

# Automated CPanel Backup Script

for home directory backup, remote FTP backup and Amazon S3 backup

Version : 1.0  
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## ***Features***

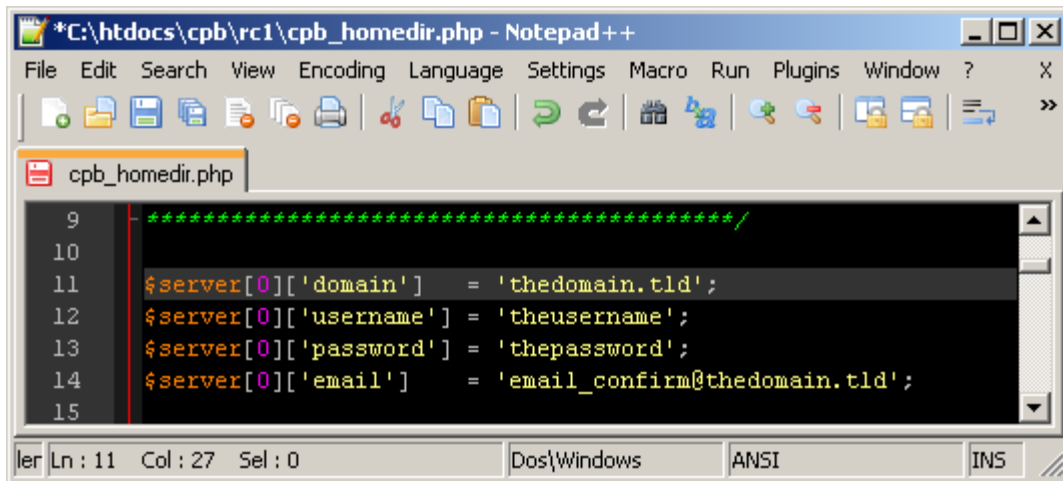
1. Fully automated full backup on once a day or any time duration you desire.
2. Option to backup to home directory, remote ftp server and amazon s3.
3. Backup multiple accounts with single installation. With an exception that amazon s3 backup require installation in the same cpanel account.
4. Easy to setup. No need to mysql database.
5. No need WHM reseller / root access
6. Secure. Installation inside non web accessible folder.
7. Backup unlimited CPanel accounts.

## ***Requirements***

1. Web hosting with CPanel account (user level access).
2. Enough disk space to generate backup file. The available disk space must be at least the same with the used disk space.
3. Amazon s3 backup require Amazon Web Service account.

## I. Installation For Home Directory Backup

1. Upload `cpb` folder to home directory.
2. Edit `cpb_homedir.php` file. Fill your hosting account information: domain, username, password and email confirmation. If you want to backup multiple accounts, write and fill the remaining hosting account information.



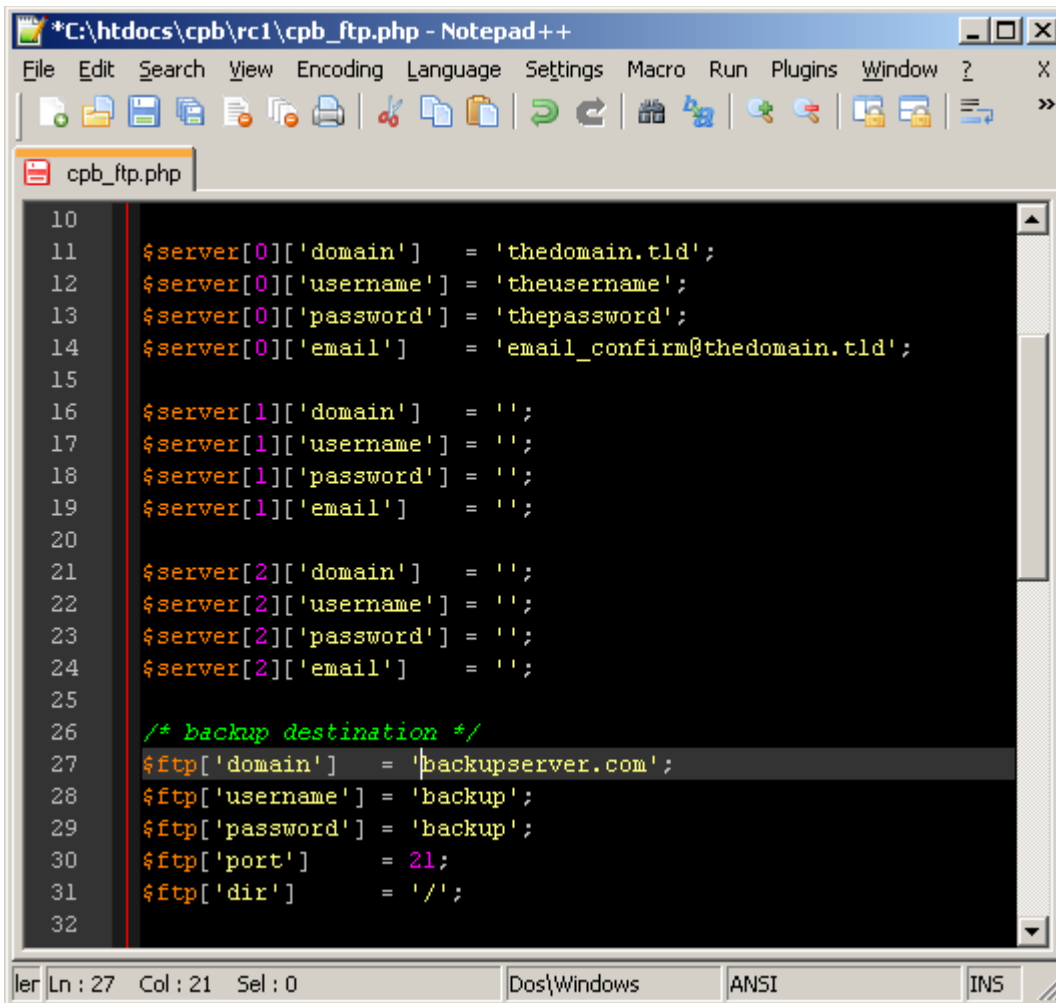
```
*C:\htdocs\cpb\rc1\cpb_homedir.php - Notepad++
File Edit Search View Encoding Language Settings Macro Run Plugins Window ? X
cpb_homedir.php
9 *****/
10
11 $server[0]['domain'] = 'thedomain.tld';
12 $server[0]['username'] = 'theusername';
13 $server[0]['password'] = 'thepassword';
14 $server[0]['email'] = 'email_confirm@thedomain.tld';
15
ler Ln : 11 Col : 27 Sel : 0 Dos\Windows ANSI INS
```

3. Set cronjob for once a day. Use the following command :  
`php -q /home/{username}/cpb/cpb_homedir.php`  
Replace the `{username}` with your cpanel username.

MINUTE	HOURL	DAY	MONTH	WEEKDAY	COMMAND
0	0	*	*	*	<code>php -q /home/cpanelba /cpb/cpb_homedir.php</code>

## II. Installation For Remote FTP Backup

1. Upload `cpb` folder to home directory.
2. Edit `cpb_ftp.php` file. Fill your hosting account information: domain, username, password and email confirmation. If you want to backup multiple accounts, write and fill the remaining hosting account information. Also fill the ftp account information.



```
*C:\htdocs\cpb\rc1\cpb_ftp.php - Notepad++
File Edit Search View Encoding Language Settings Macro Run Plugins Window ? X
cpb_ftp.php
10
11 $server[0]['domain'] = 'thedomain.tld';
12 $server[0]['username'] = 'theusername';
13 $server[0]['password'] = 'thepassword';
14 $server[0]['email'] = 'email_confirm@thedomain.tld';
15
16 $server[1]['domain'] = '';
17 $server[1]['username'] = '';
18 $server[1]['password'] = '';
19 $server[1]['email'] = '';
20
21 $server[2]['domain'] = '';
22 $server[2]['username'] = '';
23 $server[2]['password'] = '';
24 $server[2]['email'] = '';
25
26 /* backup destination */
27 $ftp['domain'] = 'backupserver.com';
28 $ftp['username'] = 'backup';
29 $ftp['password'] = 'backup';
30 $ftp['port'] = 21;
31 $ftp['dir'] = '/';
32
ler Ln : 27 Col : 21 Sel : 0 Dos\Windows ANSI INS
```

3. Set cronjob for once a day. Use the following command :

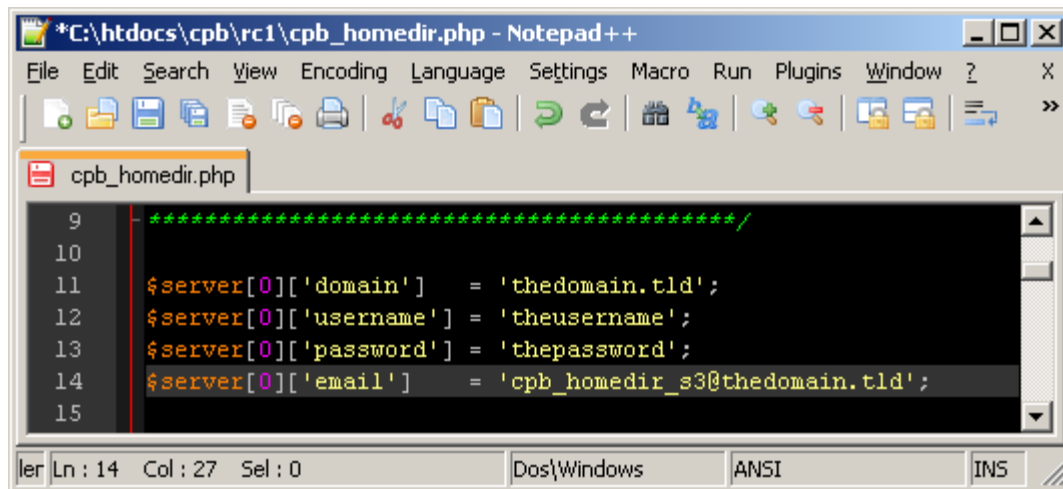
```
php -q /home/{username}/cpb/cpb_ftp.php
```

Replace the `{username}` with your cpanel username.

MINUTE	HOURL	DAY	MONTH	WEEKDAY	COMMAND
0	0	*	*	*	php -q /home/cpanelba/cpb/cpb_ftp.php



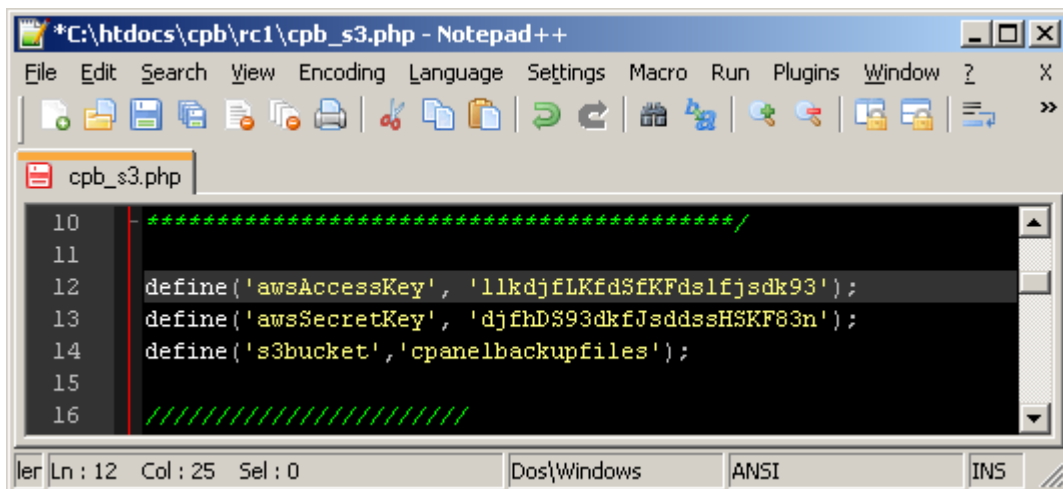
2. Edit `cpb_homedir.php` file. Fill your hosting account information: domain, username, password and email confirmation. Set email confirmation to : `cpb_homedir_s3@thedomain.tld`. Replace the `thedomain.tld` to your domain name.



```
*C:\htdocs\cpb\rc1\cpb_homedir.php - Notepad++
File Edit Search View Encoding Language Settings Macro Run Plugins Window ? X
cpb_homedir.php
9 *****/
10
11 $server[0]['domain'] = 'thedomain.tld';
12 $server[0]['username'] = 'theusername';
13 $server[0]['password'] = 'thepassword';
14 $server[0]['email'] = 'cpb_homedir_s3@thedomain.tld';
15
ler Ln : 14 Col : 27 Sel : 0 Dos\Windows ANSI INS
```

**Attention:** We need something to trigger amazon s3 uploader script to upload new created backup file. Here we will use email confirmation as the trigger. In step 5 we will create email forwarder for this purpose. To prevent email name conflict, we will use `cpb_homedir_s3@thedomain.tld`.

3. Edit `cpb_s3.php`. Fill your AWS access code that we have prepared before. You may also want change the s3 bucket name.



```
*C:\htdocs\cpb\rc1\cpb_s3.php - Notepad++
File Edit Search View Encoding Language Settings Macro Run Plugins Window ? X
cpb_s3.php
10 *****/
11
12 define('awsAccessKey', '11kdjfLKfdSfKfDslfj@dK93');
13 define('awsSecretKey', 'djfhD$93dkfJ@dssHSKF83n');
14 define('s3bucket', 'cpanelbackupfiles');
15
16 //////////////////////////////////////
ler Ln : 12 Col : 25 Sel : 0 Dos\Windows ANSI INS
```

4. Change file permission (chmod) `cpb_s3.php` to 764. It will make this file become executable by the file owner.

5. Create new email forwarder for `cpb_homedir_s3@thedomain.tld`. Instead of normal email forwarding, we need to pipe it to s3 uploader script. Use the following entry for piping script:

```
/usr/bin/php -q /home/{username}/cpb/cpb_s3.php
```

Change the `{username}` with the cpanel username.

If you forgot the step 4 to set file permission to executable, then CPanel will give you a reminder message. If this happen to you, click the **Fixup Piped Program** button. It will fix the problem.

**Address**

Address to Forward:  @

**Destination**

Forward to email address:

Discard with error to sender (at SMTP time)

Failure Message (seen by sender):

**Advanced Options »**

Forward to a system account:

Pipe to a Program:

When piping to a program, you should enter a path relative to your home directory interpreter such as Perl or PHP, you should omit the `/usr/bin/perl` or `/usr/bin/php` if your script is executable and has the appropriate [hashbang](#) at the top of the script to add the hashbang, just make sure to name your script file with the correct extension. If prompted to have the hashbang added automatically.

Discard (Not Recommended)

6. Set cronjob for once a day. Use the following command :

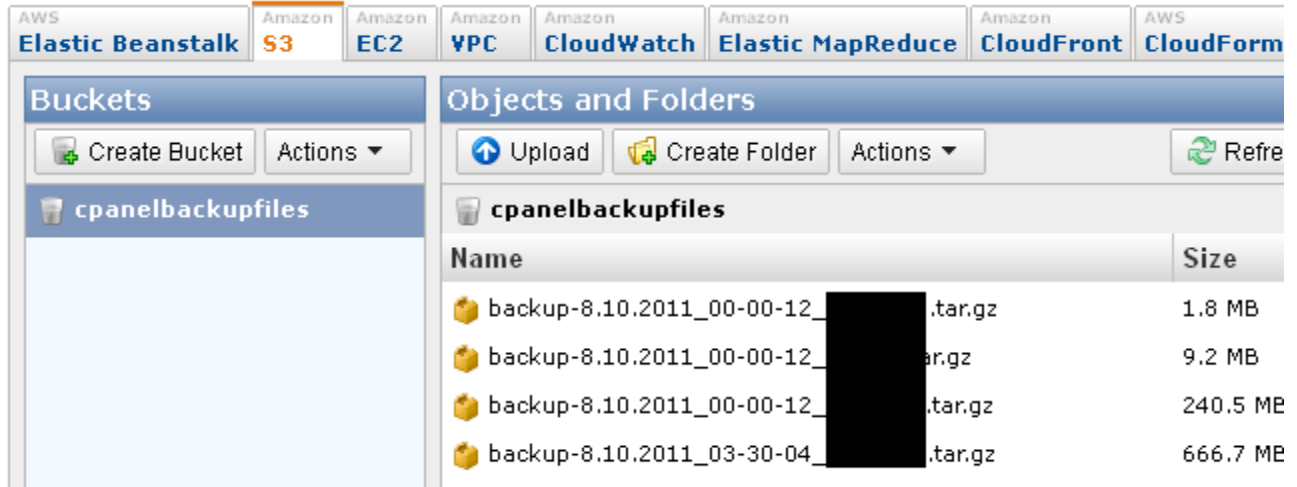
```
php -q /home/{username}/cpb/cpb_homedir.php
```

Replace the `{username}` with your cpanel username.

MINUTE	HOURL	DAY	MONTH	WEEKDAY	COMMAND
0	0	*	*	*	<code>php -q /home/cpanelba/cpb/cpb_homedir.php</code>

After backup files uploaded to amazon s3 account, the original backup files in your server will be deleted.

You can login to AWS Console to check the backup files.



If you have any questions, feel free to contact me at [support@cpanelbackupsript.com](mailto:support@cpanelbackupsript.com)