

# UAPI Functions - Notifications::get\_notifications\_count

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## Description

This function returns the number of server-wide notifications on an account.

## Examples

### ▼ cPanel or Webmail Session URL

```
https://hostname.example.com:2083/cpsess#####/execute/Notifications/get_notifications_count
```

**Note:**  
This example calls the UAPI function via a cPanel session. For more information, read our Guide to UAPI documentation.

### ▼ LiveAPI PHP Class

```
$cpanel = new CPANEL(); // Connect to cPanel - only do this once.  
  
// Get the number of notifications.  
$get_notifications_count = $cpanel->uapi('Notifications', 'get_notifications_count');
```

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

## Function information

## About this module

The Notifications module manages server-wide notifications.

## About UAPI

UAPI accesses and modifies data for cPanel accounts.

Branding:: image  
Branding:: include  
Branding:: spritelist

▼ CacheBuster

CacheBuster:: read  
CacheBuster:: update

▼ Chkserverd

Chkserverd:: get\_external\_ports  
Chkserverd:: get\_external\_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 Perl Module

```
my $cpliveapi =  
Cpanel::LiveAPI->new(  
); # Connect to  
cPanel - only do this  
once.  
  
# Get the number of  
notifications.  
my  
$get_notifications_count =  
$cpliveapi->uapi(  
    'Notifications',  
    'get_notifications_count'  
);
```

**Note:**

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

▼ cPanel Template Toolkit

```
<!-- Get the number  
of notifications. -->  
[% data = execute(  
    'Notifications',  
    'get_notifications_count' ); %]
```

**Note:**

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

**Notes:**

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**Note:**  
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docum

- 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

## Command Line

```
uapi --user=username
Notifications
get_notifications_count
```

**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
```

## Output (JSON)

```
{
  "messages": null,
  "errors": null,
  "status": 1,
  "metadata": {
  },
  "data": 3
}
```

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

## Parameters

This function does not accept parameters.

## System disk space usage warnings

This setting allows you to enable disk space usage warnings.

This setting defaults to `On`.

After you enable disk space usage warnings, the following additional settings become available:

Email:: browse\_mailbox

Email:: change\_mx

Email:: check\_fastmail

Email:: check\_pipe\_forwarder

Email:: delete\_auto\_responder

Email:: delete\_dominant\_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

## Returns

Return	Type	Description	Possible values	Example
data	<i>integer</i>	The number of server-wide notifications.	A positive integer.	3

Account system disk usage "warn" percentage

This setting allows you to specify the threshold at which a system's disk usage enters the *warn* state, or to disable this notification.

This setting defaults to 82.55%.

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

Account system disk usage “critical” percentage

This setting allows you to specify the threshold at which a system's disk usage enters the *critical* state, or to disable this notification.

This setting defaults to 92.55%.

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

Disallow unsafe usage warnings

This setting allows you to enable disk quota usage warnings. The system sends these warnings to cPanel users who approach their disk space quota.

This setting defaults to *On*.

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  
ash

Fileman:: get\_file\_  
content

Fileman:: get\_file\_i  
nformation

Fileman:: list\_files

Fileman:: save\_file\_  
\_content

Fileman:: transcod  
e

Fileman:: upload\_fi  
les

After you enable disk space usage warnings, the disk quota usage settings become available.

Out of memory warnings

- 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

This setting allows you to enable or disable out of memory warnings. The system sends these warnings to cPanel users whose accounts no longer possess memory space. This setting defaults to *On*.

Account disk quota "warn" percentage



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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

This setting allows you to specify the threshold at which a user's disk quota usage enters the *warn* state, or to disable this notification.

This setting defaults to 80%.

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

Notify administrator when disk quota reaches warning state

This setting allows you to specify whether the server sends a notification to the owner of the cPanel account when it reaches the warning state.

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

This setting defaults to *Off*.

Account disk quota "critical" percentage

This setting allows you to specify the threshold at which a user's disk quota usage enters the *critical* state, or to disable this notification.

- PassengerApps:: disable\_application
  - PassengerApps:: edit\_application
  - PassengerApps:: enable\_application
  - PassengerApps:: ensure\_deps
  - PassengerApps:: list\_applications
  - PassengerApps:: register\_application
  - PassengerApps:: unregister\_application
- PasswdStrength:: get\_required\_strength
- Personalization::set
  - Personalization::get
- 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:: send\_test\_message
- Quota:: get\_quota\_info

This setting defaults to 90%.

Notify administrator when disk quota reaches "critical" state

- Resellers:: list\_accounts
- ResourceUsage:: get\_usages
- Restore:: directory\_listing
  - Restore:: get\_users
  - Restore:: query\_file\_info
  - Restore:: restore\_file
- Session:: create\_temp\_user
- SiteTemplates:: list\_site\_templates
  - SiteTemplates:: list\_user\_settings
  - SiteTemplates:: publish
- SpamAssassin :: clear\_spam\_box
  - SpamAssassin:: get\_symbolic\_test\_names
  - SpamAssassin:: get\_user\_preferences
  - SpamAssassin:: update\_user\_preference
- SSH:: get\_port
- 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

This setting allows you to specify whether the server sends a notification to the owner of the cPanel account when it reaches the *critical* state.

This setting defaults to *On*.

Account disk quota "full" percentage tag

SSL:: enable\_mail\_sni  
SSL:: fetch\_best\_for\_domain  
SSL:: fetch\_cert\_info  
SSL:: fetch\_certificates\_for\_fqdns  
SSL:: fetch\_key\_and\_cabundle\_for\_certificate  
SSL:: find\_certificates\_for\_key  
SSL:: find\_csrs\_for\_key  
SSL:: generate\_certificate  
SSL:: generate\_csr  
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

This setting allows you to specify the threshold at which a user's disk quota usage enters the *full* state, or to disable this notification.

This setting defaults to 98%.

**Notify administrator when disk quota reaches "full" state**

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

This setting allows you to specify whether the server sends a notification to the owner of the cPanel account when it reaches the *full* state.

This setting defaults to *On*.

Enable mailbox usage warnings

- TwoFactorAuth: generate\_user\_configuration
  - TwoFactorAuth: get\_user\_configuration
  - TwoFactorAuth: remove\_user\_configuration
  - TwoFactorAuth: set\_user\_configuration

- 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: delete
  - UserTasks: retrieve

- VersionControl: create
  - VersionControl: delete
  - VersionControl: retrieve
  - VersionControl: update

- VersionControlDeployment: create

This setting allows you to enable mailbox usage warnings. The system sends these warnings to cPanel user's whose mailboxes are almost full. This setting defaults to *Off*. After you enable mailbox usage warnings, the following additional settings become available:



VersionControlDeployment:: delete

VersionControlDeployment:: retrieve

WebDisk

WebDisk:: delete\_user

WebDisk:: set\_home\_dir

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

WordPressInstanceManager

WordPressInstanceManager:: cancel\_scan

WordPressInstanceManager:: cleanup\_scan

WordPressInstanceManager:: change\_admin\_password

WordPressInstanceManager:: configure\_autoupdate

WordPressInstanceManager:: get\_api\_version

WordPressInstanceManager:: get\_in

Mailbox disk quota “warn” percentage

This setting allows you to specify the threshold at which a user's mailbox enters the *warn* state.

This setting defaults to 80%.

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

Mailbox disk quota “critical” percentage

This setting allows you to specify the threshold at which a user's mailbox enters the *critical* state.

This setting defaults to 90%.

**Mailbox disk quota “full” percentage**

This setting allows you to specify the threshold at which a user's mailbox enters the *full* state.

This setting defaults to 98%.

**Bandwidth limit check**

This setting allows you to select whether to automatically suspend HTTP service for accounts that exceed their bandwidth limit. If you disable this option, the system will cease all bandwidth notifications **and** handle all accounts as though they possess unlimited bandwidth.

This setting defaults to *Off*.

**Send notifications when certificates are approaching expiry.**

This setting allows you to specify whether the server sends a notification when an SSL certificate approaches expiry.

This setting defaults to *On*.

**Send bandwidth limit notification emails**

This setting allows you to specify whether the server sends notification emails to accounts that approach their bandwidth limits.

This setting defaults to *Off*.

After you enable this option, the following additional settings become available:

**Bandwidth usage warning: 70%**

This setting allows you to specify whether to send an email notification to users who have used 70% of their bandwidth.

This setting defaults to *Off*.

**Bandwidth usage warning:**  
**75%**

This setting allows you to specify whether to send an email notification to users who have used 75% of their bandwidth.

This setting defaults to *Off*.



**Bandwidth usage warning: 80%**

This setting allows you to specify whether to send an email notification to users who have used 80% of their bandwidth.

This setting defaults to *On*.

**Bandwidth usage warning: 85%**

This setting allows you to specify whether to send an email notification to users who have used 85% of their bandwidth.

This setting defaults to *Off*.

**Bandwidth usage warning: 90%**

This setting allows you to specify whether to send an email notification to users who have used 90% of their bandwidth.

This setting defaults to *Off*.

**Bandwidth usage warning: 95%**

This setting allows you to specify whether to send an email notification to users who have used 95% of their bandwidth.

This setting defaults to *Off*.

**Bandwidth usage warning: 97%**

This setting allows you to specify whether to send an email notification to users who have used 97% of their bandwidth.

This setting defaults to *Off*.

**Bandwidth usage warning: 98%**

This setting allows you to specify whether to send an email notification to users who have used 98% of their bandwidth.

This setting defaults to *Off*.

**Bandwidth usage warning: 99%**

This setting allows you to specify whether to send an email notification to users who have used 99% of their bandwidth.

This setting defaults to *Off*.

- [Address Book](#)