

# Playground VPS

When you need to test a new application, configuration, perform a system upgrade in rough or prepare a new production VPS, you can use a playground VPS. Playground is running on a post-production hardware, is not backed up and its lifetime is limited to 1 month. When the expiration date passes, the playground VPS is deleted and you can reate another one. If you need more than a month to test something, please contact the [support team](#).

Playground is a standalone location, like Praha and Brno, which means it has different IP addresses.

## What is playground VPS for

- testing of new configurations
- testing of new distributions
- testing and “playing” with anything

## What is playground VPS **\*\*not\*\*** for

- secondary VPS (meaning used in production or for a long time)

## VPS creation

Playground VPS can be created in vpsAdmin. You can either create a new (empty) VPS or clone an existing VPS to playground.

### Creating a new VPS

A new VPS can be created in section VPS, “New VPS” in the right sidebar. You have to select location as “Playground”.

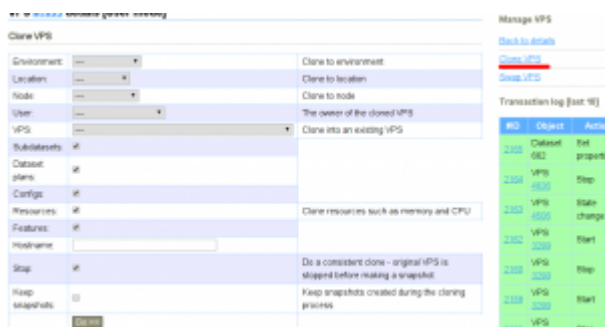


Next, choose parameters of your new VPS and vpsAdmin will create it.

## Cloning an existing VPS

Cloning is useful when you want to test a new configuration of a production system and don't want to risk an outage. The playground VPS will be an exact copy of your production VPS, except it will have different IP addresses.

Go to details of the VPS you wish to clone. Click on **Clone VPS** in the right sidebar and select Playground as a target environment and location.

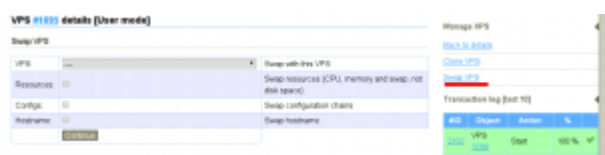


Note that this is possible only if you don't have a playground VPS already. There can only be one and clone always creates a new VPS.

The cloning can take a long time, depending on how much data it has to copy. You can monitor its progress in the transaction log.

## VPS swapping

Two VPS can be swapped between environments, i.e. between playground a production. Only VPS in different locations can be swapped (Praha, Brno, Playground), because within a single location you can simply swap IP addresses.



It's important to invoke swap from the **details of the current production VPS**, so that the outage in production is the shortest possible.

vpsAdmin will show you what exactly will happen when the VPSes are swapped.

Swap VPS #7702 with #5685

Node	Now	→	After swap
node7.prg	VPS #7702		VPS #5685
Environment: Production	Hostname: vps		Hostname: vps
Outage duration: minimal	Expiration: ---		Expiration: ---
	CPU: 8	→	CPU: 8
	Memory: 4096		Memory: 4096
	Swap: 0		Swap: 0
	IP addresses: 83.167.228.26, 2a01:430:17:1::2b		IP addresses: 83.167.228.26, 2a01:430:17:1::2b
node1.pgnd	VPS #5685		VPS #7702
Environment: Playground	Hostname: mypgnd		Hostname: mypgnd
Outage duration: up to several hours	Expiration: 2017-03-14		Expiration: 2017-03-14
	CPU: 8	→	CPU: 8
	Memory: 4096		Memory: 4096
	Swap: 0		Swap: 0
	IP addresses: 185.8.164.63, 2a03:3b40:3::84		IP addresses: 185.8.164.63, 2a03:3b40:3::84
	Cancel		Go >>

## Domain names of playground VPS

Our DNS servers automatically generate domain names for all playground VPS. It can be used to test new settings when you don't have your own domain.

Domain name is derived from the IP address. For example, if you have IP 185.8.164.10, the domain is 10.164.8.185.pgnd.vpsfree.cz and all other higher levels, e.g. test.10.164.8.185.pgnd.vpsfree.cz are mapped as well. Reverse records are generated in the same way.

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