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Beacon Production Server

Beacon production is where the public visits beacontechology.com

The hostname is also cpanel.beacontechology.com

Links

- <https://cpanel.beacontechology.com/whm>
- <https://cpanel.beacontechology.com/cpanel>
- <https://beacontechology.com>

Setup

To create a new cpanel.beacontechology.com server follow these steps:

1. Set up a fresh CentOS 7 minimal.
2. `yum install -y screen`
3. run `screen`
4. Inside `screen`, update the server with: `yum update -y; sync; sleep 1; reboot`
5. Make sure the box has a valid hostname like `cpanel.beacontechology.com` Run `hostname` to print the hostname. To change the hostname run: `nmcli general hostname cpanel.beacontechology.com`
6. Disable NetworkManager by following this guide: [Click Here](#)
7. Install cPanel by following this guide: [Click Here](#)
8. Transfer the `.tar.gz` file somewhere to the box
9. Go to this [article](#) to see your restore options
10. Update DNS if you have a different IP

Additional Setup

There are some other things to take into consideration.

The website generates tons of session files and never cleans them up.

To fix this, you can use a cron job to clean them up

```
# cat /etc/cron.daily/clean_sessions.sh
#!/bin/bash

find /home/beacontechology/public_html/session -type f -mtime 5 -delete
```

The above has been implemented in a cron job owned by root that runs twice daily. It removes sessions after 10 days. Using `-delete` would fail due to the large number of arguments (too many files). Piping the results to `rm` did the job.

```
/home/beacontechology/clean_sessions
```

```
find /home/beacontechnology/www/session/ -name '*' -type f -mtime +10 | head -10000 | xargs rm
find /home/beaconmicro/www/session/ -name '*' -type f -mtime +10 | head -10000 | xargs rm
```

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<https://wiki.beacontechnology.com/> - **Guide**

Permanent link:

<https://wiki.beacontechnology.com/doku.php?id=wiki:prodserver&rev=1628096222>

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