

# WHM API 1 Functions - modsec\_discard\_all\_rule\_changes

## 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 discards the staged ModSecurity™ rule changes, if present, for all of the configuration files.



### 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_discard_all_rule_changes?api.version=1
```

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

```
whmapil modsec_discard_all_rule_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": {
    "outcomes": [
      {
        "ok": 1,
        "config": "modsec2.user.conf"
      },
      {
        "ok": 1,
        "config": "modsec_vendor_configs/MyVendor/one.conf"
      }
    ]
  },
  "metadata": {
    "version": 1,
    "reason": "OK",
    "result": 1,
    "command": "modsec_discard_all_rule_changes"
  }
}
```

## 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](#)

```

<result>
  <data>
    <outcomes>
      <ok>1</ok>
      <config>modsec2.user.conf</config>
    </outcomes>
    <outcomes>
      <ok>1</ok>
      <config>modsec_vendor_configs/MyVendor/one.conf</config>
    </outcomes>
  </data>
  <metadata>
    <version>1</version>
    <reason>OK</reason>
    <result>1</result>
    <command>modsec_discard_all_rule_changes</command>
  </metadata>
</result>

```



**Note:**

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

## Parameters



This function does not accept parameters.

## Returns

Return	Type	Description	Possible values	Example
outcomes	<i>array of hashes</i>	An array of hashes that contains information about the discarded configuration changes.	Each hash includes the config, ok, and exception returns.	
config	<i>string</i>	The file path to the configuration file.  The function returns this value in the outcomes array.	<ul style="list-style-type: none"> <li>EasyApache 3 — A valid path, relative to the <code>/usr/local/apache/conf/</code> directory.</li> <li>EasyApache 4 and cPanel &amp; WHM version 56 or earlier — A valid path, relative to the <code>/etc/apache2/conf.d/</code> directory.</li> <li>EasyApache 4 and cPanel &amp; WHM version 58 or later — A valid path, relative to the <code>/etc/apache2/conf.d/modsec/</code> directory.</li> </ul>	<code>modsec_vendor_configs/MyVendor/one.conf</code>

• Some functions are parameter setters, 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](#)

ok	<i>Boolean</i>	<p>Whether the system successfully discarded the rule change.</p> <p>The function returns this value in the <code>outcomes</code> array.</p>	<ul style="list-style-type: none"> <li>1 — Success.</li> <li>0 — Failure.</li> </ul>	1
exception	<i>string</i>	<p>The error message for a failed discard.</p> <p>The function returns this value in the <code>outcomes</code> array.</p> <div style="border: 1px solid #ccc; padding: 5px; margin-top: 10px;"> <p> <b>Note:</b></p> <p>The function <b>only</b> returns this value if an error occurs.</p> </div>	The reason for failure.	<p>The system could not remove the file <code>"/usr/local/apache/conf/modsec_vendor_configs/MyVendor/one.conf.STAGE"</code>: <code>Invalid argument\n</code></p>
failed	<i>array</i>	<p>The list of configuration files that contain changes that the system could not discard.</p> <div style="border: 1px solid #ccc; padding: 5px; margin-top: 10px;"> <p> <b>Note:</b></p> <p>The function <b>only</b> returns this value if an error occurs.</p> </div>	A list of one or more configuration files.	<code>modsec_vendor_configs/MyVendor/one.conf</code>

• You 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\\_clone\\_rule](#) — This function copies a ModSecurity™ rule with a new rule ID.
- [WHM API 1 Functions - modsec\\_deploy\\_all\\_rule\\_changes](#) — This function deploys the staged changes for all of the ModSecurity™ configuration files into the live configuration files.

backup\_skip  
\_users\_all\_st  
atus

backup\_user  
\_list

convert\_and\_  
migrate\_from  
\_legacy\_conf  
ig

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  
rutes

get\_cphulk\_e  
xcessive\_br  
utes

get\_cphulk\_f  
ailed\_logins

get\_cphulk\_u  
ser\_brutes

load\_cphulk\_  
config

read\_cphulk\_  
records

save\_cphulk\_  
\_config

set\_cphulk\_c  
onfig\_key

background\_  
mysql\_upgra  
de\_status

current\_mysql  
\_version

installable\_m  
ysql\_versions

latest\_availa  
ble\_mysql\_v  
ersion

list\_database  
\_users

list\_databases

list\_mysql\_da  
tabases\_and  
\_users

remote\_mysql  
\_create\_profi  
le

remote\_mysql  
\_create\_profi  
le\_via\_ssh

remote\_mysql  
\_delete\_profi  
le

remote\_mysql  
\_initiate\_prof  
ile\_activation

remote\_mysql  
\_monitor\_pr  
ofile\_activation

remote\_mysql  
\_read\_profile

remote\_mysql  
\_read\_profiles

remote\_mysql  
\_update\_pro  
file

remote\_mysql  
\_validate\_pr  
ofile

rename\_mys  
ql\_database

rename\_mys  
ql\_user

rename\_post  
gresql\_datab  
ase

rename\_post  
gresql\_user

set\_local\_my  
sql\_root\_pas  
sword

set\_mysql\_p  
assword

set\_postgres  
ql\_password

start\_backgro  
und\_mysql\_u  
pgrade

adddns

addzonereco  
rd

addzonereco  
rd (Reverse  
DNS)

create\_parke  
d\_domain\_fo  
r\_user

dumpzone

editzonerecord

get\_nameser  
ver\_config

getzonerecord

has\_local\_au  
thority

killdns

listmxs

listzones

lookupnsip

lookupnsips

removezoner  
ecord

resetzone

resolvedomai  
nname

savemxs

setresolvers

update\_nam  
eservers\_con  
fig

ea4\_get\_curr  
ently\_installe  
d\_packages

ea4\_get\_ea\_  
pkgs\_state

ea4\_list\_profi  
les

ea4\_metainfo

ea4\_migration

ea4\_pre\_mig  
rate\_check

ea4\_recomm  
endations

ea4\_save\_pr  
ofile

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  
atus

cpgreylist\_tru  
st\_entries\_for  
\_common\_m  
ail\_provider

cpgreylist\_un  
trust\_entries\_  
for\_common  
\_mail\_provid  
er

create\_cpgre  
ylist\_trusted\_  
host

delete\_cpgre  
ylist\_trusted\_  
host

disable\_cpgr  
eylist

enable\_cpgr  
eylist

load\_cpgreyli  
st\_config

read\_cpgreyli  
st\_deferred\_  
entries

read\_cpgreyli  
st\_trusted\_ho  
st

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  
ration\_group

remove\_integ  
ration\_link

update\_integ  
ration\_link\_to  
ken

addips

delip

get\_public\_ip

get\_shared\_ip

ipv6\_disable\_  
\_account

ipv6\_enable\_  
account

ipv6\_range\_a  
dd

ipv6\_range\_e  
dit

ipv6\_range\_li  
st

ipv6\_range\_r  
emove

ipv6\_range\_u  
sage

listips

nat\_checkip

nat\_set\_publi  
c\_ip

setsiteip

disable\_dkim

disable\_mail\_  
\_sni

emailtrack\_s  
earch

emailtrack\_st  
ats

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  
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\_ass  
emble\_config  
\_text

modsec\_batc  
h\_settings

modsec\_che  
ck\_rule

modsec\_clon  
e\_rule

modsec\_depl  
oy\_all\_rule\_c  
hanges

modsec\_depl  
oy\_rule\_chan  
ges

modsec\_depl  
oy\_settings\_  
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  
ersion

php\_set\_vho  
st\_versions

acctcounts

get\_public\_c  
ontact

getresellerips

listacfs

listresellers

resellerstats

saveacflist

set\_public\_c  
ontact

setacfs

setresellerips

setresellerlim  
its

setresellerma  
inip

setresellerna  
meservers

setresellerpa  
ckagelimit

setupreseller

suspendresel  
ler

terminateres  
eller

unsetupresell  
er

unsuspendre  
seller

delete\_rpm\_v  
ersion

edit\_rpm\_ver  
sion

get\_rpm\_ver  
sion\_data

install\_rpm\_p  
lugin

list\_rpms

package\_ma  
nager\_fixcac  
he

package\_ma  
nager\_get\_b  
uild\_log

package\_ma  
nager\_get\_p  
ackage\_info

package\_ma  
nager\_is\_per  
forming\_actio  
ns

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  
vent\_importa  
nce

set\_applicati  
on\_contact\_i  
mportance

set\_primary\_  
servername

set\_service\_  
config\_key

set\_tweakset  
ting

sethostname

setminimump  
asswordstren  
gths

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  
ue

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  
re

getlongterms  
upport

installed\_ver  
sions

set\_cpanel\_u  
pdates

set\_tier

update\_upda  
teconf

version