

The restorepkg Script

Overview

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

Arguments

Files

Example

Additional documentation

Overview

You can use the `/usr/local/cpanel/scripts/restorepkg` script to restore a cPanel account from a backup file.

Note:

You can also restore a cPanel account from a backup file in WHM's *Restore a Full Backup cpmove File* interface (*WHM >> Home >> Backup >> Restore a Full Backup/cpmove File*).

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

To use the `/usr/local/cpanel/scripts/restorepkg` script, run the following command as the `root` user:

```
/usr/local/cpanel/scripts/restorepkg [arguments] [input] [filename]
```

Arguments

You can use the following arguments with the `/usr/local/cpanel/scripts/restorepkg` script:

Argument	Description	Input values	Example
<code>--force</code>	Restore the account regardless of any errors or warnings. When the system restores the account, any existing data remains intact on the server. Note: If the account already exists on the server, this option operates similarly to the <code>--skipaccount</code> option.	None.	<code>--force</code>
<code>--allow_reseller</code>	Restore reseller privileges.	None.	<code>--allow_reseller</code>
<code>--ip</code>	Restore the account to a certain IP address. Notes: <ul style="list-style-type: none">If an IP address is not available, the script uses the next available IP address in the IP address pool.If no addresses are available, the script uses the server's shared IP address.	<ul style="list-style-type: none"><code>y</code> — Use the next available IP address in the IP address pool to restore the account.<code>n</code> — Use the shared IP address to restore the account.A valid IP address — Use this IP address to restore the account.	<code>--ip=192.0.2.169</code>

<p>--newuser</p>	<p>Change the restored account's username.</p> <div data-bbox="472 203 786 865" style="border: 1px solid #f9e79f; padding: 5px;"> <p>Notes:</p> <ul style="list-style-type: none"> • All of the account's database users will keep their current username except for the user that matches the cPanel account. • To change the name of a database or database user after you restore the account, use WHM's <i>Manage Databases</i> interface (<i>WHM >> Home >> SQL Services >> Manage Databases</i>) and WHM's <i>Manage Database Users</i> interface (<i>WHM >> Home >> SQL Services >> Manage Database Users</i>). • You cannot use this option with the --skipaccount option. </div>	<p>A valid cPanel username.</p> <div data-bbox="810 180 1122 474" style="border: 1px solid #f9e79f; padding: 5px;"> <p>Notes:</p> <ul style="list-style-type: none"> • The new account name cannot already exist on the server. • The username must contain 16 characters or fewer, and the first eight characters must be unique on the server. </div>	<p>--newuser=username</p>
<p>--skipaccount</p>	<p>Restore a package for an existing account with the same username as another existing account.</p> <div data-bbox="472 995 786 1129" style="border: 1px solid #f9e79f; padding: 5px;"> <p>Note: You cannot use this option with the --newuser option.</p> </div>	<p>None.</p>	<p>--skipaccount</p>

--restricted

Run the restoration process with the *Restricted Restore* feature.

None.

--restricted

The *Restricted Restore* feature performs additional security checks on the backup file in order to mitigate the risk of transfers from unfamiliar sources. If a component of the backup file contains an issue (for example, a compromised MySQL® grant table or a symbolic link attack), the system does **not** restore that portion of the backup and adds a warning to the log file.

Note:

If you do not use this option, the script performs an unrestricted restore.

Warnings:

- The *Restricted Restore* feature is **EXPERIMENTAL**. Do not consider it as an effective security control at this time. The behavior of this feature may change in a future release of cPanel & WHM. Exercise extreme caution when you use this feature.
- If you do not trust the source of the account backup with `root` access to your server, use the *Restricted Restore* feature to protect your server.
- To use the *Restricted Restore* feature to restore an account that owns PostgreSQL® databases, the target server **must** use PostgreSQL version 8.4 or newer.
- The *Restricted Restore* feature only allows restored accounts to use the `noshell` or `jailshell` options. If the restored account uses another shell, the system will set the account to use the `noshell` option. For more information, read our [VirtFS - Jailed Shell](#) documentation.

<pre>--disable</pre>	<p>Disable specific modules during the account restoration process.</p> <div style="border: 1px solid red; padding: 5px; margin-top: 10px;"> <p>Warning: We strongly recommend that only advanced users apply this option. If you incorrectly configure this option, the cPanel account may restore in a broken state.</p> </div>	<p>A valid module name. (For example, MailRouting or SSL).</p> <div style="border: 1px solid orange; padding: 5px; margin-top: 10px;"> <p>Notes:</p> <ul style="list-style-type: none"> • Use a comma-separated list to specify multiple values. • For a list of possible values, run the <code>--help</code> option. • Module names are case-sensitive. </div>	<pre>--disable=MailRouting,SSL</pre>
----------------------	--	---	--------------------------------------

Files

The backup filename **must** use one of the following formats:

- `cpmove-{USER}`
- `cpmove-{USER}.tar`
- `cpmove-{USER}.tar.gz`
- `{USER}.tar`
- `{USER}.tar.gz`
- `backup-{BACKUP-DATE_TIME}_{USER}.tar`
- `backup-{BACKUP-DATE_TIME}_{USER}.tar.gz`

The restore package script searches for the archive in the following locations:

- `/home`
- `/home2`
- `/home3`
- `/root`
- `/usr`
- `/usr/home`
- `/web`

The script attempts to restore the account on the shared IP address with the following steps:

1. Adds the package to the `AccountLocal` queue.
2. Starts the restoration process.
3. Uses the `tail` command to output the log file's contents after the restoration process begins.

Example

For example, the following command uses the unrestricted restore method to restore the `cpmove-testaccount.tar.gz` file to the `192.0.2.169` IP address:

```
/usr/local/cpanel/scripts/restorepkg --ip=192.0.2.169
cpmove-testaccount.tar.gz
```

Additional documentation

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

- [The backup_restore_manager Script](#)
- [Backup Restoration](#)
- [Remote Restoration](#)
- [Legacy Backups FAQ](#)
- [File and Directory Restoration for WHM](#)

- [File and Directory Restoration for cPanel](#)
- [Backup for cPanel](#)
- [Backup Wizard](#)

- [The backup_restore_manager Script](#)
- [Backup Restoration](#)
- [Remote Restoration](#)
- [Remote Restoration](#)
- [Legacy Backups FAQ](#)

- [WHM API 1 Functions - backup_set_list_combined](#)
- [UAPI Functions - Restore::directory_listing](#)
- [UAPI Functions - Restore::restore_file](#)
- [UAPI Functions - Restore::query_file_info](#)
- [UAPI Modules - Restore](#)