

# The cpuser\_port\_authority script

Overview

The `/usr/local/cpanel/scripts/cpuser_port_authority` script

Arguments

Additional documentation

## Overview

The `cpuser_port_authority` script assigns one or more 5-digit port numbers for a user's exclusive use. These five-digit port numbers use the range of 10000 to 65535. They exclude any [ephemeral ports](#) and passive ports.

### Important:

- You **must** possess `root` user access to use this script.
- You **must** use `iptables` to enforce port ownership. If you use `firewalld`, the system does **not** currently enforce port ownership.

## The `/usr/local/cpanel/scripts/cpuser_port_authority` script

To use this script, run the following command on the command line as the `root` user:

```
/usr/local/cpanel/scripts/cpuser_port_authority [argument] [options]
```

## Arguments

The `/usr/local/cpanel/scripts/cpuser_port_authority` script accepts the following arguments:

### Note:

- This script saves port assignments to the `/etc/cpanel/cpuser_port_authority.json` file.
- In the following table, `user` represents a username, `amount` represents the number of ports, `port-number` represents a specific five-digit port number, and `my_app` represents an application.

Argument	Description	Example
<code>give [user] [amount] [--service=my_app]</code>  <b>Note:</b> The <code>--service</code> option assigns the requested port numbers to a specific service.	Assign a user one or more ports.	<code>/usr/local/cpanel/scripts/cpuser_port_authority give exampleuser 3 --service=store</code>
<code>take [user] [port-number]</code>  <b>Note:</b> You can pass the <code>port-number</code> multiple times to remove several ports numbers.	Remove a port from a user's assignments.  <b>Note:</b> If you attempt to remove a port that does <b>not</b> belong to the specified user, then the function will fail.	<code>/usr/local/cpanel/scripts/cpuser_port_authority take exampleuser 12345</code>

fw	Update the firewall rules to match port assignments and restart the firewall.	/usr/local/cpanel/scripts/cpuser_port_authority fw
list [user]	Display the ports assigned to a user.	/usr/local/cpanel/scripts/cpuser_port_authority list exampleuser
user remove [user]	Remove a user's assigned ports.	/usr/local/cpanel/scripts/cpuser_port_authority user remove exampleuser
user change [olduser] [newuser]	Change the ownership of one user's ports to another user.	/usr/local/cpanel/scripts/cpuser_port_authority user change exampleuser currentuser
hint [argument]	Display the abbreviated help information.  <div style="border: 1px solid #f0e68c; padding: 5px;"> <p><b>Note:</b> The <code>argument</code> is optional. If you specify an argument, <b>only</b> that argument's abbreviated help information will display.</p> </div>	/usr/local/cpanel/scripts/cpuser_port_authority hint list
help [argument]	Display the script's help information.  <div style="border: 1px solid #f0e68c; padding: 5px;"> <p><b>Note:</b> The <code>argument</code> is optional. If you specify an argument, <b>only</b> that argument's help information will display.</p> </div>	/usr/local/cpanel/scripts/cpuser_port_authority help list

## Additional documentation

[Suggested documentation](#) [For cPanel users](#) [For WHM users](#) [For developers](#)

- [The cpuser\\_port\\_authority script](#)
- [Tweak Settings - System](#)

## Content by label

There is no content with the specified labels



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- [Service Subdomains Explanation](#)
- [The cpuser\\_port\\_authority script](#)
- [How to Troubleshoot PCI Compliance Scans](#)
- [How to Configure Your Firewall for cPanel Services](#)

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