

WHM API 1 Functions - modsec_edit_rule

Guide to WHM API 1

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Description

This function stages edits to a ModSecurity™ rule. The system does **not** save changes directly to the configuration file. Instead, it stages the changes to the configuration file's .STAGE file (for example, for the example.conf file, the system stages changes in the example.conf.STAGE 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

```
https://hostname.example.com:2087/cpsess#####/json-api/modsec_edit_rule?api.version=1&config=modsec_vendor_configs%2Fexample.conf%20&id=1234567&rule=SecAction%20%22pass%2Cid%3A1234567%22
```

```
https://hostname.example.com:2087/cpsess#####/xml-api/modsec_edit_rule?api.version=1&config=modsec_vendor_configs%2Fexample.conf%20&id=1234567&rule=SecAction%20%22pass%2Cid%3A1234567%22
```

```
whmap11 modsec_edit_rule config=modsec_vendor_configs%5C%2Fexample.conf id=1234567 rule=SecAction'\pass,id:1234567\''
```



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 `whmap11 --help` command.
- If you run CloudLinux™, you **must** use the full path of the `whmap11` command:

```
/usr/local/cpanel/bin/whmap11
```

Function information

API Version: WHM API 1
Available in: WHM 11.46+
Methods: GET, POST
Required Parameters: config, id, rule
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](#)

```

{
  "data": {
    "rule": {
      "disabled": 0,
      "rule": "SecAction 'pass,id:1234567'",
      "id": "1234567",
      "meta_msg": ""
    }
  },
  "metadata": {
    "version": 1,
    "reason": "OK",
    "result": 1,
    "command": "modsec_edit_rule"
  }
}

```

```

<result>
<data>
  <rule>
    <disabled>0</disabled>
    <rule>SecAction "pass,id:1234567"</rule>
    <id>1234567</id>
    <meta_msg/>
  </rule>
</data>
<metadata>
  <version>1</version>
  <reason>OK</reason>
  <result>1</result>
  <command>modsec_edit_rule</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 you authenticate as the root user.

Parameters

Parameter	Type	Description	Possible values	Example
config	string	Required The ModSecurity configuration file.	The path to a valid ModSecurity configuration file, relative to the <code>/usr/local/apache/conf/</code> directory.	modsec_vendor_configs/example.conf
id	integer	Required The ModSecurity rule's ID.	A positive integer.	1234567
rule	string	Required The new rule.	A valid ModSecurity rule.	SecAction "pass,id:1234567"

Returns

[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](#)

Return	Type	Description	Possible values	Example
rule	<i>hash</i>	A hash of information about the new ModSecurity rule.	This hash includes the <code>id</code> , <code>rule</code> , <code>disabled</code> , and <code>meta_msg</code> returns.	
<code>id</code>	<i>integer</i>	The ModSecurity rule's ID. The function returns this value in the <code>rule</code> hash.	A valid ModSecurity rule ID.	1234567
<code>rule</code>	<i>string</i>	The ModSecurity rule's text. The function returns this value in the <code>rule</code> hash.	A valid ModSecurity rule.	<code>SecAction "pass,id:1234567"</code>
<code>disabled</code>	<i>Boolean</i>	Whether the rule is disabled. The function returns this value in the <code>rule</code> hash.	<ul style="list-style-type: none">• 1 — Disabled.• 0 — Enabled.	0

• 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.

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_users_all_st
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backup_user
_list

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_legacy_conf
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_files

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und_pkgacct

toggle_user_
backup_state

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_analytics

cphulk_status

create_cphul
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delete_cphul
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disable_cphu
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enable_cphulk

flush_cphulk
_login_history

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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
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validate_curr
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disable_mark
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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

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php_set_defaults_to_fpm

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php_set_session_save_path

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acctcounts

get_public_c
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nager_resolv
e_actions

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nager_submit
_actions

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uninstall_rpm
_plugin

delete_hook

edit_hook

list_hooks

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create_user_
session

delete_config
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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

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get_service_config_key

get_tcp4_sockets

get_tcp6_sockets

get_tweaksetting

get_udp4_sockets

get_udp6_sockets

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get_users_links

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remove_in_p
rogress_exim
_config_edit

restartservice

restore_conf
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update_conf
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delete_ssl_v
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reset_autossl
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reset_service
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set_autossl_
metadata

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metadata_key

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provider

start_autossl
_check_for_a
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_check_for_o
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generate_cp
anel_plugin

list_styles

load_style

remove_logo

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save_style

set_default

ticket_create
_stub_ticket

ticket_get_su
pport_agree
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ticket_grant

ticket_list

ticket_remov
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_remote_ana
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set_cpanel_u
pdates

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version