



# Parallels Virtual Automation 4.6

What's New

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## CHAPTER 1

# New Features Overview

This document outlines the features introduced with Parallels Virtual Automation 4.6.

This version includes new features that make Parallels Virtual Automation a more effective and flexible administration tool for managing physical servers and virtual environments.

With Parallels Virtual Automation, you can deploy an effective and easy manageable virtual infrastructure that may significantly reduce your costs in terms of time and resources.

Parallels Virtual Automation makes provisioning virtual environments systems like Parallels Virtuozzo Containers or Parallels Server Bare Metal simpler and more efficient.

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## Acronis Backup and Recovery 11 Support

On Linux, PVA now offers better compatibility with Acronis Backup and Recovery 11, enabling you to create backups on top of ext4 file system and restore virtual environments over network.

## Plesk 10 Support

- Offline management should be turned off for port 8443 for Plesk 10 Containers.
- Autologin to Plesk 10 Container will work.
- Plesk 8, 9, 10 autoinstallation will work.

## IPv6 Support

IPv6 - new 128 bit IP addressing of xxxx:xxxx:xxxx:xxxx:xxxx:xxxx:xxxx:xxxx format. A group of xxxx represents the 16-bit hexadecimal value, for example, 4FDE:0000:0000:0002:0022:F376:FF3B:AB3F.

IPv6 is now supported:

- Containers and Virtual Machines can have IPv6 type IP addresses, gateways, DNSes.
- Customer can use IPv6 address of Container to open Power Panel using browser.
- Template Storage and Disk Image Library can be used with IPv6 addressed hosts (Samba servers) by hostnames only. Smbclient 3.2+ should be installed to Linux hosts

Parallels Virtual Automation allows combining IPv4 and IPv6 addresses within a traffic shaping class

## Backups Retention Settings in GUI

It is now possible to specify how many Containers' backups to keep. This allows configuring backups retention.

The option **Number of backups to keep** is added to Parallels Virtual Automation **Setup > Configure Backups**.

## RHEL 6 Support

Red Hat Enterprise Linux 6 (RHEL6) is supported by Parallels Virtual Automation.

## Traffic Shaping for Virtual Machines

Traffic shaping for virtual machines is supported for Parallels Server Bare Metal 5 physical servers only.

The **Shaping** subtab is added under the **Network** tab of a Virtual Machine settings. This new tab allows you to view the traffic shaping parameters for the given virtual machine.

## Power Panel Management Policies

New rule called **Control Panel Management** is added to Parallels Virtual Automation **Setup > Power Panel Policies**.

This rule allows prohibiting the user from managing control panel (Plesk, Confixx or Sitebuilder) from Parallels Power Panel. With this restriction turned on, the Control Panels menu item is removed from the Parallels Power Panel. This rule can be applied to Containers only.

## Disk I/O Limits for Containers and Virtual Machines

The **Disk I/O Limit** parameter introduced for Containers and Virtual Machines. Disk I/O allows limiting the disk input/output bandwidth for Container or Virtual Machine.

## Disk I/O Accounting for Containers and Virtual Machines

The **Disk I/O** parameter introduced for Containers and Virtual Machines. Disk I/O presents how much of the allowed disk input/output bandwidth consumed by Container or Virtual Machine.

## SATA for Virtual Machines

SATA interface is supported for Virtual Machine hard disk.

## CPU Limit in MHz for Virtual Machines

CPU limit in MHz can be now set for Virtual Machines.