

# WHM API 1 Functions - modsec\_check\_rule

## Guide to WHM API 1

[Return Data](#)

[Filter Output](#)

[Sort Output](#)

[Paginate Output](#)

[Output Columns](#)

[Call cPanel API 2 and UAPI](#)

[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\\_list\\_pending](#)

[restore\\_queue\\_state](#)

[restoreaccount](#)

[verify\\_new\\_username\\_for\\_restore](#)

[accountsummary](#)

## Description

This function checks a ModSecurity™ rule's validity.



### 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_check_rule?api.version=1&rule=SecAction%20%22pass%2Cid%3A1234567%22
```

```
https://hostname.example.com:2087/cpsess#####/xml-api/modsec_check_rule?api.version=1&rule=SecAction%20%22pass%2Cid%3A1234567%22
```

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

```
/usr/local/cpanel/bin/whmapil
```

```
{
  "metadata": {
    "reason": "OK Invalid Rule",
    "version": 1,
    "result": 1,
    "command": "modsec_check_rule"
  },
  "data": {
    "problem": "(XID 2zm4ka) The rule is invalid. Apache returned the following error: AH00526: Syntax error on line 1 of /var/tmp/15500._USR_LOCAL_CPANEL_WHOSTMGR_BIN_XML_API_.gl2t8wZ1.tmp/validate.conf:\nInvalid command 'OWASP', perhaps misspelled or defined by a module not included in the server configuration\n",
    "valid": 0
  }
}
```

## Function information

**API Version:**  
WHM API 1  
**Available in:**  
WHM 11.46+  
**Methods:**  
GET, POST  
**Required Parameters:**  
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\\_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](#)

```

<result>
  <data>
    <problem>The rule is invalid. Apache returned the
    following error: AH00526: Syntax error on line 1 of /var
    /tmp/15500._USR_LOCAL_CPANEL_WHOSTMGR_BIN_XML_API_.
    gl2t8wZ1.tmp/validate.conf:\nInvalid command 'OWASP',
    perhaps misspelled or defined by a module not included in
    the server configuration\n\n</problem>
    <valid>0</valid>
  </data>
  <metadata>
    <version>1</version>
    <reason>OK invalid rule</reason>
    <result>1</result>
    <command>modsec_check_rule</command>
  </metadata>
</result>

```



**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
rule	<i>string</i>	<b>Required</b> The rule to check.	A valid ModSecurity rule.	SecAction "pass,id:1234567"

## Returns

Return	Type	Description	Possible values	Example
problem	<i>string</i>	A string that describes any errors with the ModSecurity rule.	A string value.	The rule is invalid. Apache returned the following error: AH00526: Syntax error on line 1 of /var/tmp/15500._USR_LOCAL_CPANEL_WHOSTMGR_BIN_XML_API_.gl2t8wZ1.tmp/validate.conf:\nInvalid command 'OWASP', perhaps misspelled or defined by a module not included in the server configuration\n
rule	<i>Boolean</i>	Whether the rule is valid.	<ul style="list-style-type: none"> <li>1 — Valid rule.</li> <li>0 — Invalid rule.</li> </ul>	0

• Some functions are deprecated parameters may require that you authenticate as the 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](#)

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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.

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\_analytics

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\_keys\_exist

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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

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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

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  
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acctcounts

get\_public\_c  
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delete\_hook

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list\_hooks

reorder\_hooks

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fetch\_securit  
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importsshkey

listsshkeys

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create\_user\_  
session

delete\_config  
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or\_all\_enable  
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get\_all\_contact\_importances

get\_application\_list

get\_application\_contact\_event\_importance

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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  
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reboot

remove\_in\_p  
rogress\_exim  
\_config\_edit

restartservice

restore\_conf  
g\_from\_file

restore\_conf  
g\_from\_uplo  
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run\_cpkeyclt

send\_test\_po  
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send\_test\_pu  
shbullet\_note

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start\_profile\_  
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system\_need  
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update\_conta  
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verify\_oscar\_  
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verify\_posturl  
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delete\_ssl\_v  
host

disable\_auto  
ssl

fetch\_service  
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qdns

fetch\_ssl\_vh  
osts

fetch\_vhost\_  
ssl\_compone  
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generatessl

get\_autossl\_  
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log

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providers

get\_best\_ssl  
domain\_for\_s  
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install\_servic  
e\_ssl\_certific  
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installssl

listcrts

rebuildinstall  
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reset\_autossl  
\_provider

reset\_service  
\_ssl\_certificate

set\_autossl\_  
metadata

set\_autossl\_  
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set\_autossl\_  
provider

start\_autossl  
\_check\_for\_a  
ll\_users

start\_autossl  
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generate\_cp  
anel\_plugin

list\_styles

load\_style

remove\_logo

remove\_style

save\_style

set\_default

ticket\_create  
\_stub\_ticket

ticket\_get\_su  
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ticket\_get\_su  
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ticket\_grant

ticket\_list

ticket\_remov  
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ticket\_revoke

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ticket\_update  
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abort\_transfe  
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\_remote

available\_tra  
nsfer\_modules

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er\_session

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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  
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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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get\_lts\_wexpi  
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installed\_ver  
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set\_cpanel\_u  
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version