

WHM API 1 Functions - modsec_deploy_settings_changes

Guide to WHM API 1

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[restore_modules_summary](#)

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[accountsummary](#)

Description

This function deploys the staged changes to your `modsec2.cpanel.conf` file and attempts to restart Apache. If the new settings fail validation, the system restores the `modsec2.cpanel.conf` file.



Note:

Call the WHM API 1 `modsec_set_setting` function to prepare your changes for the `modsec2.cpanel.conf` file.



Important:

- On systems that run EasyApache 3, the changes save to the `/usr/local/apache/conf/modsec2.cpanel.conf` file.
- On systems that run EasyApache 4 and cPanel & WHM version 56 or earlier, the changes save to the `/etc/apache2/conf.d/modsec2.cpanel.conf` file.
- On systems that run EasyApache 4 and cPanel & WHM version 58 or later, the changes save to the `/etc/apache2/conf.d/modsec/modsec2.cpanel.conf` 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.

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:

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_for_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

Examples

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

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

```
whmapil modsec_deploy_settings_changes
```

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_deploy_settings_changes"
  }
}
```

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

Note:

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

Parameters

- Some functions and parameters may require that you authenticate as the user.

[convert_addon_fetch_domain_details](#)

This function does not accept parameters.

[convert_addon_get_conversion_status](#)

Returns

This function only returns metadata.

[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](#)

• 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_assemble_config_text](#) — This function adds text to a ModSecurity™ configuration 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_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

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get_cphulk_u
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load_cphulk_
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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

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_delete_profi
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_monitor_pr
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_read_profile

remote_mysql
_read_profiles

remote_mysql
_update_pro
file

remote_mysql
_validate_pr
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ql_user

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set_postgres
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DNS)

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dumpzone

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get_nameser
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getzonerecord

has_local_au
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killdns

listmxs

listzones

lookupnsip

lookupnsips

removezoner
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resetzone

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savemxs

setresolvers

update_nam
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ea4_get_curr
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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

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server_netblo
ck_trusted

cpgreylist_list
_entries_for_
common_mai
l_provider

cpgreylist_lo
ad_common_
mail_provide
r_s_config

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ve_common_
mail_provide
r_s_config

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ail_provider

cpgreylist_un
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delete_cpgre
ylist_trusted_
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load_cpgreyli
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get_public_ip

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nat_checkip

nat_set_publi
c_ip

setsiteip

disable_dkim

disable_mail_
_sni

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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
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disable_mark
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enable_mark
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get_adjusted
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modsec_add
_rule

modsec_add
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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

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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

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acctcounts

get_public_c
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getresellerips

listacfs

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nager_resolv
e_actions

package_ma
nager_submit
_actions

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nager_upgra
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uninstall_rpm
_plugin

delete_hook

edit_hook

list_hooks

reorder_hooks

accesshash

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check_remot
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convertopens
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fetch_securit
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importsshkey

listsshkeys

add_configcl
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configurebac
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cors_proxy_g
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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
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run_cpkeyclt

send_test_po
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servicestatus

set_applicati
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set_primary_
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config_key

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start_profile_
activation

system_need
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systemloada
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update_conf
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update_conta
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verify_aim_a
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verify_icq_ac
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verify_oscar_
access

verify_posturl
_access

verify_pushb
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delete_ssl_v
host

disable_auto
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fetch_service
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fetch_ssl_cer
tificates_for_f
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fetch_ssl_vh
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fetch_vhost_
ssl_compone
nts

fetchcrtinfo

fetchsslinfo

generatessl

get_autossl_
check_sched
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get_autossl_
log

get_autossl_
ogs_catalog

get_autossl_
metadata

get_autossl_
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get_autossl_
problems_for
_domain

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get_autossl_
providers

get_best_ssl
domain_for_s
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install_servic
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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
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ticket_update
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ticket_validat
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abort_transfe
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fetch_transfe
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get_transfer_
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pause_transf
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remote_basic
_credential_c
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retrieve_tran
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_remote_ana
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start_transfer
_session

transfer_mod
ule_schema

validate_syst
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accept_eula

get_available
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_status

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installed_ver
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set_cpanel_u
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set_tier

update_upda
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version