

UAPI Functions - Backup::fullbackup_to_scp_with_key

Guide to UAPI

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

Description

This function creates a full backup to a remote server with a private SSH key via the secure copy protocol (`scp`) command. The system creates a file in the `backup-MM.DD.YYYY_HH-mm-ss_username.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_scp_with_key?host=example.com&port=22&key_name=examplesshkey&key_password=123456luggage&directory=%2Fuser&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_to_homedir

Backup::fullbackup_to_scp_with_key

Backup::fullbackup_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_exit_ports
 - Chkserverd:: get_exit_ports_ssl
- Chrome
 - Chrome:: get_domain
- 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_greylisting_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
scp with a private
SSH key.
$fullbackup =
$cpnl->uapi(
    'Backup',
    'fullbackup_to_scp_wi
th_key',
    array(
        'host'      =>
'example.com',
        'port'      =>
'22',
        'key_name'  =>
'examplesshkey',
        'key_passphrase'
=> '123456luggage',
        'directory' =>
'/user'
        'email'     =>
'username@example.com
',
    );

```

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

Notes:

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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 the
account's files via
scp with a private
SSH key.
my $Backup_fullbackup
= $cpliveapi->uapi(
'Backup',
'fullbackup_to_scp_wi
th_key',
{
'host' =>
'example.com',
'port' =>
'22',
'key_name' =>
'examplessshkey',
'key_passphrase'
=> '123456luggage',
'directory' =>
'/user'
'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_fastmail
Email: check_pipe_forwarder
Email: delete_auto_responder
Email: delete_domain_forwarder
Email: delete_filter
Email: delete_forwarder
Email: delete_help_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 the account's files via scp with a private SSH key. --> [%execute('Backup', 'fullbackup_to_scp', { 'host' => 'example.com', 'port' => '22', 'key_name' => 'examplesshkey', 'key_passphrase' => '123456luggage', '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_plaint_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_scp_wit  
h_key  
host=example.com  
port=22  
key_name=examplesshke  
y  
key_passphrase=123456  
luggage  
directory=/user  
email=username@exampl  
e.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_scp_with_key",
  "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
host	string	Required The remote server's hostname or IP address.	A valid hostname or IP address.	example.com
port	integer	The port to use during the transfer. This value defaults to 22.	A valid port number.	22
key_name	string	Required The SSH key's name.	A valid string.	examplesshkey

Note:

EmailAuth:: fetch_
dkim_private_keys

EmailAuth:: install
_dkim_private_key
s

EmailAuth:: install
_spf_records

EmailAuth:: validat
e_current_dkims

EmailAuth:: validat
e_current_ptrs

EmailAuth:: validat
e_current_spfs

ExternalAuthenticat
ion

ExternalAuthenticat
ion:: add_auth_li
nk

ExternalAuthenticat
ion:: configured_
modules

ExternalAuthenticat
ion:: get_authn_lin
ks

ExternalAuthenticat
ion:: has_external
_auth_modules_co
nfigured

ExternalAuthenticat
ion:: remove_auth
n_link

Features

Features:: get_feat
ure_metadata

Features:: has_fea
ture

Features:: list_feat
ures

Fileman

Fileman:: autocom
pletedir

Fileman:: empty_tr
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Fileman:: get_file_
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Fileman:: get_file_i
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Fileman:: list_files

Fileman:: save_file
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Fileman:: transcod
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Fileman:: upload_fi
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n
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- 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
 - 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

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key_passphrase	string	Required The SSH key's password.	A secure string of four characters or more.	1234561uggage

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

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.	/user
email	string	The email address to receive a confirmation email when the backup completes. Note : The system does not provide confirmation if you do not pass this parameter. This value defaults to undefined.	A valid email address.	username@example.com

Returns

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

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