



# Parallels Virtual Automation 6.0 Release Notes

# Table of Contents

Table of Contents .....	2
About This Document .....	3
About Parallels Virtual Automation 6.0 .....	3
New Features and Improvements .....	4
Known Issues and Restrictions .....	5
Contact Information .....	6
Copyright Notice .....	7

# About This Document

This document provides first-priority information on the Parallels Virtual Automation 6.0 and supplements the included documentation.

## About Parallels Virtual Automation 6.0

Parallels Virtual Automation 6.0 is an advanced yet easy-to-use administration tool designed for managing groups of physical servers running Parallels Virtuozzo Containers, Parallels Server Bare Metal, and Parallels Cloud Server.

With Parallels Virtual Automation 6.0, you can:

- Manage both the available physical servers and the Virtual Environments they host, using a standard web browser running on any platform.
- Create groups of physical servers and perform both collective and individual administration operations on these groups.
- Manage the Virtual Environments residing on the registered physical servers by customizing their productivity and resources, system tasks and processes, configuration, and many more.

# New Features and Improvements

Parallels Virtual Automation 6.0 includes the following new features and improvements:

- A daily log rotation mechanism has been implemented in Parallels Virtual Automation 6.0 to prevent logs eating away at the server disk space.
- Parallels Virtual Automation 6.0 can manage backups stored outside of a server group. To manage such backups, the servers must be standalone servers, not belonging to any group.
- You can open a VNC console session to Containers from inside Parallels Virtual Automation. VNC support for virtual machines has also been improved to eliminate the necessity of configuring their Remote Console options.
- You can specify the maximum number of disk input and output operations per second a Virtual Environment is not allowed to exceed.
- Parallels Virtual Automation supports using `yum` repositories to update servers with Parallels Cloud Server 6.0.
- You can send "magic" SysRq key combinations to a virtual machine while working with it in the VNC console mode.
- Parallels Virtual Automation now supports Google Chrome version 22.x and newer.
- The list of Parallels Virtual Automation localizations now includes Korean and Polish.
- Performance limits for the `vzbackup/vzrestore` and `prlctl backup/prlctl restore` utilities were implemented. Two parameters were added to the global configuration file `/etc/vz/vz.conf`:
  - `VZ_TOOLS_IOLIMIT=iolimit` — disk I/O bandwidth limit in Bps,
  - `VZ_TOOLS_IOPSLIMIT=iopslimit` — disk I/O operations per second limit.
- You can now set the folder where virtual machine backups will be stored by default on a hardware node. The new **VM Backup Folder** option is available on the **Parallels Server Settings** screen accessible from the **Tasks > Configure** subsection on the hardware node's **Summary** screen.

# Known Issues and Restrictions

The list of known issues and restrictions for Parallels Virtual Automation 6.0 is given below:

- Parallels Virtual Automation 6.0 can only be installed on servers running Parallels Cloud Server 6.0, Parallels Server Bare Metal 5.0, and Parallels Virtuozzo Containers 4.7.
- Pausing virtual machines and Containers simultaneously may result in an error. To work around this problem, pause virtual machines using the **Pause** button and Containers using the **Suspend** button.
- Containers with assigned IPv6 addresses cannot be accessed via Parallels Power Panel in the Firefox or Safari Web browsers.
- While restoring a Container, the `vzarestore` utility will hang if there is a shortage of disk space on the host.
- Selective restore incorrectly handles copied-on-write files.
- The `vzabackup --exclude-files` command does not work for ploop-based Containers.
- The `vzarestore --browse` command cannot list the contents of the `/` directory of a ploop-based Container backup if it contains very many files.
- Cannot edit IPv6 gateway for Container's `veth` interface.

# Contact Information

Product website: <http://www.parallels.com>

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