provision configured containers or virtual machines

Provision fully configured virtual environments in just seconds including the operating system and applications as well as the assignment of IP addresses and virtual networks. Define custom system & application templates as your gold masters or use pre-configured environments provided by Parallels.

Powerful

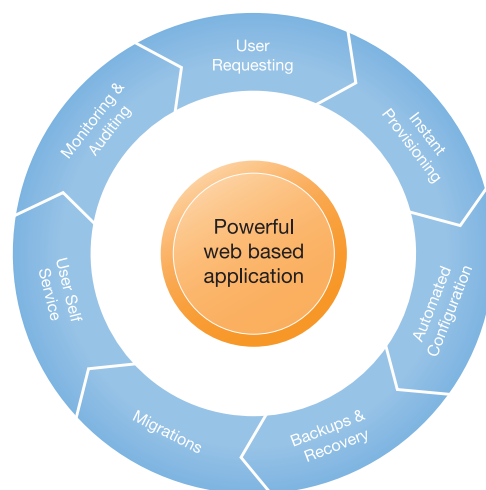
Delegate roles & responsibilities to manage small, medium and large virtual environments from a single unified management and automation console.

Comprehensive

Manage the virtual environment with built in provisioning, OS and application templating, user self-service, backups, migration and utilization reporting making it easy for administrators.

Extensible

Integrate virtual environment provisioning and application configuration into easy to use web applications to reduce the burden on IT and simplify end user driven processes.



Proactively react to the needs of the virtual environment

Review alerts, infrastructure & virtual environment dashboards to monitor & perform necessary pro-active actions to maintain desired service levels. Quickly change resource assignments, modify quotas and move virtual environments between physical servers.

Manage & maintain the virtual environments

Schedule & perform ongoing backups of virtual environments to protect data and speed recovery time in event of a failure. Centrally manage file shares, IP pools and virtual networks to simplify the process of provisioning. Perform actions across groups of physical servers or virtual environments to reduce the ongoing maintenance burden and increase the productivity of administrators.

Simplify the migration of environments

Quickly move virtual machines and Parallels Containers between physical nodes to optimize hardware and maximize application response times. Parallels also provides tools to migrate servers and competitors virtual machines into your Parallels virtual environment.

Monitor resources & audit trails

View & report on real time and historical resource usage for hosts, containers and virtual machines to enable departmental chargeback and accounting opportunities. Maintain audit logs of all activities performed through the Parallels Virtual Automation environment by individual container/virtual machine or by user.

Integrate with business workflow & applications

Take advantage of the Parallels web services APIs to integrate virtual environment provisioning & management into custom web applications. Empower non-technical users to directly request & provision computer resources and configured applications without IT team intervention.

System Requirements

Browser requirements for accessing web applications

- Internet Explorer 6.x or above on Windows platforms
- Mozilla Firefox 2.x and 3.x on Windows, Linux or Mac OS X
- Safari 3.x on Mac OS X

Hardware Requirements for Management Server

- Intel Celeron, Pentium III, Pentium 4, Xeon, or AMD Athlon CPU
- At least 1 GB of RAM
- Hard drive with at least 15 GB of free disk space
- Network card

Operating System Requirements for Management Server

- Parallels Virtual Automation can be installed on Linux running a 32 or 64 bit version of RHEL4, RHEL5, SLES10, CentOS4 or CentOS5.
- Parallels Virtual Automation can be installed on a Windows host running a 32 or 64 bit version of Windows 2003 Server or Windows 2008 Server.
- As a best practice, it is suggested that the Parallels Virtual Automation management environment is installed to a Parallels container or virtual machine.
- Additional details on supported operating system editions can be found at www.parallels.com in the Parallels Virtual Automation 4.5 readme document.

Contact Information

For more information on Parallels Virtual Automation and the Parallels server virtualization products please call **+49 89 450 80 86 0** or visit www.parallels.de

