

WHM API 1 Functions - restore_queue_state

Guide to WHM API 1

- Return Data
- Filter Output
- Sort Output
- Paginate Output
- Output Columns
- Call cPanel API 2 and UAPI

Account Restoration
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

restore_queue_clear_all_tasks

restore_queue_clear_completed_task

restore_queue_clear_pending_task

restore_queue_is_active

restore_queue_list_active

restore_queue_list_completed

Description

This function lists the tasks in the restoration queue.

Examples

JSON API

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

XML API

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

Command Line

```
whmapil  
restore_queue_state
```

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.
- If you run CloudLinux™, you **must** use the full path of the `whmapil` command:

```
/usr/local  
/cpanel/bin/whmapil
```

Output (JSON)

```
{  
  "data": {
```

Function information

About WHM API 1

WHM API 1 performs functions and accesses data in WHM.

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restore_queue_list_pending
restore_queue_state
restoreaccount
verify_new_username_for_restore

▼ Accounts

accountsummary
applist
createacct
domainuserdata
editquota
forcepasswordchange
get_domain_info
getdomainowner
has_digest_auth
has_mycnf_for_cpuser
limitbw
list_users
listaccts
listlockedaccounts
listsuspended
modifyacct
myprivs
passwd
removeacct
set_digest_auth
showbw
suspendacct
unsuspendacct
untrack_acct_id
verify_new_username

```
"pending": [
  {
    "restore_point": "2016-05-24",
    "options": {
      "subdomains": 1,
      "mysql": 1,
      "give_ip": 0,
      "mail_config": 1
    },
    "user": "user1"
  },
  {
    "options": {
      "mail_config": 1,
      "mysql": 1,
      "give_ip": 0,
      "subdomains": 1
    },
    "user": "user2",
    "restore_point": "2016-05-24"
  },
  {
    "restore_point": "2016-05-24",
    "options": {
      "give_ip": 0,
      "mysql": 1,
      "subdomains": 1,
      "mail_config": 1
    }
  }
]
```

Find a function

- WHM API 1 Functions - restore_queue_activate
— This function activates the restore queue.

▼ Addon Domains

convert_add
on_fetch_co
nversion_de
tails

convert_add
on_fetch_do
main_details

convert_add
on_get_con
version_stat
us

convert_add
on_initiate_c
onversion

convert_add
on_list_add
on_domains

convert_add
on_list_conv
ersions

▼ Authentication

api_token_c
reate

api_token_li
st

api_token_r
evoke

api_token_u
pdate

disable_aut
hentication_
provider

disable_fail
ing_authenti
cation_provi
ders

enable_auth
entication_p
rovider

get_availabl
e_authentic
ation_provid
ers

get_login_ur
l

get_provider
_client_confi
gurations

get_provider
_configurati
on_fields

get_provider
_display_co
nfigurations

get_users_a
uthn_linked

```
"user": "user3"
    }
  ],
  "completed": [
  ],
  "active": [
  ],

  "is_active": false
  },
  "metadata": {
    "result": 1,

  "command": "restore_qu  
eue_state",
    "version": 1,
```

- WHM API 1 Functions - restore_queue_add_task

This function restores a user's cPanel account from a backup file.

- WHM API 1 Functions - restore_queue_clear_all_completed_tasks

This function removes successfully completed tasks from the restoration queue.

_accounts
link_user_authn_provider
set_provider_client_configurations
set_provider_display_configurations
twofactorauth_disable_policy
twofactorauth_enable_policy
twofactorauth_generate_tfa_config
twofactorauth_get_issue_r
twofactorauth_get_user_configs
twofactorauth_policy_status
twofactorauth_remove_user_config
twofactorauth_set_issuer
twofactorauth_set_tfa_config
unlink_user_authn_provider
validate_login_token

Backups

backup_config_get
backup_config_set
backup_date_list
backup_destination_add
backup_destination_delete
backup_destination_get
backup_destination

```
    "reason": "OK"  
  }  
}
```

Output (XML)

```
<result>  
  <data>  
  
    <is_active>false</is_active>  
  
    <active></active>  
    <pending>  
  
    <restore_point>2016-05-24</restore_point>  
    <options>  
  
      <subdomains>1</subdomains>  
  
      <mysql>1</mysql>  
  
      <give_ip>0</give_ip>  
  
      <mail_config>1</mail_config>  
  
    </options>  
  
    <user>user1</user>  
    </pending>  
    <pending>  
  
    <restore_point>2016-05-24</restore_point>  
    <options>  
  
      <subdomains>1</subdomains>  
  
      <mysql>1</mysql>  
  
      <give_ip>0</give_ip>  
  
      <mail_config>1</mail_config>  
  
    </options>
```

- WHM API 1 Functions - restore_queue_clear_all_failed_tasks - This function removes any failed tasks from the restore queue.

ination_list
backup_dest
ination_set
backup_dest
ination_validate
backup_get
_transport_s
tatus
backup_list_
transported
backup_set_
list
backup_skip
_users_all
backup_skip
_users_all_s
tatus
backup_use
r_list
convert_and
_migrate_fro
m_legacy_c
onfig
get_users_w
ith_backup_
metadata
list_cparchiv
e_files
start_backgr
ound_pkgac
t
toggle_user
_backup_sta
te

▼ cPHulk

cphulk_statu
s
create_cphu
lk_record
delete_cphu
lk_record
disable_cph
ulk
enable_cph
ulk
flush_cphulk
_login_histo
ry
flush_cphulk
_login_histo
ry_for_ips
get_countrie
s_with_kno
wn_ip_rang

```
<user>user2</user>
  </pending>
  <pending>

<restore_point>2016-0
5-24</restore_point>
  <options>

<subdomains>0</subdom
ains>

<mysql>1</mysql>

<give_ip>1</give_ip>

<mail_config>1</mail_
config>

</options>

<user>user3</user>
  </pending>

<complete></complete>
  </data>
  <metadata>

<version>1</version>

<reason>OK</reason>

<result>1</result>

<command>restore_queu
```

es
 get_cphulk_brutes
 get_cphulk_excessive_brutes
 get_cphulk_failed_logins
 get_cphulk_user_brutes
 load_cphulk_config
 read_cphulk_records
 save_cphulk_config
 set_cphulk_config_key

```
e_states</command>
  </metadata>
</result>
```

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

▼ Databases

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

Parameters

This function does not accept parameters.

Returns

Return	Type	Description	Possible values	Example
is_active	string	Whether the restoration queue is actively processing a task.	<ul style="list-style-type: none"> true false 	false

<p>remote_mysql_read_profile</p> <p>remote_mysql_read_profiles</p> <p>remote_mysql_update_profile</p> <p>remote_mysql_validate_profile</p> <p>rename_mysql_database</p> <p>rename_mysql_user</p> <p>rename_postgresql_database</p> <p>rename_postgresql_user</p> <p>set_local_mysql_root_password</p>	<p>completed</p>	<p><i>array of hashes</i></p>	<p>An array of hashes of restoration queue items that the system has already processed.</p>	<p>Each hash contains the user and restore_point returns and the options hash.</p> <div data-bbox="889 300 1029 892" style="border: 1px solid black; padding: 5px;"> <p>Note : For more information about these returns, see the Queued item information table below.</p> </div>	
<p>set_mysql_password</p> <p>set_postgresql_password</p> <p>start_background_mysql_upgrade</p> <p>▼ DNS</p> <p>adddns</p> <p>addzonerecord</p> <p>addzonerecord (Reverse DNS)</p> <p>dumpzone</p> <p>editzonerecord</p> <p>get_nameserver_config</p> <p>getzonerecord</p> <p>has_local_authority</p> <p>killdns</p> <p>listmxs</p> <p>listzones</p> <p>lookupnsip</p>	<p>active</p>	<p><i>array of hashes</i></p>	<p>An array of hashes of restoration queue items that the system is actively processing.</p>	<p>Each hash contains the user and restore_point returns and the options hash.</p> <div data-bbox="889 1094 1029 1686" style="border: 1px solid black; padding: 5px;"> <p>Note : For more information about these returns, see the Queued item information table below.</p> </div>	

lookupsnips
removezone
record
resetzone
resolvedomainname
savemx
setresolvers
update_nameservers_config

▼ EasyApache

ea4_get_currently_installed_packages
ea4_get_ea_pkgs_state
ea4_list_profiles
ea4_migration
ea4_pre_migrate_check
ea4_recommendations
ea4_save_profile
ea4_tomcat85_add
ea4_tomcat85_list
ea4_tomcat85_remove

▼ Greylisting

cpgreylist_is_server_network_block_trusted
cpgreylist_list_entries_for_common_mail_providers
cpgreylist_load_common_mail_providers_config
cpgreylist_save_common_mail_providers_config
cpgreylist_status

pending	<i>array of hashes</i>	An array of hashes of restoration queue items that the system will process next.	Each hash contains the user and restore_point returns and the options hash.
---------	------------------------	--	---

Note:
For more information about these returns, see the Queued item information table below.

Queued item information

Note:
These returns may appear in the completed, active, or pending arrays of hashes.

Return	Type	Description	Possible values	Example
user	<i>string</i>	The cPanel account's username.	A valid cPanel username.	user1
options	<i>hash</i>	A hash of restoration options.	This hash includes the mysql, subdomains, mail_config, and give_ip returns.	
subdomains	<i>Boolean</i>	Whether the restoration process will restore the account's subdomains. The function returns this value in the options hash.	<ul style="list-style-type: none"> 1 — Will restore. 0 — Will not restore. 	1

cpgreylist_trust_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_host

save_cpgreylist_config

mysql	Boolean	Whether the restoration process will restore the account's MySQL® databases. The function returns this value in the options hash.	<ul style="list-style-type: none">• 1 — Will restore.• 0 — Will not restore.	1
give_ip	Boolean	Whether the restoration process will assign a dedicated IP address to the account. The function returns this value in the options hash.	<ul style="list-style-type: none">• 1 — Will assign.• 0 — Will not assign.	0
mail_config	Boolean	Whether the restoration process will restore the account's email configuration. The function returns this value in the options hash.	<ul style="list-style-type: none">• 1 — Will restore.• 0 — Will not restore.	1

Integration

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

IP Addresses

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

▼ Mail

disable_dkim

disable_mail_sni

emailtrack_search

emailtrack_stats

emailtrack_user_stats

enable_dkim

enable_mail_sni

ensure_dkim_keys_exist

exim_configuration_check

expunge_mailbox_messages

expunge_messages_for_mailbox_guid

fetch_dkim_private_keys

fetch_mail_
queue

generate_m
obileconfig

get_mailbox
_status

get_mailbox
_status_list

get_user_e
mail_forwar
d_destinatio
n

hold_outgoi
ng_email

install_dkim
_private_key
s

install_spf_r
ecords

is_sni_supp
orted

list_pops_for

mail_sni_sta
tus

rebuild_mail
_sni_config

release_out
going_email

save_spamd
_config

set_user_e
mail_forwar
d_destinatio
n

suspend_ou
tgoing_email

unsuspend_
outgoing_e
mail

validate_cur
rent_installe
d_exim_conf
ig

validate_cur
rent_dkims

validate_cur
rent_ptrs

validate_cur
rent_spfs

validate_exi
m_configura
tion_syntax

▼ Market

disable_mar
ket_provider

enable_market_provider

get_adjusted_market_providers_products

get_market_providers_commission_config

get_market_providers_list

get_market_providers_product_metadata

get_market_providers_products

set_market_product_attribute

set_market_provider_commission_id

▼ ModSecurity™

modsec_added_rule

modsec_added_vendor

modsec_assemble_config_text

modsec_batch_settings

modsec_check_rule

modsec_clone_rule

modsec_deploy_all_rule_changes

modsec_deploy_rule_changes

modsec_deploy_settings_changes

modsec_disable_rule

modsec_disable_vendor

modsec_disable_vendor_configs

modsec_disable_vendor_updates

modsec_disable_all_rule_changes

modsec_disable_rule_changes

modsec_edit_rule

modsec_enable_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_un
disable_rule

modsec_up
date_vendor

▼ Packages

_getpkgexte
nsionform

add_overrid
e_features_f
or_user

addpkg

addpkgext

changepack
age

create_featu
relist

delete_featu
relist

delpkgext

editpkg

get_availabl
e_applicatio
ns

get_availabl
e_featurelist
s

get_feature_
metadata

get_feature_
names

get_featureli
st_data

get_featureli
sts

get_users_f
eatures_sett
ings

getfeaturelis
t

getpkginfo

killpkg

listpkgs

manage_fea
tures

matchpkgs

read_feature
list

remove_override_features_for_user

update_featurelist

verify_user_has_feature

▼ PHP

convert_all_domains_to_fpm

get_fpm_count_and_utilization

is_conversion_in_progress

php_get_default_accounts_to_fpm

php_get_handlers

php_get_impacted_domains

php_get_installed_versions

php_get_old_fpm_flag

php_get_system_default_version

php_get_versions_by_version

php_get_versions

php_ini_get_content

php_ini_get_directives

php_ini_set_content

php_ini_set_directives

php_set_default_accounts_to_fpm

php_set_handler

php_set_old_fpm_flag

php_set_session_save_p

ath

php_set_sys
tem_default
_version

php_set_vh
ost_versions

▼ Resellers

acctcounts

get_public_c
ontact

getresellerip
s

listacts

listresellers

resellerstats

saveacllist

set_public_c
ontact

setacts

setresellerip
s

setresellerli
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setresellerm
ainip

setresellern
ameservers

setresellerp
ackagelimit

setupreselle
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suspendres
eller

terminateres
eller

unsetuprese
ller

unsuspendr
eseller

▼ RPM

delete_rpm_
version

edit_rpm_
rsion

get_rpm_
sion_data

install_rpm_
plugin

list_rpms

package_m

anager_fixc
ache

package_m
anager_get_
build_log

package_m
anager_get_
package_inf
o

package_m
anager_is_p
erforming_a
ctions

package_m
anager_list_
packages

package_m
anager_reso
lve_actions

package_m
anager_sub
mit_actions

package_m
anager_upgr
ade

uninstall_rp
m_plugin

▼ Script Hooks

delete_hook

edit_hook

list_hooks

reorder_hoo
ks

▼ Security

accesshash

authorizessh
key

check_remo
te_ssh_conn
ection

convertopen
shtoputty

deletesshke
y

generatessh
keypair

importsshke
y

listsshkeys

▼ Server

Administration

add_configcl
usterserver

configureba

ckgroundpro
cesskiller

configureser
vice

cors_proxy_
get

create_user
_session

delete_confi
gclusterserv
er

enable_mon
itor_all_ena
bled_service
s

get_all_cont
act_importa
nces

get_appconf
ig_applicatio
n_list

get_applicati
on_contact_
event_import
tance

get_applicati
on_contact_
importance

get_availabl
e_profiles

get_current_
profile

get_passwor
d_strength

get_remote_
access_has
h

get_service_
config

get_service_
config_key

get_tweakse
tting

get_update_
availability

get_users_li
nks

getdiskusag
e

gethostname

is_role_ena
bled

list_configcl
usterservers

loadavg
nvget
nvset
personalization_get
personalization_set
purchase_application_license
reboot
remove_in_progress_exim_config_edit
restartservice
restore_config_from_file
restore_config_from_upload
run_cpkeyctl
send_test_posturl
send_test_pushbullet_note
servicestatus
set_application_contact_event_importance
set_application_contact_importance
set_primary_servername
set_service_config_key
set_tweaking
sethostname
setminimumpasswordstrengths
start_profile_activation
system_needs_reboot
systemloadavg

vg

update_conf
igclusterserv
er

update_cont
act_email

verify_aim_a
ccess

verify_icq_a
ccess

verify_oscar
_access

verify_postu
rl_access

verify_pushb
ullet_access

▼ SSL

disable_aut
ossl

fetch_servic
e_ssl_comp
onents

fetch_ssl_ce
rtificates_for
_fqdns

fetch_ssl_vh
osts

fetch_vhost
_ssl_compo
nents

fetchcrtinfo

fetchsslinfo

generatessl

get_autoss
l_check_sch
edule

get_autoss
l_log

get_autoss
l_logs_catalo
g

get_autoss
l_metadata

get_autoss
l_pending_q
ueue

get_autoss
l_pending_q
ueue_for_do
main

get_autoss
l_pending_q
ueue_for_us
er

get_autossl
_problems_f
or_domain

get_autossl
_problems_f
or_user

get_autossl
_providers

get_best_ssl
domain_for_
service

install_servi
ce_ssl_certif
icate

installssl

listcrts

rebuildinstall
edssldb

rebuildusers
sldb

reset_autos
ssl_provider

reset_servic
e_ssl_certifi
cate

set_autossl_
metadata

set_autossl_
metadata_k
ey

set_autossl_
provider

start_autossl
_check_for_
all_users

start_autossl
_check_for_
one_user

▼ Styles and Themes

generate_cp
anel_plugin

list_styles

load_style

remove_log
o

remove_styl
e

save_style

set_default

▼ Support Tickets

ticket_creat
e_stub_ticke
t

ticket_get_s
upport_agre
ement

ticket_get_s
upport_info

ticket_grant

ticket_list

ticket_remov
e_closed

ticket_revok
e

ticket_ssh_t
est

ticket_ssh_t
est_start

ticket_updat
e_service_a
greement_a
pproval

ticket_valida
te_oauth2_c
ode

ticket_whitel
ist_check

ticket_whitel
ist_setup

ticket_whitel
ist_unsetup

▼ Transfers

abort_transf
er_session

analyze_tra
nsfer_sessio
n_remote

available_tr
ansfer_mod
ules

create_remo
te_root_tran
sfer_session

create_remo
te_user_tran
sfer_session

delete_accou
nt_archives

enqueue_tra
nsfer_item

fetch_transf
er_session_l
og

get_transfer
_session_st
ate

pause_trans
fer_session

remote_basi
c_credential
_check

retrieve_tran
sfer_session
_remote_an
alysis

start_transfe
r_session

transfer_mo
dule_schem
a

validate_sys
tem_user

▼ Updates

accept_eula

get_availabl
e_tiers

get_current_
lts_expiratio
n_status

get_lts_wex
pire

getlongterm
support

installed_ver
sions

set_cpanel_
updates

set_tier

update_upd
ateconf

version