

UAPI Functions - Restore::query_file_info

Guide to UAPI

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

Backup::
list_backups

- Bandwidth
 - 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
- Chkservd
 - Chkservd:: get_exi

Description

This function lists all of an item's backup locations. An item can be a file, directory, or a symlink.

Examples

▼ cPanel or Webmail Session URL

```
https://hostname.example.com:2083/cpsessXXXXXXXXXX/execute/Restore/query_file_info?fullpath=%2Fpublic_html%2Findex.php
```

▼ Backup

```
https://hostname.example.com:2083/cpsessXXXXXXXXXX/execute/Restore/query_file_info?fullpath=%2Fpublic_html
```

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 Restore module provides functions to browse a user's backup files and restore files and directories for that user.

About UAPI

UAPI accesses and modifies data for cPanel accounts.

- m_ports
 - Chkserverd: get_ext_m_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_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
 - DAV:: is_horde_enabled
- ▼ DCV
 - DCV:: check_domains_via_http
 - DCV:: ensure_domains_can_pass_dcv
- ▼ DomainInfo
 - DomainInfo: domains_data

▼ LiveAPI PHP Class

```

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

// get a list of all
backups that contain
file
$DAV = $cpnl->uapi(
  'Restore',
  'query_file_info',
  array(
    'fullpath'
  )
=>
'/public_html/index.p
hp',
);

```

```

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

// get a list of all
backups that contain
file
$DAV = $cpnl->uapi(
  'Restore',
  'query_file_info',
  array(
    'fullpath'
  )
=> '/public_html',
);

```

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

▼ LiveAPI Perl Module

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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.

DomainInfo:: list_domains

DomainInfo:: single_domain_data

▼ DNS

DNS:: ensure_domains_reside_only_locally

▼ 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

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_list

Email:: delete_mx

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

```
# get a list of all  
backups that contain  
file  
my  
$disable_shared_global_addressbook =  
$cpliveapi->uapi(  
  'Restore',  
  'query_file_info',  
  {  
    'fullpath'  
  }  
=>  
'/public_html/index.php',  
  }  
);
```

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

```
# get a list of all  
backups that contain  
file  
my  
$disable_shared_global_addressbook =  
$cpliveapi->uapi(  
  'Restore',  
  'query_file_info',  
  {  
    'fullpath'  
  }  
=> '/public_html',  
  }  
);
```

Note:

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

• UAPI Functions - Restore: restore_file

— This function restores a file from a backup to the file's original location.

• UAPI Functions -

Restore: directory_listing — This function lists all of the backup files and directories in the user's home directory.

Email:: delete_pop

Email:: disable_filter

Email:: disable_spam_assassin

Email:: disable_spam_autodelete

Email:: edit_pop_quota

Email:: enable_filter

Email:: enable_spam_assassin

Email:: fetch_charmaps

Email:: generate_mailman_opt

Email:: get_auto_responder

Email:: get_charts

Email:: get_default_email_quota

Email:: get_disk_usage

Email:: get_filter

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:: is_integer

Email:: list_auto_responders

▼ cPanel Template Toolkit

```
<!-- get a list of
all backups that
contain file -->
[% data = execute(
'Restore',
'query_file_info'{
'fullpath' =>
'/public_html/index.p
hp' } ); %]
[% FOREACH q = data
%]

    <p>
        BackupDate:
[% q.backupDate %]
backupID: [%
q.backupID %]
FileSize: [%
q.fileSize %]
Fullpath: [%
q.fullpath %]
ModifiedDate: [%
q.modifiedDate %]
    </p>
[% END %]
```

Email: list_default_address

Email: list_domain_forwarders

Email: list_filters

Email: list_filters_backups

Email: list_forwarders

Email: list_forwarders_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: 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: trace_filter

Email: unsuspend_incoming

Email: unsuspend_login

Email: verify_password

ExternalAuthentication

ExternalAuthenticat

```
<!-- get a list of
all backups that
contain file -->
[% data = execute(
'Restore',
'query_file_info'{
'fullpath' =>
'/public_html' } );
%]
[% FOREACH q = data
%]
    <p>
        BackupDate:
[% q.backupDate %]
backupID: [%
q.backupID %]
FileSize: [%
q.fileSize %]
Fullpath: [%
q.fullpath %]
ModifiedDate: [%
q.modifiedDate %]
    </p>
[% END %]
```

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

tion:: add_authn_link

ExternalAuthentication:: configured_modules

ExternalAuthentication:: get_authn_links

ExternalAuthentication:: has_external_auth_modules_configured

ExternalAuthentication:: remove_authn_link

Features

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

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

Command Line

```
uapi --user=example
Restore
query_file_info
fullpath=/public_html
/index.php
```

```
uapi --user=example
Restore
query_file_info
fullpath=/public_html
/
```

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.
- We introduced this functionality in cPanel & WHM version 56.

Output (JSON)

```
# Output for: Restore
query_file_info
fullpath=/directory/file.name

{
  "errors":null,
  "messages":null,
  "data":[
    {
      "modifiedDate":"2017-09-13 14:58",
      "backupID":"2017-09-17",
      "backupDate":"2017-09-17",
      "type":"file",
      "backupType":"compres
```

```

Ftp:: list_ftp
Ftp:: list_ftp_with_
disk
Ftp:: list_sessions
Ftp:: passwd
Ftp:: server_name
Ftp:: set_anonymo
us_ftp
Ftp:: set_anonymo
us_ftp_incoming
Ftp:: set_homedir

Ftp:: set_quota
Ftp:: set_welcome
_message

```

[Integration](#)
 Integration:: fetch_
 url

[LangPHP](#)
 LangPHP:: php_ge
 t_domain_handler

```

LangPHP:: php_ge
t_impacted_domai
ns
LangPHP:: php_ge
t_installed_version
s
LangPHP:: php_ge
t_system_default_
version
LangPHP:: php_ge
t_vhost_versions
LangPHP:: php_ini
_get_user_basic_d
irectives
LangPHP:: php_ini
_get_user_content
LangPHP:: php_ini
_get_user_paths
LangPHP:: php_ini
_set_user_basic_d
irectives
LangPHP:: php_ini
_set_user_content
LangPHP:: php_se
t_vhost_versions

```

[Locale](#)
 Locale:: get_attri
 butes

[Mailboxes](#)
 Mailboxes:: expun
 ge_mailbox_mess
 ages

```

sed",
"fileSize": "1792",
"fullpath": "/public_h
tml/testdir/9.txt"
},
{
"fullpath": "/public_h
tml/testdir/9.txt",
"fileSize": "1792",
"backupType": "compres
sed",
"backupID": "2017-09-1
8",
"modifiedDate": "2017-
09-13 14:58",
"backupDate": "2017-09
-18",
"type": "file"
}
],
"metadata": {
"transformed": 1
},
"status": 1
}
# Output for: Restore
query_file_info
fullpath=/directory
{
"data": [
{
"dirSize": 40896,
"backupID": "2017-09-1
7",
"backupType": "increme
ntal",
"type": "dir",
"backupDate": "2017-09

```

Mailboxes:: expunge_messages_for_mailbox_guid

Mailboxes:: get_mailbox_status

Market

Market:: cancel_pending_ssl_certificate

Market:: get_all_products

Market:: get_login_url

Market:: get_pending_ssl_certificates

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_redirect

```
-17",
"fileCount":15,
"fullpath":"/public_html/testdir"
},
{
"backupID":"2017-09-18",
"dirSize":40896,
"fileCount":15,
"type":"dir",
"backupDate":"2017-09-18",
"backupType":"compressed",
"fullpath":"/public_html/testdir"
}
],
"status":1,
"errors":null,
"metadata":{"transformed":1
```

s

Mime:: redirect_inf
o

ModSecurity

ModSecurity:: disa
ble_all_domains

ModSecurity:: disa
ble_domains

ModSecurity:: ena
ble_all_domains

ModSecurity:: ena
ble_domains

ModSecurity:: has
_modsecurity_inst
alled

ModSecurity:: list_
domains

Mysql

Mysql:: add_host

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_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

```
},  
"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
fullpath	string	<p>Required.</p> <p>An item in the user's home directory, or any level below it.</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p>Note : The value of this parameter must begin with a forward slash (/).</p> </div>	A valid file path.	/public_html/index.php

Returns

Return	Type	Description	Possible values	Example
data	array of hashes	An array of hashes that contains information about the backups that exist in a file.	This array contains one or more unnamed hashes.	

- Notifications:: `get_notifications_count`
- NVData:: `get`
 - NVData:: `set`
 - Parser
 - Parser:: `firstfile_relative_uri`
 - PassengerApps
 - PassengerApps:: `disable_application`
 - PassengerApps:: `edit_application`
 - PassengerApps:: `enable_application`
 - PassengerApps:: `list_applications`
 - PassengerApps:: `register_application`
 - PassengerApps:: `unregister_application`
 - PasswdStrength
 - PasswdStrength:: `get_required_strength`
 - 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`

	<i>hash</i>	A hash that contains an item's details.	This hash contains one or more of the following parameters: <ul style="list-style-type: none"> • backupDate • backupID • backupType • dirSize • fileCount • fileSize • fullpath • modifiedDate • type 	
backupDate	<i>integer</i>	The date when the system created the backup. The function returns this value in the unnamed hash.	The date, in YY-YY-MM-DD format, where: <ul style="list-style-type: none"> • YYYY represents the year. • MM represents the month. • DD represents the date. 	2017-07-01
backupID	<i>string</i>	The backup's identification. The function returns this value in the unnamed hash.	<ul style="list-style-type: none"> • A date, in YYYY-MM-DD format. • The value incremental, for an incremental daily backup. • The backup frequency, a slash character (/), and the backup date, in YY-YY-MM-DD format. • The backup frequency, a slash character (/), and the value incremental. <div style="border: 1px solid orange; padding: 5px; margin-top: 10px; text-align: center;"> <p>Note :</p> </div>	2017-07-01

SSL::generate_certificate

SSL::generate_key

SSL::get_autossl_excluded_domains

SSL::get_autossl_pending_queue

SSL::get_autossl_problems

SSL::get_cabundle

SSL::get_cn_name

SSL::install_ssl

SSL::installed_hosts

SSL::installed_hosts

SSL::is_autossl_check_in_progress

SSL::is_mail_sni_supported

SSL::is_sni_supported

SSL::list_certs

SSL::list_csrs

SSL::list_keys

SSL::list_ssl_items

SSL::mail_sni_status

SSL::rebuild_mail_sni_config

SSL::rebuildssldb

SSL::remove_autossl_excluded_domains

SSL::set_autossl_excluded_domains

SSL::set_cert_friendly_name

SSL::set_csr_friendly_name

SSL::set_key_friendly_name

SSL::set_primary_ssl

SSL::set_ssl_share

backup Type	<i>string</i>	<p>The backup type.</p> <p>The function returns this value in the unnamed hash.</p>	<ul style="list-style-type: none"> compressed — A compressed tar file. incremental — A full tree of files and directories. uncompressed — An uncompressed tar file. 	compressed
dirSize	<i>integer</i>	<p>The size, in bytes, of the directory and all of its files, subdirectories, and subfiles.</p> <p>The function returns this value in the unnamed hash.</p> <div style="border: 1px solid orange; padding: 5px; margin-top: 10px;"> <p>Note : The function returns this value only when the item is a directory.</p> </div>	An integer.	12

SSL:: show_cert
 SSL:: show_csr
 SSL:: show_key
 SSL:: start_autossl_check
 SSL:: upload_cert
 SSL:: upload_key
 ▾ StatsBar
 StatsBar:: get_stats
 ▾ Styles
 Styles:: current
 Styles:: list
 Styles:: set_default
 Styles:: update
 ▾ Themes
 Themes:: get_theme_base
 Themes:: list
 Themes:: update
 ▾ 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_user
 UserManager:: merge_service_account

fileCount	integer	<p>The sum of all the files, subfiles, and subdirectories within a specified directory.</p> <p>The function returns this value in the unnamed hash.</p> <div data-bbox="734 428 870 863" style="border: 1px solid orange; padding: 5px;"> <p>Note : The function returns this value only when the item is a directory.</p> </div>	An integer.	2
fileSize	integer	<p>The size, in bytes, of the file in the backup.</p> <p>The function returns this value in the unnamed hash.</p> <div data-bbox="734 1098 870 1577" style="border: 1px solid orange; padding: 5px;"> <p>Note : The function returns this value only when the item is a file or a symlink.</p> </div>	An integer.	199
fullpath	string	<p>The identical fullpath value that the system passed in the function.</p> <p>The function returns this value in the unnamed hash.</p>	A filepath.	/public_html/index.php

nt
 UserManager:: unlink_service_account

▼ WebDisk
 WebDisk:: set_home_dir
 WebDisk:: set_password
 WebDisk:: set_permissions

▼ WebmailApps
 WebmailApps:: list_webmailapps

▼ WebVhosts
 WebVhost:: list_domains
 WebVhost:: list_ssl_capable_domains

▼ WordPressInstanceManager
 WordPressInstanceManager:: change_admin_password
 WordPressInstanceManager:: configure_autoupdate
 WordPressInstanceManager:: get_api_version
 WordPressInstanceManager:: get_instance_by_id
 WordPressInstanceManager:: get_instances
 WordPressInstanceManager:: get_latest_wordpress_version_from_wordpress_org

modifiedDate	integer	The file's last modified date, at the time of the backup. The function returns this value in the unnamed hash.	The date and time in YYYY-MM-DD HH:mm format, where: <ul style="list-style-type: none"> • YYYY represents the year. • MM represents the month. • DD represents the date. • HH represents the hour. • mm represents the minute. 	2017-06-02 12:18
type	string	The item type stored in the backup. The function returns this value in the unnamed hash.	<ul style="list-style-type: none"> • dir — A directory. • file — A file. • symlink — A symlink. 	file