

OpenStack

User's Guide

For Parallels Automation

Revision 1.0 (November 24, 2014)

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Preface

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Documentation Conventions

Before you start using this guide, it is important to understand the documentation conventions used in it.

Typographical Conventions

The following kinds of formatting in the text identify special information.

Formatting convention	Type of Information	Example
Special Bold	Items you must select, such as menu options, command buttons, or items in a list.	Navigate to the QoS tab.
	Titles of modules, sections, and subsections.	Read the Basic Administration module.
<i>Italics</i>	Used to emphasize the importance of a point, to introduce a term or to designate a command line placeholder, which is to be replaced with a real name or value.	These are the so-called <i>shared VEs</i> . To destroy a VE, type <code>vzctl destroy VEid</code> .
Important	An important note provides information that is essential to the completion of a task. Users can disregard information in a note and still complete a task, but they should not disregard an important note.	Important: The device drivers installed automatically during Setup are required by your system. If you remove one of these drivers, your system may not work properly.

Note	A note with the heading “Note” indicates neutral or positive information that emphasizes or supplements important points of the main text. A note supplies information that may apply only in special cases—for example, memory limitations, equipment configurations, or details that apply to specific versions of a program.	Note: If Windows prompts you for a network password at startup, your network is already set up and you can skip this section.
Monospace	The names of commands, files, and directories.	Use <code>vzctl start</code> to start a VE.
Preformatted	On-screen computer output in your command-line sessions; source code in XML, C++, or other programming languages.	Saved parameters for VE 101
Preformatted Bold	What you type, contrasted with on-screen computer output.	# rpm -V virtuoizzo-release
CAPITALS	Names of keys on the keyboard.	SHIFT, CTRL, ALT
KEY+KEY	Key combinations for which the user must press and hold down one key and then press another.	CTRL+P, ALT+F4

General Conventions

Be aware of the following conventions used in this book.

- Modules in this guide are divided into sections, which, in turn, are subdivided into subsections. For example, Documentation Conventions is a section, and General Conventions is a subsection.
- When following steps or using examples, be sure to type double-quotes ("), left single-quotes ('), and right single-quotes (') exactly as shown.
- The key referred to as RETURN is labeled as ENTER on some keyboards.
- Commands in the directories included into the PATH variable are used without absolute path names. Steps that use commands in other, less common, directories show the absolute paths in the examples.

Feedback

If you have found a mistake in this guide, or if you have suggestions or ideas on how to improve it, please send your feedback using support@mamasu.es. Please

include in your report the guide's title, chapter and section titles, and the fragment of text in which you have found an error.

Change Log

Version	Date	Description	Author
1.0	November 24, 2014	Initial version	Cristina Pérez

Introduction

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About OpenStack

OpenStack is a global collaboration of developers and cloud computing technologists producing the ubiquitous open source cloud-computing platform for public and private clouds.

Audience

This guide is intended for:

- Subscribers / end users who intend to use the services provided by OpenStack. These instructions should be provided either to technical personnel to help guide users of the service, or directly to customers and users to explain application functions and options.

This document was developed by The Mamasú Agency. For additional information, please contact support@mamasu.es.

Terms and Abbreviations

CCP	Customer Control Panel
PA	Parallels Automation

OpenStack Overview

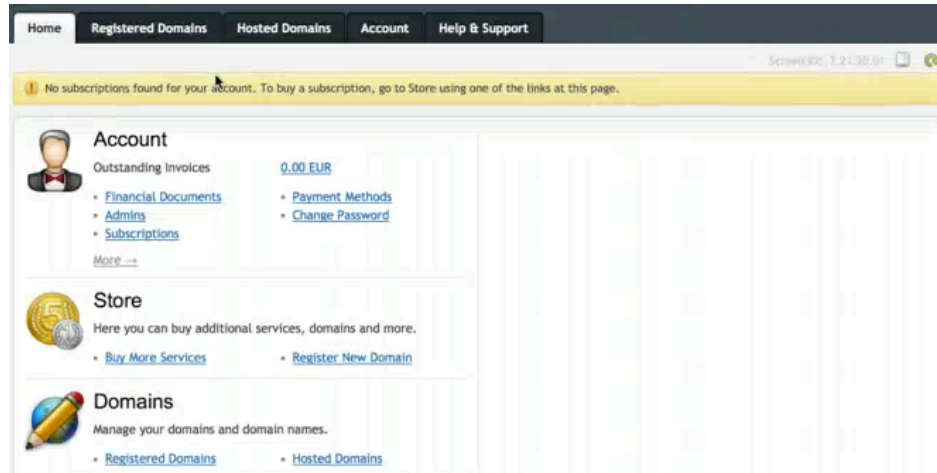
Thanks to OpenStack customers can:

- Purchase new subscriptions.
- Have access to detailed information about resource usage and instances.
- Manage virtual environments directly from PA panels.

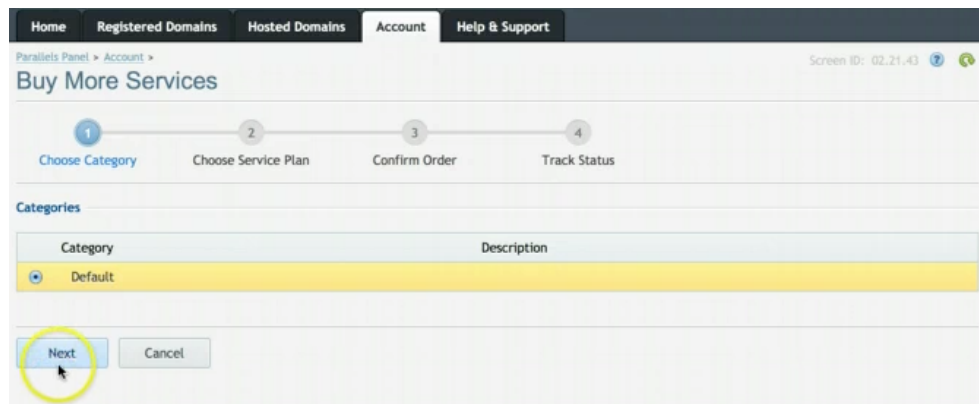
Purchasing Subscriptions

In order to purchase a subscription, the customer has to follow these instructions:

- Log in to your Customer Control Panel.



- Click on **Buy More Services**, in the Store section.
- Click on **Next** to create a sales category.



- Select a Service Plan:
 - Flat.
 - Pay as you go.

- Click on **Next**.

Parallels Panel > Account >

Screen ID: 01.16.12

Buy More Services

1 Choose Category 2 Choose Service Plan 3 Choose Period 4 Confirm Order 5 Track Status

Service Plans

Name	Description	Setup Fee	Service Fee
<input checked="" type="radio"/> OpenStack FLAT	OpenStack Flat	0.00 EUR	0.00 EUR
<input type="radio"/> OpenStack PAYG	OpenStack PAYG	0.00 EUR	0.00 EUR

Back Next Cancel

- Select the subscription period and click on **Next**.

Parallels Panel > Account >

Screen ID: 01.15.39

Buy More Services

1 Choose Category 2 Choose Service Plan 3 Choose Period 4 Confirm Order 5 Track Status

Subscription Periods

Duration	Setup Fee	Recurring Fee
<input checked="" type="radio"/> 1 Month	0.00 EUR	0.00 EUR
<input type="radio"/> 1 Year	0.00 EUR	0.00 EUR

Back Next Cancel

- Leave the Domain field blank and click on **Next**.

Parallels Panel > Account >

Screen ID: 10.20.0.0.4

Buy More Services

1 Choose Category 2 Choose Service Plan 3 Choose Period 4 Parameters 5 Confirm Order 6 Track Status

Domain Name

Back Next Cancel

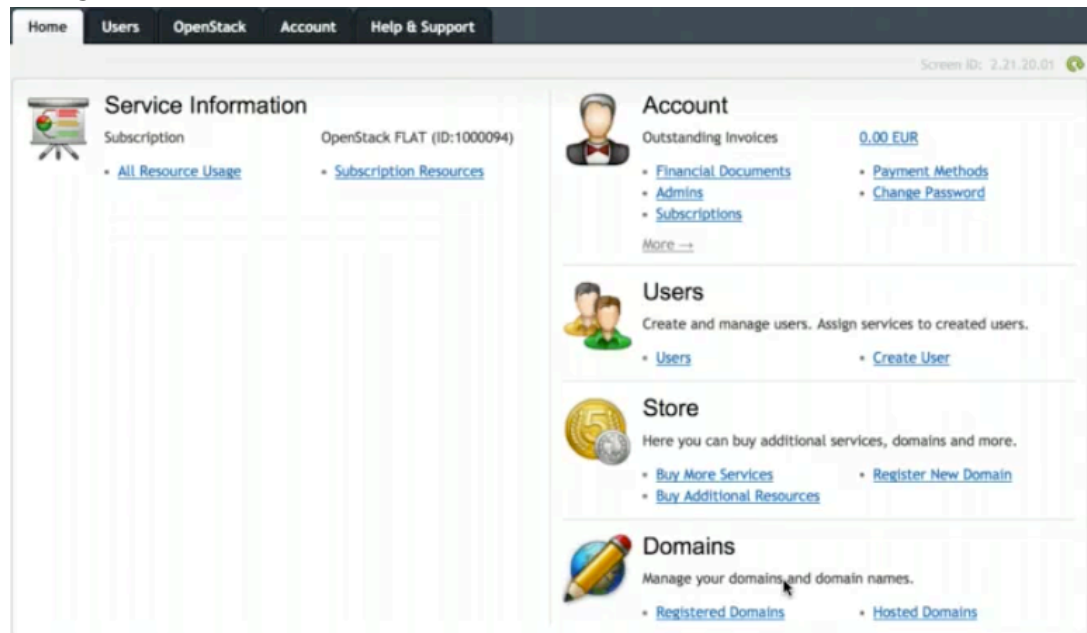
- Click on Place an order.

The screenshot shows the 'Buy More Services' wizard in the 'Account' section. The progress bar at the top indicates six steps: 1. Choose Category, 2. Choose Service Plan, 3. Choose Period, 4. Parameters, 5. Confirm Order (active), and 6. Track Status. Below the progress bar, a message states: 'Here you can review your order and select payment method.' The 'Order Information' section displays a summary: Total Before Taxes (0.00 EUR), Tax Total (0.00 EUR), Total (0.00 EUR), and Comments (Order for Subscription on Plan #25 (OpenStack FLAT) for 1 Month(s)). There is a field for a Promotion Code with an '[apply]' button. The 'Order Details' section shows 'No Order Details Available'. At the bottom, there are four buttons: 'Back', 'Place Order' (highlighted with a yellow circle), 'Order Additional Resources', and 'Cancel'. A note indicates '*Required fields'.

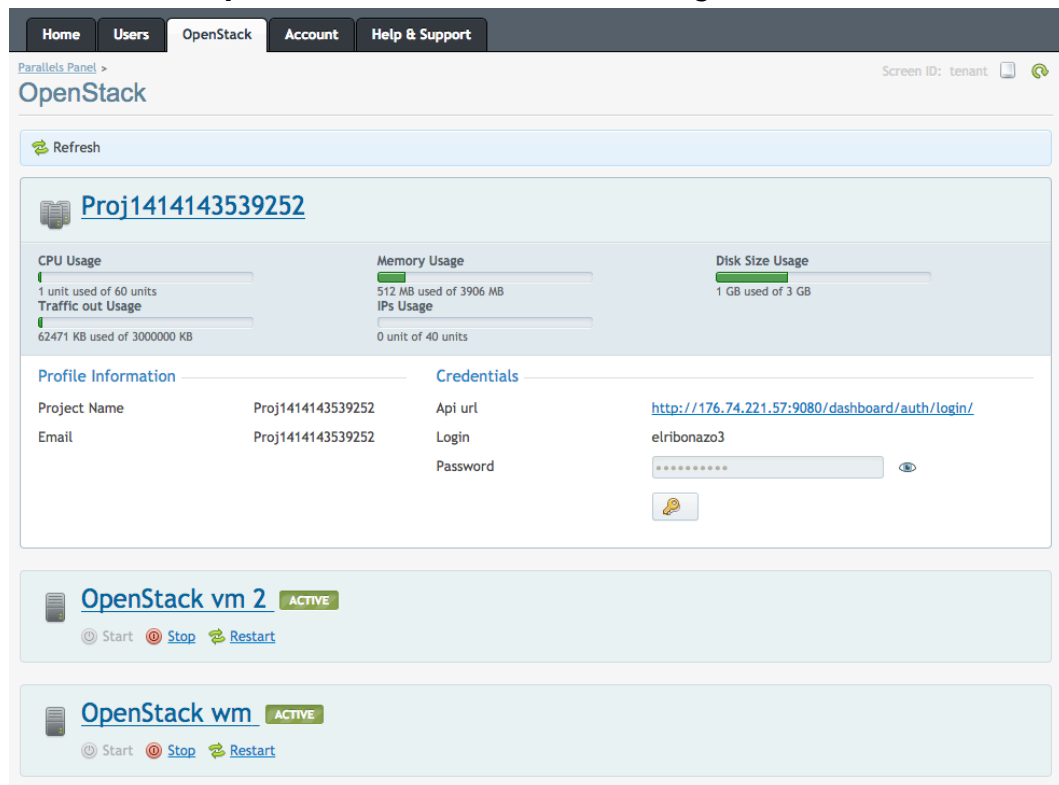
- Finally, you can review your order and payment status.

The screenshot shows the 'Buy More Services' wizard at the final step, 'Track Status'. The progress bar at the top shows six steps: 1. Choose Category, 2. Choose Service Plan, 3. Choose Period, 4. Parameters, 5. Confirm Order, and 6. Track Status (active). A green success message at the top states: 'Sales Order #SO000094 has been placed.' Below this, a message says: 'This is the final screen of the wizard. Here you can review order and payment statuses.' The 'Order Information' section displays the final order details: Order Status (Completed with a green checkmark), Order Number (SO000094 with a '[Details]' link), Total Before Taxes (0.00 EUR), Tax Total (0.00 EUR), Total (0.00 EUR), and Comments (Order for Subscription on Plan #25 (OpenStack FLAT) for 1 Month(s)).

- Your subscription will appear in the CCP now. Otherwise, please log in again.



- Go to the **OpenStack** tab to see the following information.



- Resource usage.
- Project information.
- Credentials: you can see your password by clicking on the eye next to the Password field or reset it by clicking on the key icon.
- Instances: you can start, stop or restart them.