

WHM API 1 Functions - save_cphulk_config

Description

This function modifies cPHulk's configuration settings.

Examples

```
https://hostname.example.com:2087/cpsess#####/json-api/save_cphulk_config?api.version=1&brute_force_period_mins=5
```

```
https://hostname.example.com:2087/cpsess#####/xml-api/save_cphulk_config?api.version=1&brute_force_period_mins=5
```

```
whmapil save_cphulk_config brute_force_period_mins=5
```

```
{
  "data": {
    "restart_ssh": 0,
    "warning": "",
    "cphulk_config": {
      "is_enabled": 1,
      "ip_brute_force_period_mins": 15,
      "max_failures": 15,
      "brute_force_period_sec": 300,
      "lookback_period_min": "360",
      "mark_as_brute": 30,
      "ip_brute_force_period_sec": 900,
      "lookback_time": 21600,
      "brute_force_period_mins": 5,
      "notify_on_root_login": 0,
      "max_failures_byip": 5
    }
  },
  "metadata": {
    "version": 1,
    "reason": "OK",
    "result": 1,
    "command": "save_cphulk_config"
  }
}
```

Guide to WHM API 1

[Return Data](#)

[Filter Output](#)

[Sort Output](#)

[Paginate Output](#)

[Output Columns](#)

[Use WHM API to Call cPanel API & UAPI](#)

[accountsummary](#)

[applist](#)

[createacct](#)

[domainuserdata](#)

[editquota](#)

[forcepasswordchange](#)

[has_digest_auth](#)

[has_mycnf_for_cpuser](#)

[limitbw](#)

[listaccts](#)

[listlockedaccounts](#)

[listsuspended](#)

[modifyacct](#)

[myprivs](#)

[passwd](#)

[removeacct](#)

[set_digest_auth](#)

[showbw](#)

[suspendacct](#)

[unsuspendacct](#)

[untrack_acct_id](#)

[verify_new_username](#)

[restore_modules_summary](#)

Function information

API Version: WHM API 1
Available in: WHM 11.48+
Methods: GET, POST
Required Parameters: (none)
Return Format: 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_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_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

```

<result>
  <data>
    <restart_ssh>0</restart_ssh>
    <warning/>
    <cphulk_config>
      <is_enabled>1</is_enabled>
      <ip_brute_force_period_mins>15<
/ip_brute_force_period_mins>
      <max_failures>15</max_failures>
      <brute_force_period_sec>300<
/brute_force_period_sec>
      <lookback_period_min>360</lookback_period_min>
      <mark_as_brute>30</mark_as_brute>
      <ip_brute_force_period_sec>900<
/ip_brute_force_period_sec>
      <lookback_time>21600</lookback_time>
      <brute_force_period_mins>5<
/brute_force_period_mins>
      <notify_on_root_login>0</notify_on_root_login>
      <max_failures_byip>5</max_failures_byip>
    </cphulk_config>
  </data>
  <metadata>
    <version>1</version>
    <reason>OK</reason>
    <result>1</result>
    <command>save_cphulk_config</command>
  </metadata>
</result>

```



Note:

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

- Some functions and parameters may require that the caller authenticate.

Parameters

Return	Type	Description	Possible values	Example
is_enabled	<i>Boolean</i>	Whether the cPHulk service is enabled. This parameter defaults to 1.	<ul style="list-style-type: none"> • 1 — cPHulk is enabled. • 0 — cPHulk is disabled. 	1
ip_brute_force_period_mins	<i>integer</i>	The number of minutes during which cPHulk will measure an attacker's login attempts. This parameter defaults to 15.	A valid integer between 1 and 1440.	15
brute_force_period_mins	<i>integer</i>	The number of minutes during which cPHulk will measure all login attempts to a specific user's account. This parameter defaults to 5.	A valid integer between 1 and 1440.	5

[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](#)

max_failures	<i>integer</i>	The maximum number of failures that cPHulk will allow per account within the defined time range. This parameter defaults to 15.	A valid integer between 0 and 999999.	30
max_failures_byip	<i>integer</i>	The maximum number of failures that cPHulk will allow per account from a specific IP address within the defined time range. This parameter defaults to 5.	A valid integer between 0 and 999999.	5
mark_as_brute	<i>integer</i>	The maximum number of failures that cPHulk will allow per account from a specific IP address before the system locks out that address for two weeks. This parameter defaults to 30.	A valid integer between 0 and 999999.	30
lookback_period_min	<i>integer</i>	The number of minutes over which cPHulk counts failed logins against a user. This parameter defaults to 360.	A valid integer between 0 and 999999.	360
lookback_time	<i>integer</i>	The number of seconds over which cPHulk counts failed logins against a user. This parameter defaults to 21600.	A valid integer between 0 and 999999.	21600
notify_on_brute	<i>Boolean</i>	Whether cPHulk will send a notification when it detects a brute force attack. This parameter defaults to 1.	<ul style="list-style-type: none"> 1 — Send the notification. 0 — Do not send the notification. 	1
notify_on_root_login	<i>Boolean</i>	Whether cPHulk will send a notification when the <code>root</code> user successfully logs in from an IP address that is not on the whitelist. This parameter defaults to 0.	<ul style="list-style-type: none"> 1 — Send the notification. 0 — Do not send the notification. 	1

Returns

Return	Type	Description	Possible values	Example
restart_ssh	<i>Boolean</i>	Whether the system disabled UseDNS in the <code>sshd.conf</code> file and restarted the <code>sshd</code> daemon in order to allow cPHulk to add IP addresses to the whitelist.	<ul style="list-style-type: none"> 1 — Disabled UseDNS in the <code>sshd.conf</code> file and restarted the <code>sshd</code> service. 0 — Did not alter the <code>sshd.conf</code> file or restart the <code>sshd</code> service. 	0
warning	<i>string</i>	A warning message about the restart, if the <code>restart_ssh</code> value is 1.	<ul style="list-style-type: none"> null A valid string. 	null

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

Find a function

Related functions

[twofactorauth_remove_use_r_config](#)

[twofactorauth_set_issuer](#)

[twofactorauth_set_tfa_config](#)

[unlink_user_authn_provider](#)

[validate_login_token](#)

[backup_config_get](#)

[backup_config_set](#)

[backup_date_list](#)

[backup_destination_add](#)

[backup_destination_delete](#)

[backup_destination_get](#)

[backup_destination_list](#)

[backup_destination_set](#)

[backup_destination_validate](#)

[backup_set_list](#)

[backup_skip_users_all](#)

[backup_skip_users_all_status](#)

[backup_user_list](#)

[convert_and_migrate_from_legacy_config](#)

[list_cparchive_files](#)

[start_background_pkgacct](#)

[toggle_user_backup_state](#)

[cphulk_status](#)

[create_cphulk_record](#)

[delete_cphulk_record](#)

cphulk_config	<i>hash</i>	A hash of cPHulk configuration settings.	This hash contains the <code>is_enabled</code> , <code>ip_brute_force_period_mins</code> , <code>ip_brute_force_period_sec</code> , <code>brute_force_period_mins</code> , <code>brute_force_period_sec</code> , <code>max_failures</code> , <code>max_failures_byip</code> , <code>mark_as_brute</code> , <code>period_min</code> , <code>lookback_time</code> , <code>notify_on_brute</code> , and <code>notify_on_rot_login</code> returns.	
is_enabled	<i>Boolean</i>	Whether the cPHulk service is enabled. The function returns this value in the <code>cphulk_config</code> hash.	<ul style="list-style-type: none">• 1 — cPHulk is enabled.• 0 — cPHulk is disabled.	1
ip_brute_force_period_mins	<i>integer</i>	The number of minutes in which cPHulk measures an attacker's login attempts. The function returns this value in the <code>cphulk_config</code> hash.	A valid integer.	15
ip_brute_force_period_sec	<i>integer</i>	The number of seconds in which cPHulk measures an attacker's login attempts. The function returns this value in the <code>cphulk_config</code> hash.	A valid integer.	300
brute_force_period_mins	<i>integer</i>	The number of minutes over which cPHulk measures all login attempts to a specific user's account. The function returns this value in the <code>cphulk_config</code> hash.	A valid integer.	5
brute_force_period_sec	<i>integer</i>	The number of seconds over which cPHulk measures all login attempts to a specific user's account. The function returns this value in the <code>cphulk_config</code> hash.	A valid integer.	360
max_failures	<i>integer</i>	The maximum number of failures that cPHulk allows per account within the defined time range. The function returns this value in the <code>cphulk_config</code> hash.	A valid integer.	30

- [WHM API 1 Sections - cPHulk](#) — cPHulk functions allow you to manage your cPHulk settings.
- [WHM API 1 Functions - cphulk_status](#) — This function returns the status of the cPHulk service.
- [WHM API 1 Functions - create_cphulk_record](#) — This function adds a new record or records to cPHulk's whitelist or blacklist.
- [WHM API 1 Functions - delete_cphulk_record](#) — This function deletes a record or records from cPHulk's whitelist or blacklist.
- [WHM API 1 Functions - disable_cphulk](#) — This function disables the cPHulk service.

<p>disable_cphulk</p> <p>enable_cphulk</p> <p>flush_cphulk_login_history</p> <p>flush_cphulk_login_history_for_ips</p>	<p>maximum_failures_by_ip</p>	<p><i>integer</i></p> <p>The maximum number of failures from a specific IP address before cPHulk locks out that address.</p> <p>The function returns this value in the <code>cphulk_config</code> hash.</p>	<p>A valid integer.</p>	<p>5</p>
<p>get_cphulk_brutes</p> <p>get_cphulk_excessive_brutes</p> <p>get_cphulk_failed_logins</p>	<p>maximum_brute_attempts</p>	<p><i>integer</i></p> <p>The maximum number of failures from a specific IP address before cPHulk blocks that address for a two week period.</p> <p>The function returns this value in the <code>cphulk_config</code> hash.</p>	<p>A valid integer.</p>	<p>30</p>
<p>load_cphulk_config</p> <p>read_cphulk_records</p> <p>save_cphulk_config</p>	<p>lockback_period_min</p>	<p><i>integer</i></p> <p>The number of minutes over which cPHulk counts failed logins against a user.</p> <p>The function returns this value in the <code>cphulk_config</code> hash.</p>	<p>A valid integer.</p>	<p>360</p>
<p>background_mysql_upgrade_status</p> <p>current_mysql_version</p> <p>installable_mysql_versions</p> <p>latest_available_mysql_version</p>	<p>lockback_time</p>	<p><i>integer</i></p> <p>The number of seconds over which cPHulk counts failed logins against a user.</p> <p>The function returns this value in the <code>cphulk_config</code> hash.</p>	<p>A valid integer.</p>	<p>21600</p>
<p>list_database_users</p> <p>list_databases</p> <p>list_mysql_databases_and_users</p>	<p>notify_brute</p>	<p><i>Boolean</i></p> <p>Whether cPHulk will send a notification when it detects a brute force attack.</p> <p>The function returns this value in the <code>cphulk_config</code> hash.</p>	<ul style="list-style-type: none"> • 1 — Send the notification. • 0 — Do not send the notification. 	<p>1</p>
<p>remote_mysql_create_profile</p> <p>remote_mysql_create_profile_via_ssh</p> <p>remote_mysql_delete_profile</p> <p>remote_mysql_initiate_profile_activation</p> <p>remote_mysql_monitor_profile_activation</p> <p>remote_mysql_read_profile</p>	<p>notify_root_login</p>	<p><i>Boolean</i></p> <p>Whether cPHulk will send a notification when the <code>root</code> user successfully logs in from an IP address that is not on the whitelist.</p> <p>The function returns this value in the <code>cphulk_config</code> hash.</p>	<ul style="list-style-type: none"> • 1 — Send the notification. • 0 — Do not send the notification. 	<p>1</p>

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_ena
ble_vendor_c
onfigs

modsec_ena
ble_vendor_u
pdates

modsec_get_
config_text

modsec_get_
configs

modsec_get_
configs_with_
changes_pen
ding

modsec_get_
log

modsec_get_
rules

modsec_get_
settings

modsec_get_
vendors

modsec_is_i
nstalled

modsec_mak
e_config_acti
ve

modsec_mak
e_config_ina
ctive

modsec_prev
iew_vendor

modsec_rem
ove_rule

modsec_rem
ove_setting

modsec_rem
ove_vendor

modsec_repo
rt_rule

modsec_set_
config_text

modsec_set_
setting

modsec_undi
sable_rule

modsec_upd
ate_vendor

_getpkgexten
sionform

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
inip

setresellerna
meservers

setresellerpa
ckagelimit

setupreseller

suspendresel
ler

terminateres
eller

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