

# Servers


This chapter describes direct server management.

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# Reconfiguring a virtual server

In your account when changing the configuration, the following rules apply:

- The configuration of any server can be changed at any time;
- An increase in all resources can be done on the fly without shutting down the server and operating system;
- To reduce the number of processor cores and the amount of RAM you need to turn off the server;
- To increase the disk after payment in your account, you need to extend it in the operating system itself - for this, follow instructions depending on your operating system.
- ATTENTION! Reducing disk SSD space is IMPOSSIBLE, due to the specifics of virtualization systems;
- You can reduce an additional HDD ONLY by deleting all files and creating a new smaller disk. To do this, contact technical support;
- When resources are reduced, funds paid are returned to the internal balance;
- With an increase in resources, a surcharge is charged equal to the difference in the cost of configurations for the remaining period.

So, you can change the configuration of your virtual server by clicking the button " Change configuration" in the menu indicated in the screenshot:

# VS-393 [set hostname here](#)

Configuration 1x 2.8GHz 2Gb 20Gb [Change configuration](#)

Paid until **04/20/20** Price **\$6.75** [Pay](#) [Deferral](#) [Cancel](#)

Notes You have no notes related to this server

## MANAGE SERVER

Power off	Suspend	Restart	1 core at 2.8GHz	<div style="width: 2%;"><div style="width: 2%;"></div></div>	2%
Web-console	ISO images	Snapshots	389Mb of 2Gb	<div style="width: 19%;"><div style="width: 19%;"></div></div>	19%
Disconnect network	OS installation	Services	9.8Gb of 20Gb	<div style="width: 49.5%;"><div style="width: 49.5%;"></div></div>	49.5%

Status: Powered on

Next, use the sliders to change the characteristics of the virtual server to the desired ones, and click the "Apply" button. If you have increased resources, then you will be asked to pay extra for the added configuration (the remaining time of the paid period). If you have reduced resources, then unused funds of the paid period will automatically be credited to your internal balance.

# Server management

In the server's main menu you can see the current server configuration, service control buttons, graphical display of the server's resource use, network information - traffic graph, main and additional IP address, speed of the connected Internet port.

## Control buttons

### Power on / Power off

The server is turned on or off completely, to prevent accidental clicking there will be an additional dialog box where you need to confirm the action;

### Suspend

only for virtual servers

An analogue of the "Sleep" mode on Windows, the entire server is paused;

### Restart

Short-term shutdown and instant turn on of the server, additional confirmation also pops up;

### Web-console

This is the remote monitor of your server, where you can see everything that happens as if your monitor is connected to the server directly. You can also use your mouse and keyboard here. We want to pay attention that the keyboard layout should be only English. The clipboard CTRL + C and CTRL + V does not work here. This function is mainly used for simple and quick actions, for full work you need to use the SSH client (for Linux systems) or the RDP client (for Windows systems);

## Disconnect network

Disconnects your server from the Internet, can be used at any time;

## OS installation

With this function you can reinstall the operating system on the server in a few clicks, this is a fully automated process, you only need to select the desired OS and additional software provision (if necessary). ATTENTION, when reinstalling the operating system, ALL data on the server will be deleted;

## Services

Here you can buy the necessary services if you did not buy them when ordering. At the moment, "1 Gbps port speed" is available here, Windows Server license, Weekly backup and Daily backup;

## ISO images

Here you can download and connect your ISO-image of the operating system to the server . After rebooting, the server will automatically boot from this image. Also, do not forget to disconnect the image from the server after installing the system, since it will always be loaded from it.

## Snapshots

for virtual servers only

This is a snapshot function of your server at a given time. That is, you can return the server status to the time of the recovery point. Very convenient function when you test something on the server and in case of "breakdown" you can return. Please note that these copies are stored for 12 hours, then deleted. More about snapshots and backups [here](#) .

# Disk extension

After adding and paying for additional disk space for your server, you must extend it directly in the operating system itself. Depending on the type of system, there are the following instructions:

## for Linux systems

At the command prompt, just run

```
wget -qO- grw.sh | bash
```

then you will see the result of the successful extension.

To check the updated disk size, run

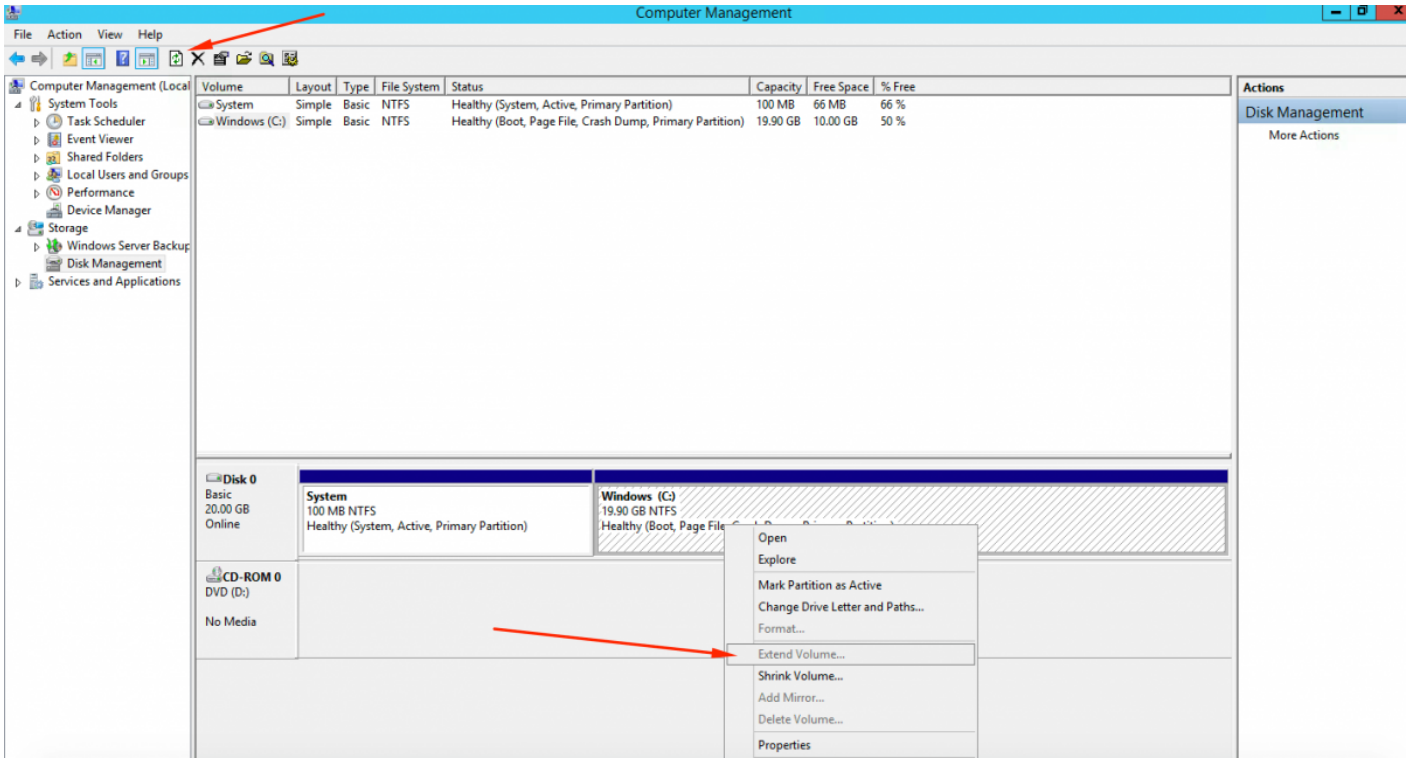
```
df -h /
```

For OS automatically installed since August 2024, this does not need to be done; disk space is increased automatically.

## for Windows OS

You need to follow these steps:

1. Go to this chain "Start" - "Control Panel" - "System and Security" - "Administrative Tools" - "Computer Management"
2. Next, select the "Disk Management" section in the side menu
3. In the diagram with disks, right-click on drive "C" and select "Extend Volume" in the menu (if this item is not active, refresh the page using the "Refresh" button in the top menu, see screenshot below)
4. In the next steps, select "Next" and "Ok", nothing else needs to be changed.



# IP addresses and rDNS

When ordering a new virtual or dedicated server, two free IP addresses are included in the server price by default. If you need additional addresses, they can be ordered in your account, the cost is \$1/month for each IP.

The maximum number of IP addresses per server varies in each location depending on the number of free addresses.

Allocation of IP addresses can be adjusted using following rules:

- in a sequential order if possible;
- from different subnetworks;

## Configuring additional IP addresses


All ordered IP addresses can be configured on the network interface automatically by checking the "Configure all IP addresses on the network interface" checkbox.

If you want to do this later, or you ordered additional IPs after installing the operating system, then you can use the "ipadd" utility (included in the software package on all our Linux operating systems). Using "ipadd": enter this command and then a list of addresses that you need to configure separated with a space, then press Enter, for example:

```
ipadd 192.168.1.1 192.168.1.2 ...
```

Where 192.168.1.1 and 192.168.1.2 are your IPs.

## rDNS

Adding an rDNS record (PTR) can be done in your account, just click on the button "List ", as indicated in the screenshot below

## NETWORK INFO

Main IP-address

176.103.62.72

IP-addresses count

2

List

Order more

Port speed

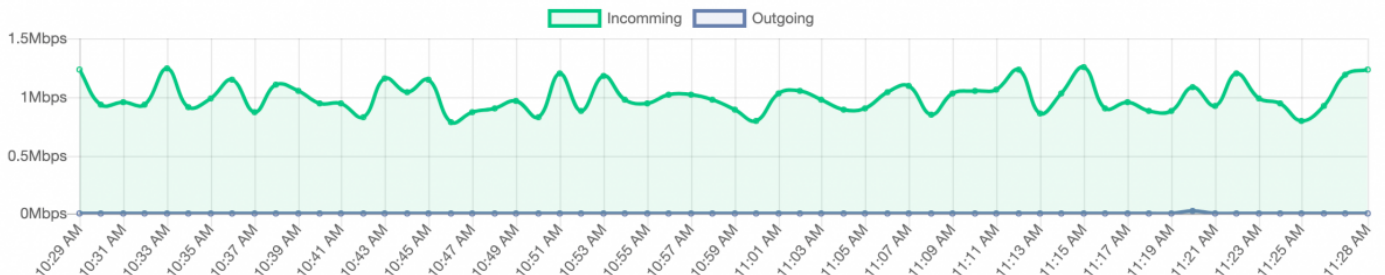
100Mbps

Change speed

### Network traffic

Last hour

Last day



Next, enter your PTR records for the necessary IP in the appropriate field and finally save the page.

## MANAGE IP-ADDRESSES

Here you can change primary IP-address, remove unused IP-addresses and edit PTR-records.

Once you change primary IP-address default monitoring rule will be created for a new IP-address. Monitoring rule for previous primary IP-address will be removed as well as monitoring history.

Primary	IP-address	PTR-record	Remove
<input checked="" type="radio"/>	176.103.62.72	<input type="text"/>	<input type="checkbox"/>
<input type="radio"/>	176.103.63.72	<input type="text"/>	<input type="checkbox"/>

Showing 1 to 2 of 2 entries

SAVE

You can also change the primary IP address on this page, but please note that this change only occurs in your personal account, the primary address does not actually change on the server, you must change it yourself in the network interface settings, or contact our technical support.


# OS installation


## Automatic installation

Initially, all of our servers do not have a pre-installed operating system. Immediately after paying for the selected configuration, you will be asked to install the OS from the available menus. Installation is fully automated and does not require additional steps from you. After starting, you will see the installation progress, and upon completion, access data (IP, login, password) will be sent to your email.

## Install from your image

If you want to upload your image of the operating system, then when ordering the server, check the "Do not install OS" box. Next, in your account on the server management page, you need to download the image.

To do this, click the  "ISO images" button, then the "Upload" tab and select the desired image from your computer there. After the image is downloaded, just mount it right there, in the "Manage" tab, to do this, select the desired image and click the "Insert" button.

Now, to boot the operating system from this image, just reboot the server and in  "Web console" you can observe the start of installation of your system. Also, do not forget to eject this image after installation by clicking the "Eject" button in the ISO control menu, since after rebooting from this image, the installation will restart.

# Payment and Renew


When ordering a new service, the first payment is made for at least one month, then you can make a payment multiple of one day, that is, from one day to one year.

If you pay for the service in one payment for a longer period than one month, we provide discounts, when ordering for:

- 2 months - 3% discount
- 3 months - 5%
- 6 months - 10%
- 12 months - 15%.


Our billing system provides a PAYMENT DEFERRAL, if for some reason you do not have the opportunity to renew the server on time.

# Snapshots and backups

For virtual servers in our infrastructure, the option  "Snapshot" is available.

This feature provides a snapshot of your server's hard drive. Due to the fact that physically the data is not copied anywhere, and the bit-by-bit state of the disk at a particular moment in time is simply remembered, you can either get an instant backup and roll back to that copy very quickly if necessary.

But this approach has its drawbacks, because of the peculiarities of the implementation, we can afford to store these copies for only 24 hours. Therefore, we recommend using these copies immediately before risky changes on the server, for example, before updating the software or changing the settings / installing new server software.

Our infrastructure runs the classic backup of all virtual machines and all locations. These backups are made exclusively within our infrastructure and are not available for download by the customer due to technical limitations. In order to rollback the server from a backup, as well as find out the dates when backups were made, you need to click the  "Backups" button on the server management page, select the required restore point there and click the "Restore server" button.