

WHM API 1 Functions - start_background_mysql_upgrade

Guide to WHM API 1

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Description

This function upgrades MySQL® or MariaDB® in the background.

Function information

API Version:
[WHM API 1](#)
Available in:
cPanel 11.48+
Methods:
GET, POST
Required Parameters:
version
Return Formats:
JSON, XML

Important:

cPanel & WHM version 66 **deprecated** XML output.

About WHM API 1

WHM API 1 performs functions and accesses data in WHM.

Notes:

[restore_modules_summary](#)
[restore_queue_activate](#)
[restore_queue_add_task](#)
[restore_queue_clear_all_completed_tasks](#)
[restore_queue_clear_all_failed_tasks](#)
[restore_queue_clear_all_pending_tasks](#)
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[restore_queue_is_active](#)
[restore_queue_list_active](#)
[restore_queue_list_completed](#)
[restore_queue_list_pending](#)
[restore_queue_state](#)
[restoreaccount](#)
[verify_new_username_for_restore](#)
[convert_addon_fetch_conversion_details](#)
[convert_addon_fetch_domain_details](#)
[convert_addon_get_conversion_status](#)
[convert_addon_initiate_conversion](#)
[convert_addon_list_addon_domains](#)
[convert_addon_list_conversions](#)

Examples

```
https://hostname.example.com:2087/cpsess#####/json-api/start_background_mysql_upgrade?api.version=1&version=10.0
```

```
https://hostname.example.com:2087/cpsess#####/xml-api/start_background_mysql_upgrade?api.version=1&version=10.0
```

```
whmapil start_background_mysql_upgrade version=10.0
```



Notes:

- You **must** [URI-encode](#) values.
- For more information and additional output options, read our [Guide to WHM API 1](#) documentation or run the `whmapil --help` command.
- We introduced this functionality in cPanel & WHM version 11.52.0.8.

```
{
  "data": {
    "upgrade_id": "mysql_upgrade.20141108-172923"
  },
  "metadata": {
    "version": 1,
    "reason": "OK",
    "result": "1",
    "command": "start_background_mysql_upgrade"
  }
}
```

```
<result>
  <data>
    <upgrade_id>mysql_upgrade.20141108-172923<
  /upgrade_id>
  </data>
  <metadata>
    <version>1</version>
    <reason>OK</reason>
    <result>1</result>
    <command>start_background_mysql_upgrade</command>
  </metadata>
</result>
```



Note:

Use WHM's [API Shell](#) interface (*WHM >> Home >> Development >> API Shell*) to directly test WHM API calls.

• Some functions are deprecated or may require that the caller authenticate.

[api_token_create](#)

[api_token_list](#)

[api_token_revoke](#)

[api_token_update](#)

[disable_authentication_provider](#)

[disable_failing_authentication_providers](#)

[enable_authentication_provider](#)

[link_user_authn_provider](#)

[get_available_authentication_providers](#)

[get_login_url](#)

[get_provider_client_configurations](#)

[get_provider_configuration_fields](#)

[get_provider_display_configurations](#)

[get_users_authn_linked_accounts](#)

[set_provider_client_configurations](#)

[set_provider_display_configurations](#)

[twofactorauth_disable_policy](#)

[twofactorauth_enable_policy](#)

[twofactorauth_generate_tfa_config](#)

[twofactorauth_get_issuer](#)

[twofactorauth_get_user_configs](#)

[twofactorauth_policy_status](#)

Parameters

Return	Type	Description	Possible values	Example
version	string	Required The desired MySQL or MariaDB version.	A valid version number.	10.0

Returns

Return	Type	Description	Possible values	Example
upgrade_id	string	The upgrade log's location.	A valid file path, relative to the <code>/var/cpanel/logs/</code> directory.	mysql_upgrade. 20141108-172923

• You must use the appropriate WHM ports (2086 or 2087) to call WHM API functions.

Find a function

Related functions

twofactorauth
_remove_use
r_config

twofactorauth
_set_issuer

twofactorauth
_set_tfa_conf
ig

unlink_user_
authn_provid
er

validate_logi
n_token

backup_conf
g_get

backup_conf
g_set

backup_date
_list

backup_desti
nation_add

backup_desti
nation_delete

backup_desti
nation_get

backup_desti
nation_list

backup_desti
nation_set

backup_desti
nation_valida
te

backup_set_l
ist

backup_skip
_users_all

backup_skip
_users_all_st
atus

backup_user
_list

convert_and_
migrate_from
_legacy_conf
ig

list_cparchive
_files

start_backgro
und_pkgacct

toggle_user_
backup_state

cphulk_status

create_cphul
k_record

delete_cphul
k_record

- [WHM API 1 Sections - Databases](#) — Database functions allow you to manage your MySQL® and PostgreSQL® database settings.
- [WHM API 1 Functions - background_mysql_upgrade_status](#) — This function retrieves the status of a background MySQL® or MariaDB® upgrade.
- [WHM API 1 Functions - current_mysql_version](#) — This function retrieves the server's version of MySQL® or MariaDB®.
- [WHM API 1 Functions - installable_mysql_versions](#) — This function lists all available versions of MySQL® and MariaDB.
- [WHM API 1 Functions - latest_available_mysql_version](#) — This function retrieves the latest available version of MySQL® or MariaDB®.

disable_cphulk
enable_cphulk
flush_cphulk_login_history
flush_cphulk_login_history_for_ips
get_cphulk_brutes
get_cphulk_excessive_brutes
get_cphulk_failed_logins
load_cphulk_config
read_cphulk_records
save_cphulk_config
background_mysql_upgrade_status
current_mysql_version
installable_mysql_versions
latest_available_mysql_version
list_database_users
list_databases
list_mysql_databases_and_users
remote_mysql_create_profile
remote_mysql_create_profile_via_ssh
remote_mysql_delete_profile
remote_mysql_initiate_profile_activation
remote_mysql_monitor_profile_activation
remote_mysql_read_profile

remote_mysql
l_read_profiles

remote_mysql
l_update_profile

remote_mysql
l_validate_profile

rename_mysql
ql_database

rename_mysql
ql_user

rename_postgresql
database

rename_postgresql
user

set_local_mysql
root_password

set_mysql_password

set_postgresql
password

start_background_mysql
upgrade

adddns

addzonerecord

addzonerecord (Reverse
DNS)

dumpzone

editzonerecord

get_nameserver_config

getzonerecord

killdns

listmxs

listzones

lookupnsip

lookupnsips

removezonerecord

resetzone

resolvedomainname

savemxs

setresolvers

ea4_get_currently_installed_packages

ea4_get_ea_pkgs_state

ea4_list_profiles

ea4_pre_migrate_check

ea4_recommendations

ea4_save_profile

cpgreylist_is_server_netblock_trusted

cpgreylist_list_entries_for_common_mail_provider

cpgreylist_load_common_mail_providers_config

cpgreylist_save_common_mail_providers_config

cpgreylist_status

cpgreylist_trusted_entries_for_common_mail_provider

cpgreylist_untrust_entries_for_common_mail_provider

create_cpgreylist_trusted_host

delete_cpgreylist_trusted_host

disable_cpgreylist

enable_cpgreylist

load_cpgreylist_config

read_cpgreylist_deferred_entries

read_cpgreylist_trusted_hosts

save_cpgreylist_config

batch
cpanel
create_integration_group
create_integration_link
get_integration_link_user_config
list_integration_groups
list_integration_links
remove_integration_group
remove_integration_link
update_integration_link_token
addips
delip
get_public_ip
get_shared_ip
ipv6_disable_account
ipv6_enable_account
ipv6_range_add
ipv6_range_edit
ipv6_range_list
ipv6_range_remove
ipv6_range_usage
listips
nat_checkip
nat_set_public_ip
setsiteip
disable_mail_sni
emailtrack_search
emailtrack_stats
emailtrack_user_stats

enable_mail_
sni

exim_configu
ration_check

expunge_mai
lbox_messag
es

expunge_me
ssages_for_
mailbox_guid

fetch_mail_q
ueue

generate_mo
bileconfig

get_mailbox_
status

get_mailbox_
status_list

get_user_em
ail_forward_d
estination

hold_outgoin
g_email

is_sni_suppo
rted

list_pops_for

mail_sni_stat
us

rebuild_mail_
sni_config

release_outg
oing_email

save_spamd_
_config

set_user_em
ail_forward_d
estination

suspend_out
going_email

unsuspend_o
utgoing_email

validate_curr
ent_installed
_exim_config

validate_exi
m_configurati
on_syntax

disable_mark
et_provider

enable_mark
et_provider

get_adjusted
_market_pro
viders_produ
cts

get_market_
providers_co
mmission_co
nfig

get_market_
providers_list

get_market_
providers_pr
oduct_metad
ata

get_market_
providers_pr
oducts

set_market_p
roduct_attri
bute

set_market_p
rovider_com
mission_id

modsec_add
_rule

modsec_add
_vendor

modsec_batc
h_settings

modsec_clon
e_rule

modsec_depl
oy_all_rule_c
hanges

modsec_depl
oy_rule_chan
ges

modsec_depl
oy_settings_
changes

modsec_disc
ard_rule_cha
nges

modsec_disa
ble_rule

modsec_disa
ble_vendor

modsec_disa
ble_vendor_c
onfigs

modsec_disa
ble_vendor_u
pdates

modsec_disc
ard_all_rule_
changes

modsec_edit
_rule

modsec_ena
ble_vendor

modsec_enable_vendor_configs

modsec_enable_vendor_updates

modsec_get_config_text

modsec_get_configs

modsec_get_configs_with_changes_pending

modsec_get_log

modsec_get_rules

modsec_get_settings

modsec_get_vendors

modsec_is_installed

modsec_make_config_active

modsec_make_config_inactive

modsec_preview_vendor

modsec_remove_rule

modsec_remove_setting

modsec_remove_vendor

modsec_report_rule

modsec_set_config_text

modsec_set_setting

modsec_undisable_rule

modsec_update_vendor

_getpkgextensionform

add_override_features_for_user

addpkg

addpkgext

changepackage
create_featurelist
delete_featurelist
delpkgext
editpkg
get_available_featurelists
get_feature_metadata
get_feature_names
get_featurelist_data
get_users_features_settings
getfeaturelist
getpkginfo
killpkg
listpkgs
manage_features
matchpkgs
package_manager_fixcache
package_manager_get_package_info
package_manager_resolve_actions
read_featurelist
remove_override_features_for_user
update_featurelist
verify_user_has_feature
php_get_handlers
php_get_affected_domains
php_get_installed_versions
php_get_system_default_version

php_get_vho
sts_by_versi
on

php_get_vho
st_versions

php_ini_get_
content

php_ini_get_
directives

php_ini_set_
content

php_ini_set_
directives

php_set_han
dler

php_set_syst
em_default_v
ersion

php_set_vho
st_versions

php_set_old_
fpm_flag

php_get_old_
fpm_flag

get_fpm_cou
nt_and_utiliz
ation

php_get_def
ault_account
s_to_fpm

php_set_defa
ult_accounts
_to_fpm

convert_all_d
omains_to_fpm

get_public_c
ontact

set_public_c
ontact

acctcounts

getresellerips

listacIs

listresellers

resellerstats

saveacllist

setacIs

setresellerips

setresellerlim
its

setresellerma
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meservers

setresellerpa
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setupreseller

suspendresel
ler

terminateres
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unsetupresell
er

unsuspendre
seller

delete_hook

edit_hook

list_hooks

reorder_hooks

accessshash

authorizessh
key

check_remot
e_ssh_conne
ction

convertopens
shtoputty

deletesshkey

generatesshk
eypair

importsshkey

listsshkeys

add_configcl
usterserver

configurebac
kgroundproc
esskiller

configureserv
ice

cors_proxy_g
et

create_user_
session

delete_config
clusterserver

delete_rpm_v
ersion

edit_rpm_ver
sion

enable_monit
or_all_enable
d_services

get_appconfi
g_application
_list

get_applicati
on_contact_e
vent_importa
nce

get_applicati
on_contact_i
mportance

get_all_conta
ct_importanc
es

get_passwor
d_strength

get_remote_
access_hash

get_rpm_ver
sion_data

get_service_
config

get_service_
config_key

get_update_
availability

get_tweakset
ting

get_users_lin
ks

getdiskusage

gethostname

install_rpm_p
lugin

list_configclu
sterservers

list_rpms

loadavg

nvget

nvset

purchase_a_l
icense

reboot

remove_in_p
rogress_exim
_config_edit

restartservice

run_cpkeyclt

send_test_po
sturl

send_test_pu
shbullet_note

servicestatus

set_applicati
on_contact_e
vent_importa
nce

set_applicati
on_contact_i
mportance

set_primary_
servername

set_service_
config_key

set_tweakset
ting

sethostname

setminimump
asswordstren
gths

systemloada
vg

system_need
s_reboot

uninstall_rpm
_plugin

update_conf
gclusterserver

verify_aim_a
ccess

verify_icq_ac
cess

verify_oscar_
access

verify_posturl
_access

verify_pushb
ullet_access

disable_auto
ssl

fetch_service
_ssl_compon
ents

fetch_ssl_cer
tificates_for_f
qdns

fetch_ssl_vh
osts

fetch_vhost_
ssl_compone
nts

fetchcrtinfo

fetchsslinfo

generatessl

get_autossl_
check_sched
ule

get_autossl_log

get_autossl_logs_catalog

get_autossl_pending_queue

get_autossl_pending_queue_for_domain

get_autossl_pending_queue_for_user

get_autossl_problems_for_domain

get_autossl_problems_for_user

get_autossl_providers

get_best_ssl_domain_for_service

install_service_ssl_certificate

installssl

listcrts

rebuildinstall_edssldb

rebuilduserssldb

reset_autossl_provider

reset_service_ssl_certificate

set_autossl_metadata

set_autossl_provider

start_autossl_check_for_all_users

start_autossl_check_for_one_user

list_styles

load_style

remove_logo

remove_style

save_style

set_default

ticket_create
_stub_ticket

ticket_get_s
upport_agree
ment

ticket_grant

ticket_list

ticket_remov
e_closed

ticket_revoke

ticket_ssh_te
st

ticket_ssh_te
st_start

ticket_update
_service_agr
eement_appr
oval

ticket_validat
e_oauth2_co
de

ticket_whiteli
st_check

ticket_whiteli
st_setup

ticket_whiteli
st_unsetup

abort_transfe
r_session

analyze_tran
sfer_session
_remote

available_tra
nsfer_modules

create_remot
e_root_transf
er_session

create_remot
e_user_trans
fer_session

enqueue_tra
nsfer_item

fetch_transfe
r_session_log

get_transfer_
session_state

pause_transf
er_session

remote_basic
_credential_c
heck

retrieve_tran
sfer_session
_remote_ana
lysis

start_transfer
_session

transfer_mod
ule_schema

validate_syst
em_user

get_available
_tiers

get_current_l
ts_expiration
_status

get_lts_wexpi
re

getlongterms
upport

installed_ver
sions

set_cpanel_u
pdates

set_tier

update_upda
teconf

version