

# UAPI Functions - PostgreSQL::get\_restrictions

## Guide to UAPI

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

Backup  
Backup::  
fullbacku

p\_to\_ftp

Backup:: fullbacku  
p\_to\_homedir

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

Backup:: fullbacku  
p\_to\_scp\_with\_pa  
ssword

Backup:: list\_back  
ups

### Bandwidth

Bandwidth:: get\_e  
nabled\_protocols

Bandwidth:: get\_re  
tention\_periods

Bandwidth:: query

### Batch

Batch:: strict

### Brand

Brand:: read

### Branding

Branding:: file

Branding:: get\_app  
lications

Branding:: get\_app  
lication\_informatio  
n

Branding:: get\_ava  
ilable\_applications

Branding:: get\_info  
rmation\_for\_applic  
ations

## Description

This function retrieves the PostgreSQL® user and database name length restrictions.

### Important:

In cPanel & WHM version 76 and later, when you disable the `Postgres` role, the system **disables** this function. For more information, read our [How to Use Server Profiles](#) documentation.

## Examples

### ▼ cPanel or Webmail Session URL

```
https://hostname.exam  
ple.com:2083/cpsess##  
▼ #####/execute/Post  
gresql/get_restrictio  
ns
```

### 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.
```

```
// Retrieve the  
PostgreSQL user and  
database name length  
restrictions.  
$get_restrictions =  
$cpanel->uapi(  
    'Postgresql',  
    'get_restrictions'  
);
```

### Note:

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

## Func tion infor mati on

## About this mod ule

The `Postgresql` module manages PostgreSQL database users.

## About the 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

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.  
  
# Retrieve the  
PostgreSQL user and  
database name length  
restrictions.  
my $get_restrictions  
= $cpliveapi->uapi(  
    'Postgresql',  
    'get_restrictions',  
);
```

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

### cPanel Template Toolkit

```
<!-- Retrieve the  
PostgreSQL user and  
database name length  
restrictions. -->  
[% data = execute(  
    'Postgresql',  
    'get_restrictions') ;  
%]  
[% FOREACH q = data  
%]  
    <p>  
        [% q %]  
    </p>  
[% END %]
```

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

#### Notes:

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## Find a function

PostgreSQL module manages PostgreSQL® databases and users.

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  
Postgresql  
get_restrictions
```

#### 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": {  
  
    "max_database_name_length": 63,  
  
    "max_username_length": 63,  
    "prefix":  
    "example_"  
  }  
}
```

- UAPI Functions - PostgreSQL: create\_database — This function creates a PostgreSQL database.
- UAPI Functions - PostgreSQL: create\_user — This function creates a PostgreSQL user.
- UAPI Functions - PostgreSQL: delete\_database — This function deletes a PostgreSQL database.

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\_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\_otp

Email:: get\_auto\_responder

Email:: get\_chase

**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.

## Returns

Return	Type	Description	Possible values	Example
prefix	string	If database prefixing is enabled, this return outputs the database prefix.	A valid string up to eight characters and an underscore ( _).	example_
max_database_name_length	integer	The maximum length of a database name.	A positive integer.	63
max_username_length	integer	The maximum length of a database username.	A positive integer.	63

- UAPI Functions - PostgreSQL: get\_restrictions — This function retrieves the PostgreSQL® user and database name length restrictions.

ts

Email:: get\_client\_  
settings

Email:: get\_default\_  
\_email\_quota

Email:: get\_default\_  
\_email\_quota\_mib

Email:: get\_disk\_u  
sage

Email:: get\_filter

Email:: get\_held\_  
message\_count

Email:: get\_mailbo  
x\_autocreate

Email:: get\_mailm  
an\_delegates

Email:: get\_main\_  
account\_disk\_usa  
ge

Email:: get\_main\_  
account\_disk\_usa  
ge\_bytes

Email:: get\_max\_e  
mail\_quota

Email:: get\_max\_e  
mail\_quota\_mib

Email:: get\_pop\_q  
uota

Email:: get\_spam\_  
settings

Email:: get\_webm  
ail\_settings

Email:: has\_deleg  
ated\_mailman\_list  
s

Email:: has\_plainte  
xt\_authentication

Email:: hold\_outgo  
ing

Email:: is\_integer

Email:: list\_auto\_r  
esponders

Email:: list\_default\_  
\_address

Email:: list\_domain\_  
\_forwarders

Email:: list\_filters

Email:: list\_filters\_  
backups

Email:: list\_forward  
ers

Email:: list\_forward

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\_authn\_lin  
ks

ExternalAuthentic  
ation:: has\_external  
\_auth\_modules\_co  
nfigured

ExternalAuthentic  
ation:: remove\_auth  
n\_link

Features

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\_versions

LangPHP:: php\_get

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

▼ LastLogin

LastLogin:: get\_las  
t\_or\_current\_logge  
d\_in\_ip

▼ Locale

Locale:: get\_attri  
butes

▼ Mailboxes

Mailboxes:: expun  
ge\_mailbox\_mess  
ages

Mailboxes:: expun  
ge\_messages\_for  
\_mailbox\_guid

Mailboxes:: get\_m  
ailbox\_status

Mailboxes:: has\_ut  
f8\_mailbox\_names

Mailboxes:: set\_utf  
8\_mailbox\_names

▼ Market

Market:: cancel\_pe  
nding\_ssl\_certifica  
te

Market:: create\_sh  
opping\_cart

Market:: get\_all\_pr  
oducts

Market:: get\_certifi  
cate\_status\_detail  
s

Market:: get\_login  
\_url

Market:: get\_pendi  
ng\_ssl\_certificates

Market:: get\_provi

der\_specific\_dcv\_  
constraints

Market:: get\_provi  
ders\_list

Market:: get\_ssl\_c  
ertificate\_if\_availa  
ble

Market:: process\_s  
sl\_pending\_queue

Market:: request\_s  
sl\_certificates

Market:: set\_status  
\_of\_pending\_queu  
e\_items

Market:: set\_url\_af  
ter\_checkout

Market:: validate\_l  
ogin\_token

▼ Mime

Mime:: add\_handl  
er

Mime:: add\_hotlink

Mime:: add\_mime

Mime:: add\_redire  
ct

Mime:: delete\_han  
dler

Mime:: delete\_hotli  
nk

Mime:: delete\_mim  
e

Mime:: delete\_redi  
rect

Mime:: list\_handler  
s

Mime:: list\_hotlinks

Mime:: list\_mime

Mime:: list\_redirect  
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:: add\_host\_note

Mysql :: check\_database

Mysql:: create\_database

Mysql:: create\_user

Mysql:: delete\_database

Mysql:: delete\_host

Mysql:: delete\_user

Mysql:: get\_host\_notes

Mysql:: get\_privileges\_on\_database

Mysql:: get\_restrictions

Mysql:: get\_server\_information

Mysql:: locate\_server

Mysql:: rename\_database

Mysql:: rename\_user

Mysql:: repair\_database

Mysql:: revoke\_access\_to\_database

Mysql:: set\_password

Mysql:: set\_privileges\_on\_database

▼ Notifications

Notifications:: get\_notifications\_count

▼ NVData

NVData:: get

NVData:: set

▼ Parser

Parser:: firstfile\_relative\_uri

▼ PassengerApps

PassengerApps:: d  
isable\_application

PassengerApps:: e  
dit\_application

PassengerApps:: e  
nable\_application

PassengerApps:: li  
st\_applications

PassengerApps:: r  
egister\_application

PassengerApps:: u  
nregister\_applicati  
on

▼ PasswdStrength

PasswdStrength::  
get\_required\_stren  
gth

▼ Personalization

Personalization::se  
t

Personalization ::g  
et

▼ Postgresql

Postgresql:: create  
\_database

Postgresql:: create  
\_user

Postgresql:: delete  
\_database

Postgresql:: get\_re  
strictions

Postgresql:: grant\_  
all\_privileges

Postgresql:: renam  
e\_database

Postgresql:: renam  
e\_user

Postgresql:: renam  
e\_user\_no\_passw  
ord

Postgresql:: revok  
e\_all\_privileges

Postgresql:: set\_p  
assword

▼ Pushbullet

Pushbullet:: send\_  
test\_message

▼ Quota

Quota:: get\_quota  
\_info

▼ Resellers

Resellers:: list\_acc  
ounts

- ▼ 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:: 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\_for\_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\_autoss\_  
excluded\_domains

SSL:: get\_autoss\_  
pending\_queue

SSL:: get\_autoss\_  
problems

SSL:: get\_cabundl  
e

SSL:: get\_cn\_nam  
e

SSL:: install\_ssl

SSL:: installed\_ho  
st

SSL:: installed\_ho  
sts

SSL:: is\_autoss\_  
check\_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  
oss\_excluded\_do  
mains

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

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

▼ SubDomain

SubDomain:: addsubdomain

▼ 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\_conflict

ts

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\_home\_dir

WebDisk:: set\_password

WebDisk:: set\_permissions

▼ WebmailApps

WebmailApps:: list  
webmailapps

▼ WebVhosts

WebVhost:: list\_do  
mains

WebVhost:: list\_ssl  
\_capable\_domains

▼ WordPressBackup

WordPressBackup  
:: any\_running

WordPressBackup  
:: cancel

WordPressBackup  
:: cleanup

WordPressBackup  
:: get\_available\_ba  
ckups

WordPressBackup  
:: is\_running

WordPressBackup  
:: start

▼ WordPressInstance

Manager

WordPressInstanc  
eManager:: cancel  
\_scan

WordPressInstanc  
eManager:: cleanu  
p\_scan

WordPressInstanc  
eManager:: chang  
e\_admin\_passwor  
d

WordPressInstanc  
eManager:: config  
ure\_autoupdate

WordPressInstanc  
eManager:: get\_ap  
i\_version

WordPressInstanc  
eManager:: get\_in  
stance\_by\_id

WordPressInstanc  
eManager:: get\_in  
stances

WordPressInstanc  
eManager:: get\_lat  
est\_wordpress\_ver  
sion\_from\_wordpr  
ess\_org

WordPressInstanc  
eManager:: get\_sc  
an\_results

WordPressInstanc  
eManager:: is\_inst  
allable\_addon\_ava  
ilable

WordPressInstanceManager:: **start\_scan**

▼ **WordPressRestore**

WordPressRestore  
:: **any\_running**

WordPressRestore  
:: **cleanup**

WordPressRestore  
:: **start**