

WHM API 1 Functions - ticket_grant

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

restore_queue

Description

This function installs an SSH key from the [cPanel Customer Portal](#).

Examples

JSON API

```
https://hostname.example.com:2087/cpsess#####/json-api/ticket_grant?api.version=1&ticket_id=999999999&server_num=1&secureid=rofh411bv8&ssh_username=root
```

XML API

```
https://hostname.example.com:2087/cpsess#####/xml-api/ticket_grant?api.version=1&ticket_id=999999999&secureid=rofh411bv8&server_num=1&ssh_username=root
```

Function information

About WHM API 1

WHM API 1 performs functions and accesses data in WHM.

Notes:

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ue_list_pending
restore_queue_state
restoreaccount
verify_new_username_for_restore

Accounts

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

Command Line

```
whmapil ticket_grant  
ticket_id=999999999  
secureid=rofh411bv8  
server_num=1  
ssh_username=root
```

Notes:

- Unless otherwise noted, 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
```

Find a function

cPanel Customer Portal to the server.

- WHM API 1 Functions - ticket_revoke - This function removes a cPanel Customer Portal SSH key from the server.

configurations

get_users_authn_linked_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_issuer

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_data_list

backup_destination_add

backup_destination_delete

Output (XML)

```
<result>
  <data>

    <chain_status>ACTIVE<
  /chain_status>

    <auth_time>1477338450
  </auth_time>

    <host_access_wl_statuses>ACTIVE</host_access
  _wl_status>

    <ssh_username>root</s
  sh_username>

    <hulk_wl_status>ACTIV
  E</hulk_wl_status>

    <auth_status>AUTHED</
  auth_status>

    <ticket_status>OPEN</
  ticket_status>

    <server_name>example<
  /server_name>

    <ticket_id>999999999<
  /ticket_id>

    <server_num>1</server
  _num>
  </data>
  <metadata>

    <version>1</version>
    <result>1</result>
    <reason>OK</reason>

    <command>ticket_grant
  </command>
  </metadata>
</result>
```

- WHM API 1 Functions - ticket_ssh_test_start — This function initiates an SSH connection test.

backup_dest
 ination_get

 backup_dest
 ination_list

 backup_dest
 ination_set

 backup_dest
 ination_valid
 ate

 backup_get
 _transport_s
 tatus

 backup_list_
 transported

 backup_set_
 list

 backup_set_
 list_combine
 d

 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
 ct

 toggle_user
 _backup_sta
 te

 v cPHulk

 cphulk_statu
 s

 create_cphu
 lk_record

 delete_cphu
 lk_record

 disable_cph
 ulk

 enable_cph
 ulk

 flush_cphulk
 _login_histo
 ry

Note:

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

Parameters

Parameter	Type	Description	Possible values	Example
ticket_id	integer	Required The support ticket's ID number.	A valid positive integer.	999999999
secure_id	string	Required The support ticket's secure ID token. Note : We added this parameter in cPanel & WHM version 76.	A valid string.	rof411bv8
server_num	integer	Required The server's support ticket ID number.	A valid positive integer.	1
ssh_username	string	The username for incoming SSH connections before they escalate to the root user. If you do not specify a value, the function will retrieve the user from the support ticket.	A valid system username.	root

Returns

Return	Type	Description	Possible values	Example
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flush_cphulk_login_history_for_ips

get_countries_with_known_ip_ranges

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

ssh_username	string	The username for incoming SSH connections before they escalate the root user.	A valid system username.	root
auth_status	string	The installation status.	A string value.	AUTHED
auth_time	integer	When the system authorized access.	A time, in Unix time format.	1477338450
ticket_statuses	string	The support ticket's status.	<ul style="list-style-type: none"> • OPEN • CLOSED • UNKNOWN 	OPEN
ticket_id	integer	The support ticket's ID number.	A positive integer.	999999999
server_num	integer	The server's ID number.	A positive integer.	1
server_name	string	The server's human-readable description.	A string from the <i>cPanel Customer Portal</i> .	example

▼ 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

ion	non_fatal	array	Any non-fatal errors.	<ul style="list-style-type: none"> ticket_system_log_entry — The function could not record the grant operation in the ticket. audit_log — The function could not record the grant operation in the local audit log. 	2
remote_mysql_monitor_profile_activation				<p>Note : The system stores the local audit log in the /var/cpanel/logs/suporta/uth/audit.log file.</p>	
remote_mysql_read_profile					
remote_mysql_read_profiles					
remote_mysql_update_profile					
remote_mysql_validate_profile					
rename_mysql_database					
rename_mysql_user					
rename_postgresql_database					
rename_postgresql_user					
set_local_mysql_root_password					
set_mysql_password					
set_postgresql_password					
start_background_mysql_upgrade					

▼ DNS

- addns
- addzonerecord
- addzonerecord (Reverse DNS)
- dumpzone
- editzonerecord
- get_nameserver_config
- getzonerecord
- has_local_authority

killdns	chain_status	string	The status of the iptables whitelist entries.	<ul style="list-style-type: none"> ACTIVE — The system added the appropriate whitelist entries or they already existed. INACTIVE — The whitelist entries were successfully removed or were already deleted. ERR_SETUP — The system failed to add the whitelist entries. ERR_UNSETUP — The system failed to remove the whitelist entries. ERR_UNKNOWN — An unknown error occurred. 	ACTIVE
listmxs					
listzones					
lookupnsip					
lookupnsips					
removezone record					
resetzone					
resolvedomainname					
savemxs					
setresolvers					
update_nameservers_config					
<ul style="list-style-type: none"> EasyApache <ul style="list-style-type: none"> ea4_get_currently_installed_packages ea4_get_ea_pkgs_state ea4_list_profiles ea4_maintainfo ea4_migration ea4_pre_migrate_check ea4_recommendations ea4_save_profile ea4_tomcat85_add ea4_tomcat85_list ea4_tomcat85_remove Greylisting <ul style="list-style-type: none"> cpgreylist_is_server_net_block_trusted cpgreylist_list_entries_for_common_mail_provider cpgreylist_load_common_mail_provider 					

Note
: We added this return in cPanel & WHM version 62.

<p>ers_config</p> <p>cpgreylist_save_common_mail_providers_config</p> <p>cpgreylist_status</p> <p>cpgreylist_trusted_entries_for_common_mail_provider</p> <p>cpgreylist_untrusted_entries_for_common_mail_provider</p> <p>create_cpgreylist_trusted_host</p> <p>delete_cpgreylist_trusted_host</p> <p>disable_cpgreylist</p> <p>enable_cpgreylist</p> <p>load_cpgreylist_config</p> <p>read_cpgreylist_deferred_entries</p> <p>read_cpgreylist_trusted_host</p> <p>save_cpgreylist_config</p>	<p>csf_wl_statuses</p> <p>string</p>	<p>The status of the CSF whitelist entries.</p> <div style="border: 1px solid orange; padding: 5px; margin: 5px 0;"> <p>Note :</p> <p>If CSF does not exist on your server, the function will not display this return.</p> </div> <div style="border: 1px solid orange; padding: 5px; margin: 5px 0;"> <p>Note :</p> <p>We added this return in cPanel & WHM version 62.</p> </div>	<ul style="list-style-type: none"> • ACTIVE — The system added the appropriate whitelist entries or they already existed. • INACTIVE — The whitelist entries were successfully removed or were already deleted. • ERR_SETUP — The system failed to add the whitelist entries. • ERR_UNSETUP — The system failed to remove the whitelist entries. • ERR_UNKNOWN — An unknown error occurred. 	<p>ACTIVE</p>
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▼ Integration

- batch
- cpanel
- create_integration_group
- create_integration_link
- get_integration_link_user_config
- list_integration_groups
- list_integration_links
- remove_integration_group
- remove_inte

gration_link	hulk_wl_status	string	The status of the cPHulk whitelist entries.	<ul style="list-style-type: none"> ACTIVE — The system added the appropriate whitelist entries or they already existed. INACTIVE — The whitelist entries were successfully removed or were already deleted. ERR_SETUP — The system failed to add the whitelist entries. ERR_UNSETUP — The system failed to remove the whitelist entries. ERR_UNKNOWN — An unknown error occurred. 	ACTIVE
update_integration_link_token					
<p>▼ IP Addresses</p> 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					
<p>▼ Mail</p> 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_m					

Note
: We added this return in cPanel & WHM version 62.

<p>ailbox_messages</p> <p>expunge_messages_for_mailbox_guid</p> <p>fetch_dkim_private_keys</p> <p>fetch_mail_queue</p> <p>generate_mobileconfig</p> <p>get_mailbox_status</p> <p>get_mailbox_status_list</p> <p>get_unique_recipient_count_per_sender_for_user</p> <p>get_unique_sender_recipient_count_per_user</p> <p>get_user_email_forward_destination</p> <p>hold_outgoing_email</p> <p>install_dkim_private_keys</p> <p>install_spf_records</p> <p>is_sni_supported</p> <p>list_pops_for</p> <p>mail_sni_status</p> <p>rebuild_mail_sni_config</p> <p>release_outgoing_email</p> <p>save_spamd_config</p> <p>set_user_email_forward_destination</p> <p>suspend_outgoing_email</p> <p>unsuspend_outgoing_email</p>	<p>host_access_wl_status</p> <p><i>string</i></p>	<p>The status of the /etc/hosts.allow file's whitelist entries.</p> <div style="border: 1px solid black; padding: 5px; margin: 10px 0;"> <p>Note : We added this return in cPanel & WHM version 62.</p> </div>	<ul style="list-style-type: none"> • ACTIVE — The system added the appropriate whitelist entries or they already existed. • INACTIVE — The whitelist entries were successfully removed or were already deleted. • ERR_SETUP — The system failed to add the whitelist entries. • ERR_UNSETUP — The system failed to remove the whitelist entries. • ERR_UNKNOWN — An unknown error occurred. 	<p>ACTIVE</p>
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validate_curren
t_installe
d_exim_conf
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validate_curren
t_dkims

validate_curren
t_ptrs

validate_curren
t_spfs

validate_exim
m_configura
tion_syntax

▼ Market

disable_mar
ket_provider

enable_mar
ket_provider

get_adjuste
d_market_pr
oviders_pro
ducts

get_market_
providers_c
ommission_
config

get_market_
providers_lis
t

get_market_
providers_pr
oduct_meta
data

get_market_
providers_pr
oducts

set_market_
product_attri
bute

set_market_
provider_co
mmission_id

▼ ModSecurity™

modsec_ad
d_rule

modsec_ad
d_vendor

modsec_ass
emble_conf
ig_text

modsec_bat
ch_settings

modsec_che
ck_rule

modsec_clo
ne_rule

modsec_de
ploy_all_rule
_changes

modsec_de
ploy_rule_ch
anges

modsec_de
ploy_setting
s_changes

modsec_dis
able_rule

modsec_dis
able_vendor

modsec_dis
able_vendor
_configs

modsec_dis
able_vendor
_updates

modsec_dis
card_all_rul
e_changes

modsec_dis
card_rule_c
hanges

modsec_edit
_rule

modsec_en
able_vendor

modsec_en
able_vendor
_configs

modsec_en
able_vendor
_updates

modsec_get
_config_text

modsec_get
_configs

modsec_get
_configs_wit
h_changes_
pending

modsec_get
_log

modsec_get
_rules

modsec_get
_settings

modsec_get
_vendors

modsec_is_i
nstalled

modsec_ma
ke_config_a
ctive

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_disable_rule

modsec_update_vendor

▼ Packages

_getpkgextensionform

add_override_features_for_user

addpkg

addpkgext

changepackage

create_feature_relist

delete_feature_relist

delpkgext

editpkg

get_available_applications

get_available_featurelists

get_feature_metadata

get_feature_names

get_featurelist_data

get_featureli

sts

get_users_f
eatures_sett
ings

getfeaturelis
t

getpkginfo

killpkg

listpkgs

manage_fea
tures

matchpkgs

read_feature
list

remove_ove
rride_featu
res_for_user

update_feat
urelist

verify_user_
has_feature

▼ PHP

convert_all_
domains_to
_fpm

get_fpm_co
unt_and_util
ization

is_conversio
n_in_progre
ss

php_get_def
ault_accoun
ts_to_fpm

php_get_ha
ndlers

php_get_im
pacted_dom
ains

php_get_ins
talled_versio
ns

php_get_old
_fpm_flag

php_get_sys
tem_default
_version

php_get_vh
osts_by_ver
sion

php_get_vh
ost_versions

php_ini_get
_content

php_ini_get
_directives

php_ini_set
_content

php_ini_set
_directives

php_set_def
ault_accoun
ts_to_fpm

php_set_ha
ndler

php_set_old
_fpm_flag

php_set_ses
sion_save_p
ath

php_set_sys
tem_default
_version

php_set_vh
ost_versions

▼ Resellers

acctcounts

get_public_c
ontact

getresellerip
s

listacIs

listresellers

resellerstats

saveacllist

set_public_c
ontact

setacIs

setresellerip
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setresellerli
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ameservers

setresellerp
ackagelimit

setupreselle
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suspendres
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terminateres
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unsetuprese

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unsuspendr
eseller

▼ RPM

delete_rpm_
version

edit_rpm_ve
rsion

get_rpm_ver
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
sshtoputty

deletesshke
y

fetch_securi
ty_advice

generatessh
keypair

importsshke
y

listsshkeys

▼ Server

Administration

add_configcl
usterserver

configureba
ckgroundpro
cesskiller

configureser
vice

cors_proxy_
get

create_user
_session

delete_conf
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_tcp4_so
ckets

get_tcp6_so
ckets

get_tweakse
tting

get_udp4_s
ockets

get_udp6_s
ockets

get_update_
availability

get_users_li
nks

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gethostname

is_role_ena
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list_configcl
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loadavg

nvget

nvset

personalizati
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personalizati
on_set

purchase_a
_license

reboot

remove_in_
progress_ex
im_config_e
dit

restartservic
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restore_conf
ig_from_file

restore_conf
ig_from_upl
oad

run_cpkeyclt

send_test_p
osturl

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servicestatu

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set_applicati
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event_imp
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on_contact_
importance

set_primary
_servernam
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set_service_
config_key

set_tweakse
tting

sethostname

setminimum
passwordstr
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start_profile
_activation

system_nee
ds_reboot

systemloada
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_autossl
_check_schedule
get_autossl
_log
get_autossl
_logs_catalog
get_autossl
_metadata
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
rebuildusers
sldb
reset_autossl_provider
reset_service_ssl_certificate
set_autossl_metadata
set_autossl_metadata_key

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
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get_transfer
_session_st
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pause_trans
fer_session

remote_basi
c_credential
_check

retrieve_tran
sfer_session
_remote_an
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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