

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> Note: 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> Note: You can pass the <code>port-number</code> multiple times to remove several ports numbers. | Remove a port from a user's assignments. Note: If you attempt to remove a port that does not 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. Note: The argument is optional. If you specify an argument, only that argument's abbreviated help information will display. | /usr/local/cpanel/scripts/cpuser_port_authority hint list |
| help [argument] | Display the script's help information. Note: The argument is optional. If you specify an argument, only that argument's help information will display. | /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](#)

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- [The cpuser_port_authority script](#)
- [How to Troubleshoot PCI Compliance Scans](#)
- [Proxy Subdomains Explanation](#)
- [Service Subdomains Explanation](#)
- [How to Configure Your Firewall for cPanel Services](#)

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