

UAPI Functions - Mysql::rename_database

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_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

Description

This function renames a MySQL® database.

Warning:

It is potentially dangerous to rename a MySQL database. We **strongly** recommend that you perform a backup of the database before you attempt to rename it.

MySQL does **not** allow you to rename a database. When cPanel & WHM "renames" a database, the system performs the following steps:

1. The system creates a new database.
2. The system moves data from the old database to the new database.
3. The system recreates grants and stored code in the new database.
4. The system deletes the old database and its grants.

Warning:

- If **any** of the first three steps fail, the system returns an error and attempts to restore the database's original state. If the restoration process fails, the API function's error response describes these additional failures.
- In rare cases, the system creates the second database successfully, but fails to delete the old database or grants. The system treats the rename action as a success; however, the API function returns warnings that describe the failure to delete the old database or grants.

Important:

In cPanel & WHM version 76 and later, when you disable the MySQL 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.example.com:2083/cpsess#####/execute/MySQL/rename_database?oldname=mydb&newname=newlyrenamed
```

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 MySQL module manages MySQL users, databases, and services.

About UAPI

UAPI accesses and modifies data for cPanel accounts.

- 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

```

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

// Rename the mydb
database.
$rename_db =
$cpanel->uapi(
    'Mysql',
    'rename_database',
    array(
        'oldname'
=> 'mydb',
        'newname'
=> 'newlyrenamed',
    )
);

```

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

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Find a function

MySQL module manages MySQL® users, databases, and services.

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.
```

```
# Rename the mydb  
database.  
my $rename_db =  
$cpliveapi->uapi(  
  'Mysql',  
  'rename_database',  
  {  
    'oldname'  
=> 'mydb',  
    'newname'  
=> 'newlyrenamed',  
  }  
);
```

Note:

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

▼ cPanel Template Toolkit

```
<!-- Rename the  
database. -->  
[% execute('Mysql',  
'rename_database', {  
  oldname => 'mydb',  
  newname =>  
'newlyrenamed' } ) %]
```

Note:

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

- UAPI Modules - PostgreSQL - The PostgreSQL module manages PostgreSQL databases and users.
- UAPI Functions - PostgreSQL::create_database - This function creates a PostgreSQL database.
- UAPI Functions - PostgreSQL::create_user - This function creates a PostgreSQL database user.

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_otp

Email: get_auto_responder

Email: get_chase

Command Line

```
uapi --user=username
Mysql rename_database
oldname=mydb
newname=newlyrenamed
```

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": null
}
```

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

- UAPI Functions - PostgreSQL: delete database — This function deletes a PostgreSQL database.

Parameters

Parameter	Type	Description	Possible values	Example
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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

oldname	string	Required The database's current name.	A database on the cPanel account.	mydb
newname	string	Required The database's new name.	A valid database name.	newlyrenamed

Important:

- If database separator is missing enable, you must prefix this value with the account prefix

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

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n_link

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Features:: has_fea
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Features:: list_feat
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Fileman:: get_file_i
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Fileman:: list_files

Fileman:: save_file_
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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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 • The maximum length of the database name is 64 characters. However, due to the method that cpan

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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

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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

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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
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Mysql:: delete_dat
abase

Mysql:: delete_hos
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Mysql:: delete_use
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Mysql:: get_host_n
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Mysql:: get_privile
ges_on_database

Mysql:: get_restrict
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Mysql:: get_server
_information

Mysql:: locate_ser
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Mysql:: rename_d
atabase

Mysql:: rename_us
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Mysql:: repair_dat
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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

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- 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

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- 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`

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Returns

This function only returns metadata.

SSL:: enable_mail
_sni

SSL:: fetch_best_f
or_domain

SSL:: fetch_cert_in
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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
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SSL:: generate_ke
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SSL:: get_autossl_
excluded_domains

SSL:: get_autossl_
pending_queue

SSL:: get_autossl_
problems

SSL:: get_cabundl
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SSL:: get_cn_nam
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SSL:: install_ssl

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SSL:: is_autossl_c
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SSL:: is_mail_sni_
supported

SSL:: is_sni_supp
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SSL:: list_certs

SSL:: list_csrs

SSL:: list_keys

SSL:: list_ssl_item
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SSL:: mail_sni_sta
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SSL:: rebuild_mail
_sni_config

SSL:: rebuildssldb

SSL:: remove_aut
ossl_excluded_do
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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