

WHM API 1 Functions - modsec_assemble_config_text

Guide to WHM API 1

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[accountsummary](#)

Description

This function adds text to a ModSecurity™ configuration file.



Important:

In cPanel & WHM version 76 and later, when you disable the `webServer` role, the system **disables** this function. For more information, read our [How to Use Server Profiles](#) documentation.

Examples

Function information

API Version:
[WHM API 1](#)
Available in:
WHM 11.48+
Methods:
GET, POST
Required Parameters:
`config`
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:

[applist](#)
[createacct](#)
[domainuserdata](#)
[editquota](#)
[forcepasswordchange](#)
[get_current_users_count](#)
[get_disk_usage](#)
[get_domain_info](#)
[getdomainowner](#)
[get_maximum_users](#)
[getminimumpasswordstrengths](#)
[has_digest_auth](#)
[has_mycnf_or_cpuser](#)
[limitbw](#)
[list_users](#)
[listaccts](#)
[listlockedaccounts](#)
[listsuspended](#)
[modifyacct](#)
[myprivs](#)
[passwd](#)
[quota_enabled](#)
[removeacct](#)
[set_digest_auth](#)
[showbw](#)
[suspendacct](#)
[unsuspendacct](#)
[untrack_acct_id](#)
[verify_new_username](#)
[convert_addon_fetch_conversion_details](#)

```
https://hostname.example.com:2087/cpsess#####/json-api/modsec_assemble_config_text?api.version=1&config=modsec_vendor_configs%2Fexample.conf&text=newtext&init=1&final=1&deploy=1
```

```
https://hostname.example.com:2087/cpsess#####/xml-api/modsec_assemble_config_text?api.version=1&config=modsec_vendor_configs%2Fexample.conf&text=newtext&init=1&final=1&deploy=1
```

```
whmapil modsec_assemble_config_text config=modsec_vendor_configs%5C%2Fexample.conf text=newtext init=1 final=1 deploy=1
```



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
```

```
{
  "data": {},
  "metadata": {
    "version": 1,
    "reason": "OK",
    "result": 1,
    "command": "modsec_assemble_config_text"
  }
}
```

```
<result>
  <data></data>
  <metadata>
    <command>modsec_assemble_config_text</command>
    <reason>OK</reason>
    <result>1</result>
    <version>1</version>
  </metadata>
</result>
```



Note:

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

• Some functions are parameter sensitive may require that you authenticate as the root user.

[convert_addon_fetch_domain_details](#)

[convert_addon_get_conversion_status](#)

[convert_addon_initiate_conversion](#)

[convert_addon_list_addon_domains](#)

[convert_addon_list_conversions](#)

[api_token_create](#)

[api_token_list](#)

[api_token_revoke](#)

[api_token_update](#)

[disable_authentication_provider](#)

[disable_failing_authentication_providers](#)

[enable_authentication_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](#)

[link_user_authn_provider](#)

[set_provider_client_configurations](#)

[set_provider_display_configurations](#)

[twofactorauth_disable_policy](#)

Parameters

| Parameter | Type | Description | Possible values | Example |
|-----------|----------------|---|--|---|
| config | <i>string</i> | Required The ModSecurity™ configuration file's path and name. | A valid path and filename, relative to the <code>/etc/apache2/conf/</code> directory. | <code>modsec_vendor_configs/example.conf</code> |
| text | <i>string</i> | The text to add to the configuration file. This parameter defaults to an empty string. | A valid string. | <code>newtext</code> |
| init | <i>Boolean</i> | Whether to add the text as the initial upload to the configuration file. This value defaults to 0. <div style="border: 1px solid #ccc; padding: 5px;"><p>Notes:</p><ul style="list-style-type: none">You must use this parameter if you wish to add the text as the initial change to the configuration file.You must use the <code>final</code> parameter with this parameter if you wish to only make one change to the configuration file.</div> | <ul style="list-style-type: none">1 — Initial upload.0 — Not the initial upload. | 1 |
| final | <i>Boolean</i> | Whether to add the text as the final upload to the configuration file. This parameter defaults to 0. <div style="border: 1px solid #ccc; padding: 5px;"><p>Notes:</p><ul style="list-style-type: none">You must use this parameter if you wish to add the text as the final change to the configuration file.You must use the <code>init</code> parameter with this parameter if you wish to only make one change to the configuration file.</div> | <ul style="list-style-type: none">1 — Final upload.0 — Not the final upload. | 1 |
| deploy | <i>Boolean</i> | Whether to deploy the new text to the system. This parameter defaults to 0. | <ul style="list-style-type: none">1 — Deploy.0 — Do not deploy. | 1 |

Returns

This function only returns metadata.

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

Find a function

Related functions

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

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_get_transport_status

backup_list_transported

backup_set_list

backup_set_list_combined

backup_skip_users_all

- [WHM API 1 Sections - ModSecurity](#) — ModSecurity functions allow you to manage ModSecurity rules and vendors on your server.
- [WHM API 1 Functions - modsec_add_rule](#) — This function adds a new rule to a ModSecurity™ configuration staging file.
- [WHM API 1 Functions - modsec_add_vendor](#) — This function adds a new ModSecurity™ vendor rule set to the server.
- [WHM API 1 Functions - modsec_batch_settings](#) — This function adds, updates, and removes global ModSecurity™ configuration directives.
- [WHM API 1 Functions - modsec_clone_rule](#) — This function copies a ModSecurity™ rule with a new rule ID.

backup_skip
_users_all_st
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backup_user
_list

convert_and_
migrate_from
_legacy_conf
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get_users_wi
th_backup_m
etadata

list_cparchive
_files

start_backgro
und_pkgacct

toggle_user_
backup_state

participate_in
_analytics

cphulk_status

create_cphul
k_record

delete_cphul
k_record

disable_cphu
lk

enable_cphulk

flush_cphulk
_login_history

flush_cphulk
_login_histor
y_for_ips

get_countries
_with_known
_ip_ranges

get_cphulk_b
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get_cphulk_f
ailed_logins

get_cphulk_u
ser_brutes

load_cphulk_
config

read_cphulk_
records

save_cphulk
_config

set_cphulk_c
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background_
mysql_upgra
de_status

current_mysql
_version

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list_database
_users

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_users

remote_mysql
_create_profi
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_create_profi
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remote_mysql
_delete_profi
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remote_mysql
_initiate_prof
ile_activation

remote_mysql
_monitor_pr
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remote_mysql
_read_profile

remote_mysql
_read_profiles

remote_mysql
_update_pro
file

remote_mysql
_validate_pr
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set_mysql_p
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set_postgres
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DNS)

create_parke
d_domain_fo
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dumpzone

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get_nameser
ver_config

getzonerecord

has_local_au
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killdns

listmxs

listzones

lookupnsip

lookupnsips

removezoner
ecord

resetzone

resolvedomai
nname

savemxs

setresolvers

update_nam
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ea4_get_curr
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d_packages

ea4_get_ea_
pkgs_state

ea4_list_profi
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ea4_metainfo

ea4_migration

ea4_pre_mig
rate_check

ea4_recomm
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ea4_save_pr
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ea4_tomcat8
5_add

ea4_tomcat8
5_list

ea4_tomcat8
5_rem

cpgreylist_is_
server_netblo
ck_trusted

cpgreylist_list
_entries_for_
common_mai
l_provider

cpgreylist_lo
ad_common_
mail_provide
r_s_config

cpgreylist_sa
ve_common_
mail_provide
r_s_config

cpgreylist_st
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cpgreylist_tru
st_entries_for
_common_m
ail_provider

cpgreylist_un
trust_entries_
for_common_
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create_cpgre
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delete_cpgre
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disable_cpgr
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enable_cpgr
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load_cpgreyli
st_config

read_cpgreyli
st_deferred_
entries

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save_cpgreyli
st_config

batch

cpanel

create_integr
ation_group

create_integr
ation_link

get_integratio
n_link_user_
config

list_integratio
n_groups

list_integratio
n_links

remove_integ
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remove_integ
ration_link

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addips

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get_public_ip

get_shared_ip

ipv6_disable_
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ipv6_enable_
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nat_checkip

nat_set_publi
c_ip

setsiteip

disable_dkim

disable_mail_
_sni

emailtrack_s
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emailtrack_u
ser_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_mobileconfig

get_mailbox_status

get_mailbox_status_list

get_unique_recipient_count_per_sender_for_user

get_unique_sender_recipient_count_per_user

get_user_email_forward_destination

hold_outgoing_email

install_dkim_private_keys

install_spf_records

is_sni_supported

list_pops_for

mail_sni_status

rebuild_mail_sni_config

release_outgoing_email

save_spamd_config

set_user_email_forward_destination

suspend_outgoing_email

unsuspend_outgoing_email

validate_current_installed_exim_config

validate_curr
ent_dkims

validate_curr
ent_ptr

validate_curr
ent_spfs

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
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get_market_
providers_list

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oduct_metad
ata

get_market_
providers_pr
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set_market_p
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mission_id

modsec_add
_rule

modsec_add
_vendor

modsec_ass
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_text

modsec_batc
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modsec_che
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modsec_clon
e_rule

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oy_all_rule_c
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changes

modsec_disable_rule

modsec_disable_vendor

modsec_disable_vendor_configs

modsec_disable_vendor_updates

modsec_discard_all_rule_changes

modsec_discard_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_undisable_rule

modsec_update_vendor

_getpkgextensionform

add_override_features_for_user

addpkg

addpkgext

changepackage

create_featurelist

delete_featurelist

delpkgext

editpkg

get_available_applications

get_available_featurelists

get_feature_metadata

get_feature_names

get_featurelist_data

get_featurelists

get_users_features_settings

getfeaturelist

getpkginfo

killpkg

listpkgs

manage_features

matchpkgs

read_featurelist

remove_override_features_for_user

update_feature_relist

verify_user_has_feature

convert_all_domains_to_fpm

get_fpm_count_and_utilization

is_conversion_in_progress

php_get_defaults_to_fpm

php_get_handlers

php_get_affected_domains

php_get_installed_versions

php_get_old_fpm_flag

php_get_system_default_version

php_get_hosts_by_version

php_get_host_versions

php_ini_get_content

php_ini_get_directives

php_ini_set_content

php_ini_set_directives

php_fpm_config_get

php_fpm_config_set

php_set_defaults_to_fpm

php_set_handler

php_set_old_fpm_flag

php_set_session_save_path

php_set_sys
tem_default_v
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php_set_vho
st_versions

acctcounts

get_public_c
ontact

getresellerips

listacfs

listresellers

resellerstats

saveacflist

set_public_c
ontact

setacfs

setresellerips

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delete_rpm_v
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edit_rpm_ver
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install_rpm_p
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list_rpms

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nager_get_b
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nager_get_p
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nager_is_per
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package_ma
nager_list_pa
ckages

package_ma
nager_resolv
e_actions

package_ma
nager_submit
_actions

package_ma
nager_upgra
de

uninstall_rpm
_plugin

delete_hook

edit_hook

list_hooks

reorder_hooks

accesshash

authorizessh
key

check_remot
e_ssh_conne
ction

convertopens
shtoputty

deletesshkey

fetch_securit
y_advice

generatesshk
eypair

importsshkey

listsshkeys

add_configcl
usterserver

configurebac
kgroundproc
esskiller

configureserv
ice

cors_proxy_g
et

create_user_
session

delete_config
clusterserver

enable_monit
or_all_enable
d_services

get_all_contact_importances

get_application_list

get_application_contact_event_importance

get_application_contact_importance

get_available_profiles

get_current_profile

get_password_strength

get_remote_access_hash

get_service_config

get_service_config_key

get_tcp4_sockets

get_tcp6_sockets

get_tweaksetting

get_udp4_sockets

get_udp6_sockets

get_update_availability

get_users_links

getdiskusage

gethostname

is_role_enabled

list_configclusterservers

loadavg

nvget

nvset

personalization_get

personalization_set

purchase_a_l
icense

reboot

remove_in_p
rogress_exim
_config_edit

restartservice

restore_conf
g_from_file

restore_conf
g_from_uplo
ad

run_cpkeyclt

send_test_po
sturl

send_test_pu
shbullet_note

servicestatus

set_applicati
on_contact_e
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set_primary_
servername

set_service_
config_key

set_tweakset
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sethostname

setminimump
asswordstren
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start_profile_
activation

system_need
s_reboot

systemloada
vg

update_conf
gclusterserver

update_conta
ct_email

verify_aim_a
ccess

verify_icq_ac
cess

verify_oscar_
access

verify_posturl
_access

verify_pushb
ullet_access

delete_ssl_v
host

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_
ogs_catalog

get_autossl_
metadata

get_autossl_
pending_que
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get_autossl_
pending_que
ue_for_doma
in

get_autossl_
pending_que
ue_for_user

get_autossl_
problems_for
_domain

get_autossl_
problems_for
_user

get_autossl_
providers

get_best_ssl
domain_for_s
ervice

install_servic
e_ssl_certific
ate

installssl

listcrts

rebuildinstall
edssldb

rebuilduserss
ldb

reset_autossl
_provider

reset_service
_ssl_certificate

set_autossl_
metadata

set_autossl_
metadata_key

set_autossl_
provider

start_autossl
_check_for_a
ll_users

start_autossl
_check_for_o
ne_user

generate_cp
anel_plugin

list_styles

load_style

remove_logo

remove_style

save_style

set_default

ticket_create
_stub_ticket

ticket_get_su
pport_agree
ment

ticket_get_su
pport_info

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

delete_accou
nt_archives

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

accept_eula

get_available
_tiers

get_current_l
ts_expiration
_status

get_lts_wexpi
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getlongterms
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installed_ver
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set_cpanel_u
pdates

set_tier

update_upda
teconf

version