

UAPI Functions - NVData::get

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Description

This function retrieves data from a non-volatile datastore. The system stores these files in the `/home/user/.cpanel/nvdata` directory, where `user` represents the account name.

Note:

We deprecated this function in cPanel & WHM version 74. Instead, we recommend that you use the `UAPI Functions - Personalization::get` function.

Examples

▼ cPanel or Webmail Session URL

```
▼ https://hostname.exam  
ple.com:2083/cpsess##  
#####/execute/NVDa  
ta/get?names=testfile
```

Note:

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

Func tion infor mati on

About t this mod ule

The `NVData` module manages environment variables.

About t UAPI

UAPI accesses and modifies data for cPanel accounts.

- Branding:: image
- Branding:: include
- Branding:: spritelist
- CacheBuster
 - CacheBuster:: read
 - CacheBuster:: update
- Chkservd
 - Chkservd:: get_exim_ports
 - Chkservd:: get_exim_ports_ssl
- Chrome
 - Chrome:: get_dom
- Contactus
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 - 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.

// Get the NVData
file "testfile".
$get_nvdata =
$cpnl->uapi(
    'NVData', 'get',
    array(
        'names' =>
        'testfile',
    )
);

```

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

LiveAPI Perl Module

```

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

# Get the NVData file
"testfile".
my $get_nvdata =
$cpliveapi->uapi(
    'NVData', 'get',
    {
        'names' =>
        'testfile',
    }
);

```

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

Notes:

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Find a function

The NVData module manages non-volatile variables.

- 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_ds_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

▼ cPanel Template Toolkit

```

<!-- Get the minimum password strength for webdisk. -->
[% data = execute(
  'NVData', 'get', {
    names => 'testfile'
  }); %]
[% FOREACH q = data %]
  <p>
    [% q %]
  </p>
[% END %]

```

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

▼ Command Line

```

uapi --user=username
NVData get
names=testfile

```

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

```

- UAPI Functions - NVData::set — This function creates a non-volatile data store.
- UAPI Functions - NVData::get — This function retrieves data from a non-volatile data store.
- UAPI Functions - Personalization::get — This function retrieves the data from an NVData file on disk.

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_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

Output (JSON)

```
{
  "messages": null,
  "errors": null,
  "status": 1,
  "data": [
    {
      "value":
      "testvalue",
      "name":
      "testfile"
    }
  ],
  "metadata": {
    "transformed": 1
  }
}
```

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

- UAPI Functions - Personalization: set — This function saves its data to an NVDATA file on disk.

Parameters

Parameter	Type	Description	Possible values	Example
-----------	------	-------------	-----------------	---------

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`

names	string	Required The file or files to retrieve.	A valid file path, relative to the <code>/home/user/.cpanel/nvdata</code> directory, where <code>user</code> represents the cPanel user. Note : To retrieve multiple files, separate each file with a pipe (<code> </code>) character.	testfile
-------	--------	---	--	----------

Returns

Return	Type	Description	Possible values	Example
	<i>array of hashes</i>	An array of hashes that contains information about the non-volatile data.	This array of hashes includes the <code>name</code> and <code>value</code> returns.	
<code>name</code>	string	The file's name. The function returns this value in the unnamed hash.	A valid string.	testfile
<code>value</code>	string	The file's contents. The function returns this value in the unnamed hash.	A valid string.	testvalue

ers_backups

Email:: list_lists

Email:: list_mail_d
omains

Email:: list_mx

Email:: list_pops

Email:: list_pops_
with_disk

Email:: list_system
_filter_info

Email:: passwd_list

Email:: passwd_po
p

Email:: release_ou
tgoing

Email:: remove_m
ailman_delegates

Email:: reorder_filt
ers

Email:: set_always
_accept

Email:: set_default
_address

Email:: set_list_pri
vacy_options

Email:: stats_db_st
atus

Email:: store_filter

Email:: suspend_in
coming

Email:: suspend_lo
gin

Email:: suspend_o
utgoing

Email:: trace_filter

Email:: unsuspend
_incoming

Email:: unsuspend
_login

Email:: unsuspend
_outgoing

Email:: verify_pass
word

▼ EmailAuth

EmailAuth:: disabl
e_dkim

EmailAuth:: enable
_dkim

EmailAuth:: ensure
_dkim_keys_exist

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

ExternalAuthentic
ation:: add_auth_li
nk

ExternalAuthentic
ation:: configured_
modules

ExternalAuthentic
ation:: get_auth_lin
ks

ExternalAuthentic
ation:: has_external
_auth_modules_co
nfigured

ExternalAuthentic
ation:: 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
ash

Fileman:: get_file_
content

Fileman:: get_file_i
nformation

Fileman:: list_files

Fileman:: save_file
_content

Fileman:: transcod
e

Fileman:: upload_fi
les

▼ 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

▼ 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

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notifications_count

▼ NVData

NVData:: get

NVData:: set

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ative_uri

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 - PassengerApps:: edit_application
 - PassengerApps:: enable_application
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 - Postgresql:: create_user
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 - Postgresql:: rename_database
 - Postgresql:: rename_user
 - Postgresql:: rename_user_no_password
 - Postgresql:: revoke_all_privileges
 - Postgresql:: set_password
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 - Pushbullet:: send_test_message
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 - Quota:: get_quota_info

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 - ResourceUsage:: get_usages
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 - SSL:: delete_csr
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SSL:: enable_mail
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or_domain

SSL:: fetch_cert_in
fo

SSL:: fetch_certific
ates_for_fqdns

SSL:: fetch_key_a
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certificate

SSL:: find_certifica
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SSL:: find_csrs_for
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SSL:: generate_cs
r

SSL:: generate_ke
y

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e

SSL:: get_cn_nam
e

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heck_in_progress

SSL:: is_mail_sni_
supported

SSL:: is_sni_supp
orted

SSL:: list_certs

SSL:: list_csrs

SSL:: list_keys

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SSL:: mail_sni_sta
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SSL:: rebuild_mail
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SSL:: rebuildssldb

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SSL:: set_autossl_
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dly_name

SSL:: set_key_frie
ndly_name

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SSL:: set_ssl_shar
e

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SSL:: show_csr

SSL:: show_key

SSL:: start_autossl_
_check

SSL:: toggle_ssl_r
edirects_for_doma
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WordPressInstanceManager:: get_in

stance_by_id

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WordPressInstanceManager::get_latest_wordpress_version_from_wordpress_org

WordPressInstanceManager::get_scan_results

WordPressInstanceManager::is_installable_addon_available

WordPressInstanceManager::start_scan

▼ WordPressRestore

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WordPressRestore::cleanup

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