

# UAPI Functions - Backup::fullbackup\_to\_ftp

## Guide to UAPI

- Return Data
- Filter Output
- Sort Output
- Paginate Output
- Output Columns
- Calls from the WHM API
- Custom UAPI Modules

## Description

This function creates a full backup to the remote server via File Transfer Protocol (FTP). The system creates a file in the `backup-MM.DD.YYYY_HH-mm-ss.tar.gz` filename format.

### Note:

In this filename format:

- `YYYY` represents the year.
- `MM` represents the month.
- `DD` represents the date.
- `HH` represents the hour.
- `mm` represents the minute.
- `ss` represents the second.
- `username` represent's the account's username.

## Example

### cPanel or Webmail Session URL

```
https://hostname.example.com:2083/cpsess#####/execute/Backup/fullbackup_to_ftp?variant=active&username=username&password=luggage123456&host=example.com&port=21&directory=%2Fpublic_ftp&email=username%40example.com
```

### Note:

This example calls the UAPI function via a cPanel session. For more information, read our [Guide to UAPI](#) documentation.

## Function information

## About this module

The Backup module manages backups.

## About UAPI

UAPI accesses and modifies data for cPanel accounts.

Backup  
Backup::  
fullbackup

p\_to\_ftp

Backup:: fullbackup  
p\_to\_homedir

Backup:: fullbackup  
p\_to\_scp\_with\_key

Backup:: fullbackup  
p\_to\_scp\_with\_password

Backup:: list\_backups

### Bandwidth

Bandwidth:: get\_enabled\_protocols

Bandwidth:: get\_retention\_periods

Bandwidth:: query

### Batch

Batch:: strict

### Brand

Brand:: read

### Branding

Branding:: file

Branding:: get\_applications

Branding:: get\_application\_information

Branding:: get\_available\_applications

Branding:: get\_information\_for\_applications

- Branding:: image
- Branding:: include
- Branding:: spritelist
- CacheBuster
  - CacheBuster:: read
  - CacheBuster:: update
- Chkserverd
  - Chkserverd:: get\_exim\_ports
  - Chkserverd:: get\_exim\_ports\_ssl
- Chrome
  - Chrome:: get\_dom
- Contactus
  - Contactus:: is\_enabled
- cPAddons
  - cPAddons:: get\_available\_addons
  - cPAddons:: get\_instance\_settings
  - cPAddons:: list\_addon\_instances
- cPGreyList
  - cPGreyList:: disable\_all\_domains
  - cPGreyList:: disable\_domains
  - cPGreyList:: enable\_all\_domains
  - cPGreyList:: enable\_domains
  - cPGreyList:: has\_reylisting\_enabled
  - cPGreyList:: list\_domains
- DAV
  - DAV:: disable\_shared\_global\_addressbook
  - DAV:: enable\_shared\_global\_addressbook
  - DAV:: get\_calendar\_contacts\_config
  - DAV:: has\_shared\_global\_addressbook
  - DAV:: is\_dav\_service\_enabled

## LiveAPI PHP Class

```

$cpnl = new
CPANEL(); // Connect
to cPanel - only do
this once.

// Perform a full
backup of the
account's files via
FTP.
$fullbackup =
$cpnl->uapi(
'Backup',
'fullbackup_to_ftp',
array(
'variant' =>
'active',
'username' =>
'username',
'password' =>
'luggage123456',
'host' =>
'example.com',
'port' => '21',
'directory' =>
'/public_ftp',
'email' =>
'username@example.com'
)
);

```

**Note:**  
For more information, read our [Guide to the LiveAPI System](#).

**Notes:**

- Th
- Fe
- int
- Ur
- mu
- us
- 20
- or
- 20
- ).'
- 20
- or
- 20
- ).

## Find a function

- UAPI Modules - Restore — The restore module provides functions to browse and restore a user's backup files and directories.

- DAV:: is\_horde\_enabled
- DCV
    - DCV:: check\_domains\_via\_dns
    - DCV:: check\_domains\_via\_http
    - DCV:: ensure\_domains\_can\_pass\_dcv
  - DomainInfo
  - DomainInfo:: domains\_data
  - DomainInfo:: list\_domains
  - DomainInfo:: main\_domain\_builtin\_subdomain\_aliases
  - DomainInfo:: single\_domain\_data
- DNS
  - DNS:: ensure\_domains\_reside\_only\_locally
  - DNS:: has\_local\_authority
- DNSSEC
  - DNSSEC:: disable\_dnssec
  - DNSSEC:: enable\_dnssec
  - DNSSEC:: fetch\_dns\_records
  - DNSSEC:: set\_nsec3
  - DNSSEC:: unset\_nsec3
- Email
  - Email:: account\_name
  - Email:: add\_auto\_responder
  - Email:: add\_domain\_forwarder
  - Email:: add\_forwarder
  - Email:: add\_list
  - Email:: add\_mailman\_delegates
  - Email:: add\_mx
  - Email:: add\_pop
  - Email:: add\_spam\_filter

## LiveAPI Perl Module

```

my $cpliveapi =
Cpanel::LiveAPI->new(
); # Connect to
cPanel - only do this
once.

# Perform a full
backup of an
account's files via
FTP.
my $Backup_fullbackup
= $cpliveapi->uapi(
  'Backup',
  'fullbackup_to_ftp',
  {
    'variant' =>
'active',
    'username' =>
'username',
    'password' =>
'luggage123456',
    'host' =>
'example.com',
    'port' => '21',
    'directory' =>
'/public_ftp',
    'email' =>
'username@example.com'
  },
);

```

**Note:**  
For more information, read our [Guide to the LiveAPI System](#).

- UAPI Functions - Restore:: get\_users — This function lists a reseller's users with existing backup metadata.
- UAPI Functions - Restore:: directory\_listing — This function lists all of the backup files and directories in the user's home directory.

Email: browse\_mailbox  
Email: change\_mx  
Email: check\_fast\_mail  
Email: check\_pipe\_forwarder  
Email: delete\_auto\_responder  
Email: delete\_domain\_forwarder  
Email: delete\_filter  
Email: delete\_forwarder  
Email: delete\_held\_messages  
Email: delete\_list  
Email: delete\_mx  
Email: delete\_pop  
Email: disable\_filter  
Email: disable\_mailbox\_autocreate  
Email: disable\_spam\_assassin  
Email: disable\_spam\_autodelete  
Email: disable\_spam\_box  
Email: dispatch\_client\_settings  
Email: edit\_pop\_quota  
Email: enable\_filter  
Email: enable\_mailbox\_autocreate  
Email: enable\_spam\_assassin  
Email: enable\_spam\_box  
Email: fetch\_charmaps  
Email: fts\_rescan\_mailbox  
Email: generate\_mailman\_opt  
Email: get\_auto\_responder  
Email: get\_chase

## ▼ cPanel Template Toolkit

```
<!-- Perform a full backup of an account's files via FTP. -->[%execute('Backup', 'fullbackup_to_ftp', { 'variant' => 'active', 'username' => 'username', 'password' => 'luggage123456', 'host' => 'example.com', 'directory' => '/public_ftp', 'port' => '21', 'email' => 'username@example.com', } ) %]
```

**Note:**

For more information, read our [Guide to Template Toolkit](#) documentation.

- UAPI Functions - Restore: restore\_file - This function restores a file or directory from a backup to the file or directory's original location.

ts

Email: `get_client_settings`

Email: `get_default_email_quota`

Email: `get_default_email_quota_mib`

Email: `get_disk_usage`

Email: `get_filter`

Email: `get_held_message_count`

Email: `get_mailbox_autocreate`

Email: `get_mailman_delegates`

Email: `get_main_account_disk_usage`

Email: `get_main_account_disk_usage_bytes`

Email: `get_max_email_quota`

Email: `get_max_email_quota_mib`

Email: `get_pop_quota`

Email: `get_spam_settings`

Email: `get_webmail_settings`

Email: `has_delegated_mailman_lists`

Email: `has_plaintext_authentication`

Email: `hold_outgoing`

Email: `is_integer`

Email: `list_autoresponders`

Email: `list_default_address`

Email: `list_domain_forwarders`

Email: `list_filters`

Email: `list_filters_backups`

Email: `list_forwarders`

Email: `list_forward`

## Command Line

```
uapi --user=username
Backup
fullbackup_to_ftp
variant=active
username=username
password=luggage12345
6 host=example.com
directory=/public_ftp
port=21
email=username@example.com
```

### Notes:

- You **must** URI-encode values.
- `username` represents your account-level username.
- For more information and additional output options, read our [Guide to UAPI](#) documentation or run the `uapi --help` command.
- If you run CloudLinux™, you **must** use the full path of the `uapi` command:

```
/usr/local
/cpanel/bin/uapi
```

ers\_backups  
 Email:: list\_lists  
 Email:: list\_mail\_domains  
 Email:: list\_mx  
 Email:: list\_pops  
 Email:: list\_pops\_with\_disk  
 Email:: list\_system\_filter\_info  
 Email:: passwd\_list  
 Email:: passwd\_pop  
 Email:: release\_outgoing  
 Email:: remove\_mailman\_delegates  
 Email:: reorder\_filters  
 Email:: set\_always\_accept  
 Email:: set\_default\_address  
 Email:: set\_list\_privacy\_options  
 Email:: stats\_db\_status  
 Email:: store\_filter  
 Email:: suspend\_incoming  
 Email:: suspend\_login  
 Email:: suspend\_outgoing  
 Email:: trace\_filter  
 Email:: unsuspend\_incoming  
 Email:: unsuspend\_login  
 Email:: unsuspend\_outgoing  
 Email:: verify\_password  
 EmailAuth:  
 EmailAuth:: disable\_dkim  
 EmailAuth:: enable\_dkim  
 EmailAuth:: ensure\_dkim\_keys\_exist

### Output (JSON)

```

{
  "apiversion": 3,
  "module": "Backup",

  "func": "fullbackup_to_ftp",
  "result": {

    "warnings": null,
    "errors": null,
    "metadata": {

      },
    "status": 1,
    "data": {
      "pid": "2857"
    },
    "messages": null
  }
}
  
```

**Note:**  
 Use cPanel's *API Shell* interface (*cPanel >> Home >> Advanced >> API Shell*) to directly test cPanel API calls.

## Parameters

Parameter	Type	Description	Possible values	Example
variant	string	Whether to use the active or passive FTP variant to connect to the remote server.  For more information about FTP variants, read our <a href="#">How to Enable FTP Passive Mode</a> documentation.  This value defaults to active.	<ul style="list-style-type: none"> <li>active — The FTP server responds to the connection attempt and returns a connection request from a different port to the FTP client.</li> <li>passive — The FTP client initiates connection attempts.</li> </ul>	active

- EmailAuth:: fetch\_dkim\_private\_keys
- EmailAuth:: install\_dkim\_private\_keys
- EmailAuth:: install\_spf\_records
- EmailAuth:: validate\_current\_dkims
- EmailAuth:: validate\_current\_ptrs
- EmailAuth:: validate\_current\_spfs
- ExternalAuthentication
  - ExternalAuthentication:: add\_auth\_links
  - ExternalAuthentication:: configured\_modules
  - ExternalAuthentication:: get\_auth\_links
  - ExternalAuthentication:: has\_external\_auth\_modules\_configured
  - ExternalAuthentication:: remove\_authn\_link
- Features
  - Features:: get\_feature\_metadata
  - Features:: has\_feature
  - Features:: list\_features
- Fileman
  - Fileman:: autocompletedir
  - Fileman:: empty\_trash
  - Fileman:: get\_file\_content
  - Fileman:: get\_file\_information
  - Fileman:: list\_files
  - Fileman:: save\_file\_content
  - Fileman:: transcoding
  - Fileman:: upload\_files

username	string	<b>Required</b> The remote server account's username.	A valid remote server username.	username
password	string	<b>Required</b> The remote server account's password.	A valid remote server password.	luggage123456
host	string	<b>Required</b> The remote server's hostname or IP address.	A valid hostname or IP address.	example.com
directory	string	The directory on the remote server that will store the backup.  This value defaults to the remote server account's default login directory.	A valid directory.  <b>Important:</b> Enter the directory relative to the FTP user's login directory. For example, enter /public_ftp.	/public_ftp
port	integer	The port number to use during the transfer. This value defaults to 21.	A valid port number.	21

▼ Ftp

- Ftp:: add\_ftp
- Ftp:: allows\_anonymous\_ftp
- Ftp:: allows\_anonymous\_ftp\_incoming
- Ftp:: delete\_ftp
- Ftp:: ftp\_exists
- Ftp:: get\_ftp\_daemon\_info
- Ftp:: get\_port
- Ftp:: get\_quota
- Ftp:: get\_welcome\_message
- Ftp:: kill\_session
- Ftp:: list\_ftp
- Ftp:: list\_ftp\_with\_disk
- Ftp:: list\_sessions
- Ftp:: passwd
- Ftp:: server\_name
- Ftp:: set\_anonymous\_ftp
- Ftp:: set\_anonymous\_ftp\_incoming
- Ftp:: set\_homedir
- Ftp:: set\_quota
- Ftp:: set\_welcome\_message

email	<i>string</i>	<p>The email address to receive a confirmation email when the backup completes.</p> <div style="border: 1px solid orange; padding: 5px; margin: 10px 0;"> <p><b>Note</b> : The system does <b>not</b> provide confirmation if you <b>do not</b> pass this parameter.</p> </div> <p>This value defaults to undefined.</p>	A valid email address.	username@example.com
-------	---------------	--	------------------------	----------------------

**Returns**

Return	Type	Description	Possible values	Example
pid	<i>string</i>	The backup's process identifier.	A valid PID.	2857

▼ Integration

- Integration:: fetch\_url

▼ KnownHosts

- KnownHosts:: create
- KnownHosts:: delete
- KnownHosts:: update
- KnownHosts:: verify

▼ LangPHP

- LangPHP:: php\_get\_domain\_handler
- LangPHP:: php\_get\_impacted\_domains
- LangPHP:: php\_get\_installed\_version



s

LangPHP:: php\_get\_system\_default\_version

LangPHP:: php\_get\_vhost\_versions

LangPHP:: php\_ini\_get\_user\_basic\_directives

LangPHP:: php\_ini\_get\_user\_content

LangPHP:: php\_ini\_get\_user\_paths

LangPHP:: php\_ini\_set\_user\_basic\_directives

LangPHP:: php\_ini\_set\_user\_content

LangPHP:: php\_set\_vhost\_versions

▼ LastLogin

LastLogin:: get\_last\_or\_current\_logged\_in\_ip

▼ Locale

Locale:: get\_attributes

▼ Mailboxes

Mailboxes:: expunge\_mailbox\_messages

Mailboxes:: expunge\_messages\_for\_mailbox\_guid

Mailboxes:: get\_mailbox\_status

Mailboxes:: has\_utf8\_mailbox\_names

Mailboxes:: set\_utf8\_mailbox\_names

▼ Market

Market:: cancel\_pending\_ssl\_certificate

Market:: create\_shopping\_cart

Market:: get\_all\_products

Market:: get\_certificate\_status\_details

Market:: get\_login\_url

Market:: get\_pending\_ssl\_certificates

Market:: get\_provider\_specific\_dcv\_constraints

Market:: get\_providers\_list

Market:: get\_ssl\_certificate\_if\_available

Market:: process\_ssl\_pending\_queue

Market:: request\_ssl\_certificates

Market:: set\_status\_of\_pending\_queue\_items

Market:: set\_url\_after\_checkout

Market:: validate\_login\_token

#### ▼ Mime

Mime:: add\_handler

Mime:: add\_hotlink

Mime:: add\_mime

Mime:: add\_redirect

Mime:: delete\_handler

Mime:: delete\_hotlink

Mime:: delete\_mime

Mime:: delete\_redirect

Mime:: list\_handlers

Mime:: list\_hotlinks

Mime:: list\_mime

Mime:: list\_redirects

Mime:: redirect\_info

#### ▼ ModSecurity

ModSecurity:: disable\_all\_domains

ModSecurity:: disable\_domains

ModSecurity:: enable\_all\_domains

ModSecurity:: enable\_domains

ModSecurity:: has  
\_modsecurity\_inst  
alled

ModSecurity:: list\_  
domains

▼ Mysql

Mysql:: add\_host

Mysql:: add\_host\_  
note

Mysql :: check\_dat  
abase

Mysql:: create\_dat  
abase

Mysql:: create\_use  
r

Mysql:: delete\_dat  
abase

Mysql:: delete\_hos  
t

Mysql:: delete\_use  
r

Mysql:: get\_host\_n  
otes

Mysql:: get\_privile  
ges\_on\_database

Mysql:: get\_restrict  
ions

Mysql:: get\_server  
\_information

Mysql:: locate\_ser  
ver

Mysql:: rename\_d  
atabase

Mysql:: rename\_us  
er

Mysql:: repair\_dat  
abase

Mysql:: revoke\_ac  
cess\_to\_database

Mysql:: set\_passw  
ord

Mysql:: set\_privile  
ges\_on\_database

▼ Notifications

Notifications:: get\_  
notifications\_count

▼ NVData

NVData:: get

NVData:: set

▼ Parser

Parser:: firstfile\_rel  
ative\_uri

- ▼ PassengerApps
  - PassengerApps:: disable\_application
  - PassengerApps:: edit\_application
  - PassengerApps:: enable\_application
  - PassengerApps:: ensure\_deps
  - PassengerApps:: list\_applications
  - PassengerApps:: register\_application
  - PassengerApps:: unregister\_application
- ▼ PasswdStrength
  - PasswdStrength:: get\_required\_strength
- ▼ Personalization
  - Personalization::set
  - Personalization::get
- ▼ Postgresql
  - Postgresql:: create\_database
  - Postgresql:: create\_user
  - Postgresql:: delete\_database
  - Postgresql:: get\_restrictions
  - Postgresql:: grant\_all\_privileges
  - Postgresql:: rename\_database
  - Postgresql:: rename\_user
  - Postgresql:: rename\_user\_no\_password
  - Postgresql:: revoke\_all\_privileges
  - Postgresql:: set\_password
- ▼ Pushbullet
  - Pushbullet:: send\_test\_message
- ▼ Quota
  - Quota:: get\_quota\_info

- ▼ Resellers
  - Resellers:: list\_accounts
- ▼ ResourceUsage
  - ResourceUsage:: get\_usages
- ▼ Restore
  - Restore:: directory\_listing
  - Restore:: get\_users
  - Restore:: query\_file\_info
  - Restore:: restore\_file
- ▼ Session
  - Session:: create\_temp\_user
- ▼ SiteTemplates
  - SiteTemplates:: list\_site\_templates
  - SiteTemplates:: list\_user\_settings
  - SiteTemplates:: publish
- ▼ SpamAssassin
  - SpamAssassin :: clear\_spam\_box
  - SpamAssassin:: get\_symbolic\_test\_names
  - SpamAssassin:: get\_user\_preferences
  - SpamAssassin:: update\_user\_preference
- ▼ SSH
  - SSH:: get\_port
- ▼ SSL
  - SSL:: add\_autossl\_excluded\_domains
  - SSL:: can\_ssl\_redirect
  - SSL:: check\_shared\_cert
  - SSL:: delete\_cert
  - SSL:: delete\_csr
  - SSL:: delete\_key
  - SSL:: delete\_ssl
  - SSL :: disable\_mail\_sni

SSL:: enable\_mail  
\_sni

SSL:: fetch\_best\_f  
or\_domain

SSL:: fetch\_cert\_in  
fo

SSL:: fetch\_certific  
ates\_for\_fqdns

SSL:: fetch\_key\_a  
nd\_cabundle\_for\_  
certificate

SSL:: find\_certifica  
tes\_for\_key

SSL:: find\_csrs\_for  
\_key

SSL:: generate\_ce  
rt

SSL:: generate\_cs  
r

SSL:: generate\_ke  
y

SSL:: get\_autossl\_  
excluded\_domains

SSL:: get\_autossl\_  
pending\_queue

SSL:: get\_autossl\_  
problems

SSL:: get\_cabundl  
e

SSL:: get\_cn\_nam  
e

SSL:: install\_ssl

SSL:: installed\_ho  
st

SSL:: installed\_ho  
sts

SSL:: is\_autossl\_c  
heck\_in\_progress

SSL:: is\_mail\_sni\_  
supported

SSL:: is\_sni\_supp  
orted

SSL:: list\_certs

SSL:: list\_csrs

SSL:: list\_keys

SSL:: list\_ssl\_item  
s

SSL:: mail\_sni\_sta  
tus

SSL:: rebuild\_mail  
\_sni\_config

SSL:: rebuildssldb

SSL:: remove\_aut  
ossl\_excluded\_do  
mains

SSL:: set\_autossl\_  
excluded\_domains

SSL:: set\_cert\_frie  
ndly\_name

SSL:: set\_csr\_frien  
dly\_name

SSL:: set\_key\_frie  
ndly\_name

SSL:: set\_primary  
\_ssl

SSL:: set\_ssl\_shar  
e

SSL:: show\_cert

SSL:: show\_csr

SSL:: show\_key

SSL:: start\_autossl\_  
\_check

SSL:: toggle\_ssl\_r  
edirects\_for\_doma  
ins

SSL:: upload\_cert

SSL:: upload\_key

▼ StatsBar

StatsBar:: get\_stat  
s

▼ Styles

Styles:: current

Styles:: list

Styles:: set\_default

Styles:: update

▼ SubDomain

SubDomain:: adds  
ubdomain

▼ Themes

Themes:: get\_the  
me\_base

Themes:: list

Themes:: update

▼ Tokens

Tokens:: create\_fu  
ll\_access

Tokens:: list

Tokens:: rename

Tokens:: revoke

▼ TwoFactorAuth

TwoFactorAuth:: generate\_user\_configuration

TwoFactorAuth:: get\_user\_configuration

TwoFactorAuth:: remove\_user\_configuration

TwoFactorAuth:: set\_user\_configuration

▼ UserManager

UserManager:: check\_account\_conflicts

UserManager:: create\_user

UserManager:: delete\_user

UserManager:: dismiss\_user

UserManager:: edit\_user

UserManager:: list\_users

UserManager:: lookup\_service\_account

UserManager:: lookup\_user

UserManager:: merge\_service\_account

UserManager:: unlink\_service\_account

▼ UserTasks

UserTasks:: delete

UserTasks:: retrieve

▼ VersionControl

VersionControl:: create

VersionControl:: delete

VersionControl:: retrieve

VersionControl:: update

▼ VersionControlDeployment

VersionControlDeployment:: create



VersionControlDeployment:: **delete**

VersionControlDeployment:: **retrieve**

▼ **WebDisk**

WebDisk:: **delete\_user**

WebDisk:: **set\_homedir**

WebDisk:: **set\_password**

WebDisk:: **set\_permissions**

▼ **WebmailApps**

WebmailApps:: **list\_webmailapps**

▼ **WebVhosts**

WebVhost:: **list\_domains**

WebVhost:: **list\_ssl\_capable\_domains**

▼ **WordPressBackup**

WordPressBackup:: **any\_running**

WordPressBackup:: **cancel**

WordPressBackup:: **cleanup**

WordPressBackup:: **get\_available\_backups**

WordPressBackup:: **is\_running**

WordPressBackup:: **start**

▼ **WordPressInstance**

**Manager**

WordPressInstanceManager:: **cancel\_scan**

WordPressInstanceManager:: **cleanup\_scan**

WordPressInstanceManager:: **change\_admin\_password**

WordPressInstanceManager:: **configure\_autoupdate**

WordPressInstanceManager:: **get\_api\_version**

WordPressInstanceManager:: **get\_in**

stance\_by\_id

WordPressInstanceManager::get\_instances

WordPressInstanceManager::get\_latest\_wordpress\_version\_from\_wordpress\_org

WordPressInstanceManager::get\_scan\_results

WordPressInstanceManager::is\_installable\_addon\_available

WordPressInstanceManager::start\_scan

▼ WordPressRestore

WordPressRestore::any\_running

WordPressRestore::cleanup

WordPressRestore::start