

## VIRTUAL CDROM - ISO HANDBOOK

### 1 Introduction

This handbook will show you how to manage ISO format CDROM templates (hereinafter called “CDs”) in order to be able to:

- Reboot Gigas Cloud Servers with a CD.
- Import templates to your Cloud Server.
- Install software to your Cloud Server from a CD.

With this new feature, it is possible to reboot servers directly from an ISO on the Internet (via a URL), upload that template to Gigas (with a simple Drag-and-Drop) and it will be available for all the Cloud Servers of your product (Datacenter or VPS).

These types of CD templates are used to:

- Install you own operating systems or Virtual Appliances.
- To add software to your server (e.g. SQL Server).
- To use software that requires the Operating System to be switched off (e.g. Windows Rescue, Diagnostic Systems, Complete Antivirus Scans, etc.).

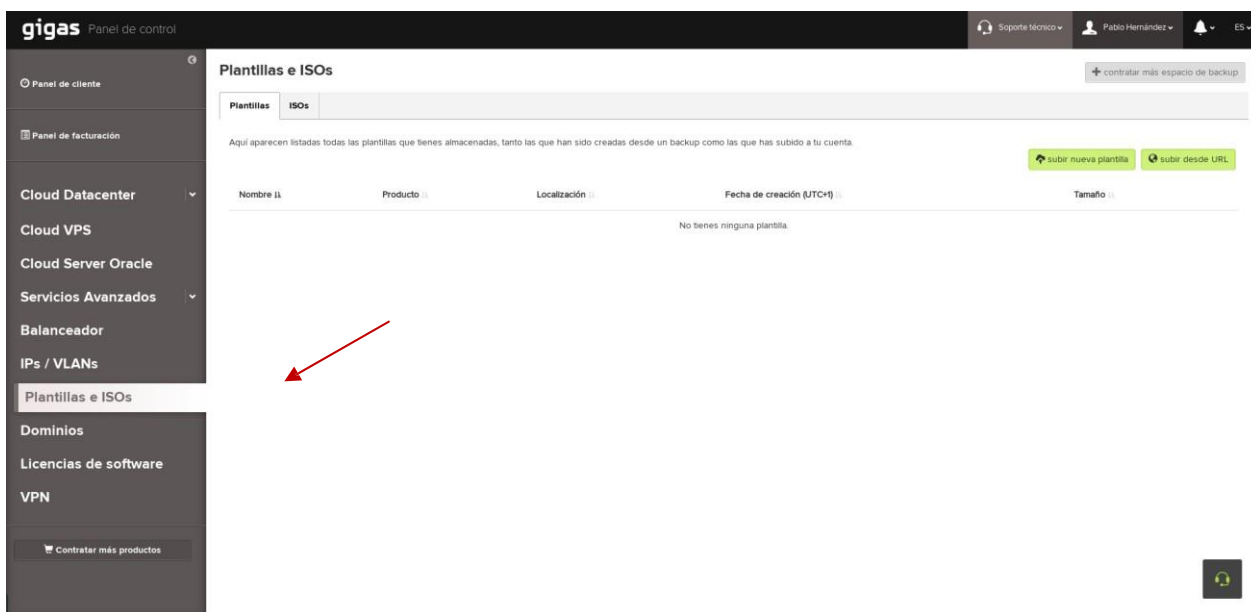
To import templates to Gigas, just drag the template from your PC or laptop to the form in Gigas’ Control Panel; the template will begin to download automatically.

If your internet connection is interrupted, don’t worry; you can use the upload form again and resume uploading the ISO template from the moment it was interrupted.

## 2 New Panel Section – Templates and ISOs

Gigas' Control Panel has a new option for managing templates from virtual machines as well as from ISO CD templates.

This option is on the left-hand menu of the Panel.



Via this new section you can remove, add, and modify operating system templates or CD templates.

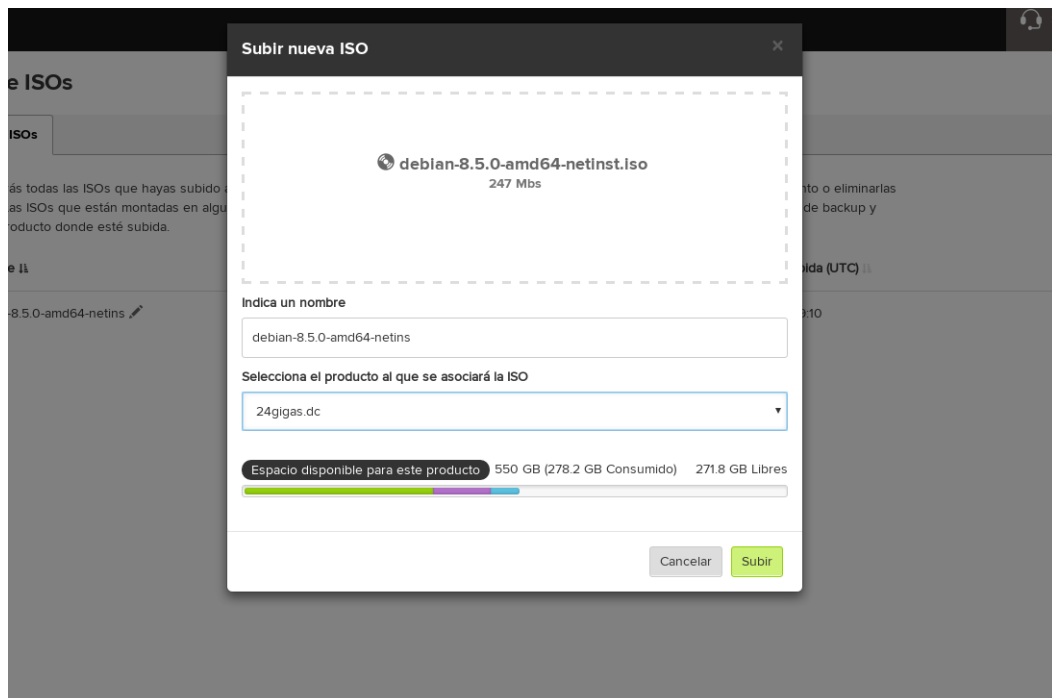
## 3 Uploading templates and ISOs

To upload a new template to Gigas, just click on the “Upload a new Template” button in the Template and ISO Panel.

The following window will open.



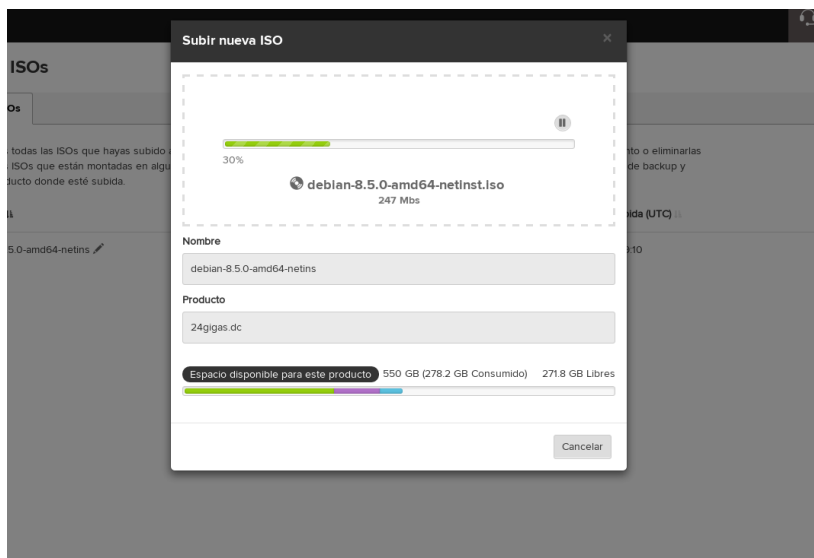
Look in your PC or laptop for the CD template that you want to upload, then use the left mouse button to drag the template to the "Drag and drop a file" box.



You can also look for the file on your local hard drive by clicking on the “Select from your computer” button; this will link the template with one of your Gigas Cloud Datacenters. The ISO template will only be available on the servers that you have chosen that are linked to the Cloud Datacenter.

If your internet connection is interrupted while you are uploading the template, don't worry; when you reboot, it will resume uploading the ISO template from the moment it was interrupted. You will therefore not have to begin the process from scratch all over again.

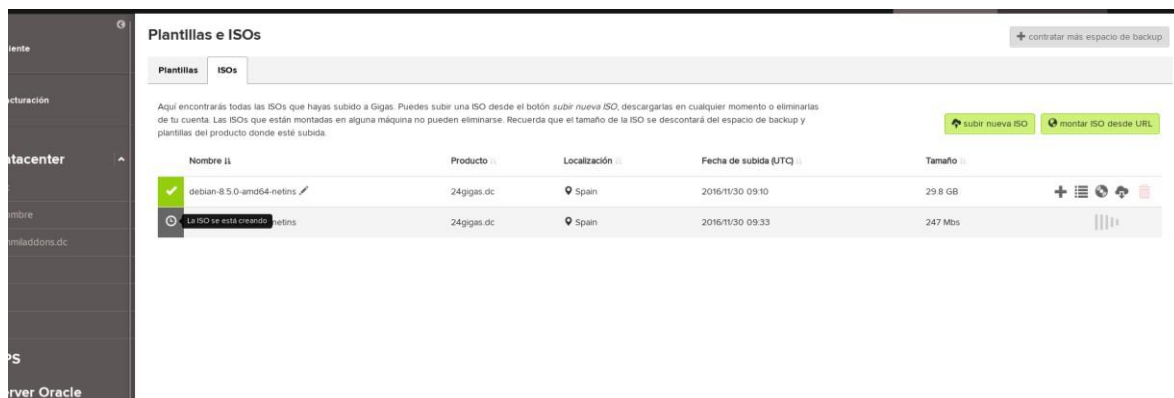
Clicking on the “Upload” button, the uploading process will begin immediately.



When it has finished, the new template will appear on the ISO Templates list on the Panel; you can now select it and connect to a virtual server just as if it was a CD.

The space taken up by this CD template is added to the **backup space** used with your Cloud Datacenter product.

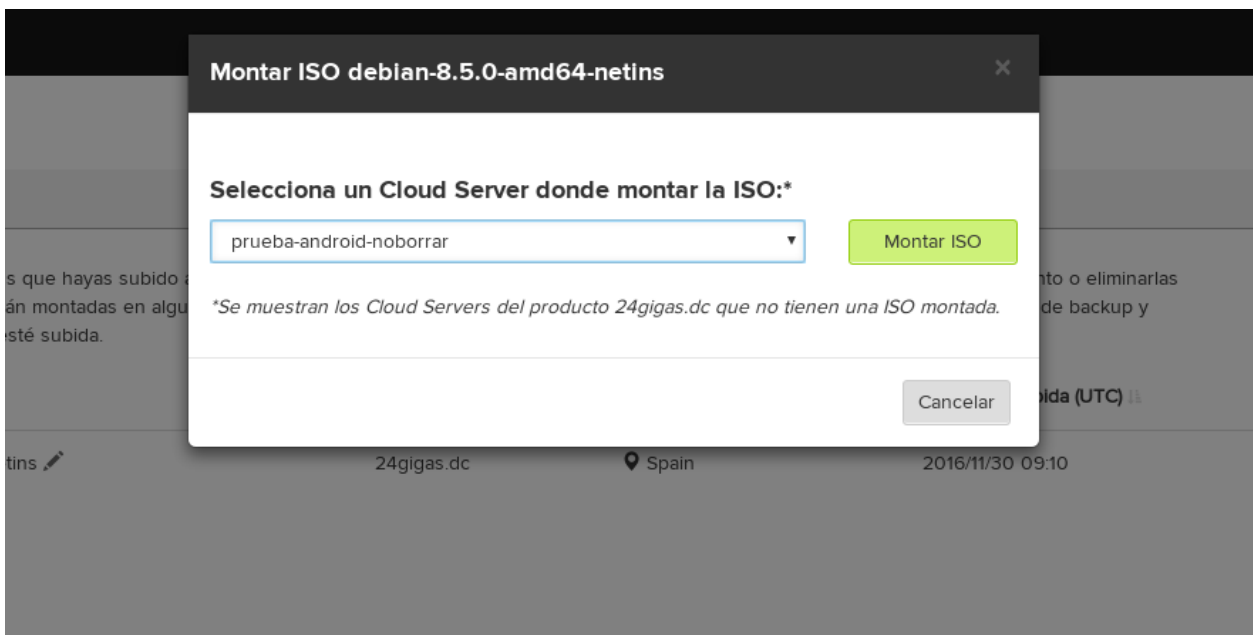
It will take a few minutes before the ISO template is available. This is due to the checks that are made to your ISO template to verify its status.



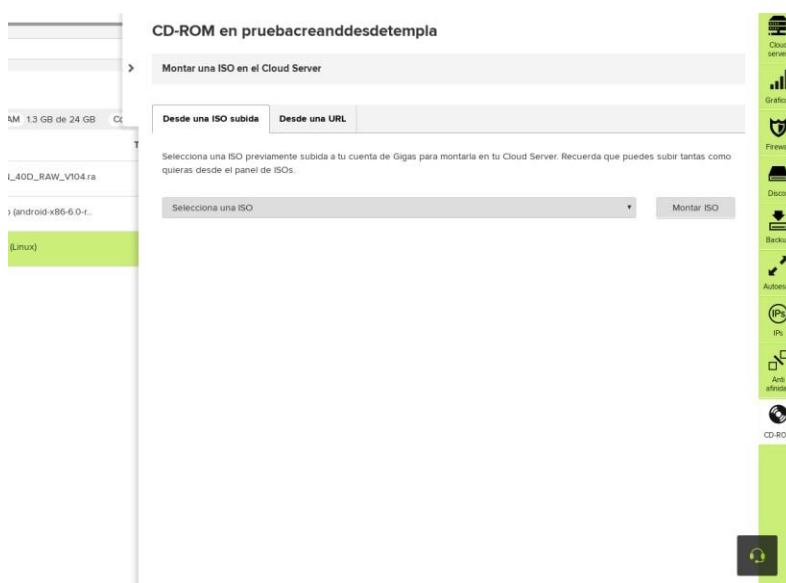
## 4 Connecting the CD template to your Gigas Virtual Server

There are two ways to connect the CD template to your Virtual Server.

From the ISOs and Templates section, by clicking on "Install ISO".



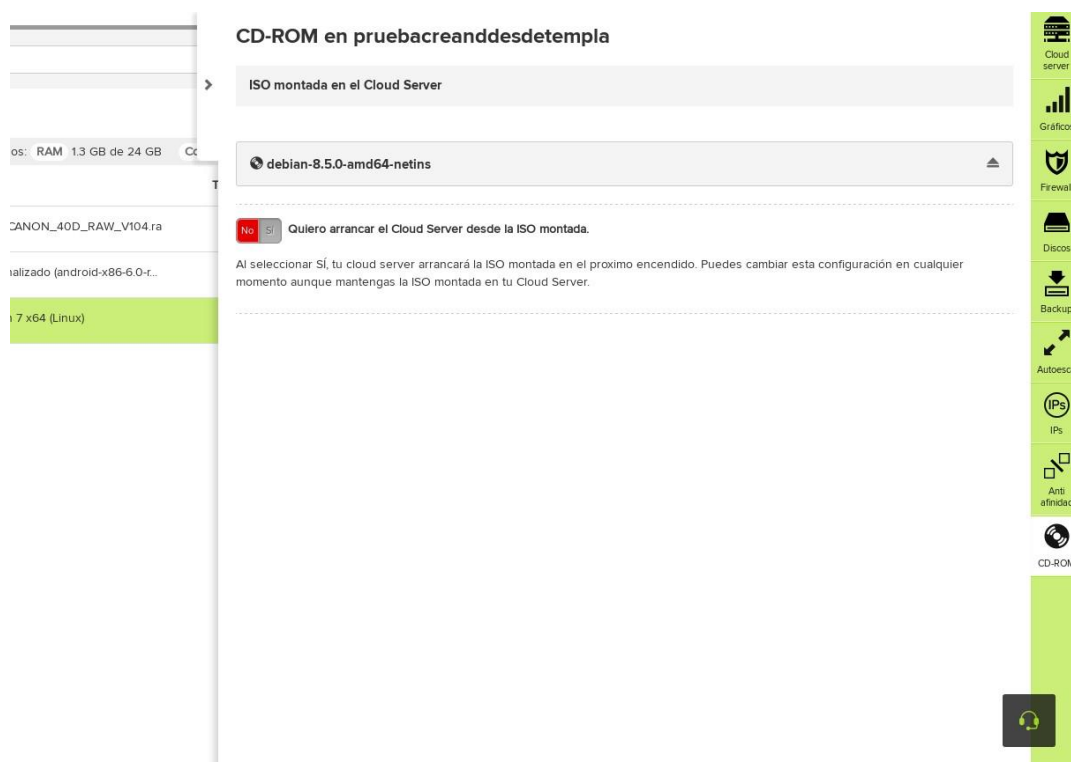
After a few seconds you will see that the CD template, connected to a virtual CDROM reader, will appear on your server.



You can also connect it from the Control Panel of the Virtual Machine itself. At the end of the button bar on the right is the “CD-ROM” option for accessing your Server’s virtual CD reader.

The various previously uploaded ISO templates are displayed in the “From an uploaded ISO” section.

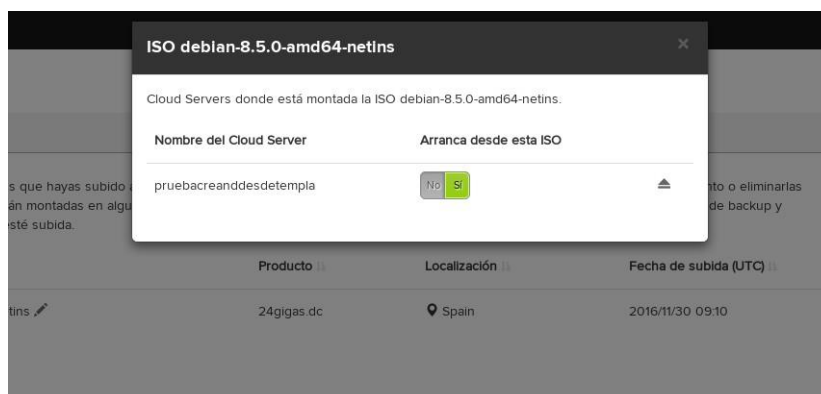
You can eject the ISO later by clicking on the “Eject” button on the ISO menu inside the server itself.



You can also reboot from said CD. This modifies the reboot order of your Virtual Server so that, on the next reboot, it will try to first load from the Virtual CD and then from the Virtual Server’s own hard disk.

**IMPORTANT:** When installing your template server that is different from those officially offered by GIGAS, some of the control panel options may not work, or may be directly disabled.

From the ISOs and Templates Panel, you can also see the Virtual Servers into which the template has been loaded and, if you wish, you can reboot directly from it.



Furthermore, it is possible to install an ISO template on several Virtual Servers at the same time. You do not need to upload the same template for each Virtual Server.

## 5 Connect an ISO template to your server via HTTP

At Gigas we know that, because of connection quality, it is not always easy to upload ISO templates.

To make this easier, we have created a new feature that allows you to connect your Server's Virtual CD directly to a remote ISO template.

Using the template and ISO form, you can directly choose the URL from which you want the Virtual CD to be installed on your Server.



You can also do it from the Control Panel in the CDROM section of the Virtual Server itself.

**CD-ROM en prueba creand desde template**

Montar una ISO en el Cloud Server

Desde una ISO subida Desde una URL

Introduce la URL de una ISO accesible de manera pública para montarla directamente en tu Cloud Server.

Montar ISO

Cloud server  
Gráficos  
Firewall  
Discos  
Backup  
Autoescala  
IPs  
Anti afinidad  
CD-ROM

A few things must be taken into account when loading these types of templates remotely.

- When you download a remote ISO, the speed, as you know, also depends on the remote site. Although at Gigas our connectivity lines are excellent, it is possible that the connection speed of the remote site is not as good and this can makes things go a little slower than normal.
- We only support ISOs on HTTP, FTP, or HTTPS servers whose certificates are valid and up to date.
- The remote site must be accessible by port 80, 443 or 20-21.