

# ModSecurity Tools

(WHM >> Home >> Security Center >> ModSecurity™ Tools)

## Overview

The *ModSecurity™ Tools* interface allows you to install and manage ModSecurity rules.

- Click *Rules List* to view the *Rules List* section of the interface.
- In the *Rules List* section of the interface, click *Hits List* to return to the *Hits List* section of the interface.

### Important:

You **must** install the ModSecurity Apache module in order to use this interface.

- If your system runs EasyApache 3, use WHM's *EasyApache 3* interface (WHM >> Home >> Software >> EasyApache 3) to install the ModSecurity Apache module.
- If your system runs EasyApache 4, use WHM's *EasyApache 4* interface (WHM >> Home >> Software >> EasyApache 4) or the `yum install ea-apache24-mod_security2` command to install the ModSecurity Apache module.

### Note:

If your system runs EasyApache 3, the system loads the `/usr/local/apache/conf/modsec2.user.conf` file as an include. EasyApache 4 loads the `/etc/apache2/conf.d/modsec/modsec2.cpanel.conf` and `/etc/apache2/conf.d/modsec/modsec2.user.conf` files as an include.

- This file's rules may still affect the way in which ModSecurity functions, which may result in false positives on your system.
- If you see many false positives, check this file for custom rules.

## Hits List

Use the *Hits List* section of the interface to view your server's history of rule events. To edit or disable the ModSecurity rule that generated a hit, click *Rule ID*.

## Report a rule

If you find a problem with a vendor's rule, perform the following steps to report the issue to the rule's vendor:

1. Locate the hit that the rule generated in the *Hits List* and click *More*.
2. Click *Report this hit*.

### Note:

This option does **not** appear if the vendor does not accept reports.

3. Enter your email address, the reason for the report, and any additional comments for the vendor.
4. Click *Review Report*.
5. Verify the information in your report and click *Submit*.

## Rules List

### Important:

To update the Apache server with your staged changes, click *Deploy and Restart Apache* at the top or bottom of the interface.

### Note:

For more information about how to create your own ModSecurity rules, read [GitHub's ModSecurity Reference Manual](#) documentation.

## Filter rules

To filter the list of rules, click the *Vendor* button in the right corner of the table. Click the vendors that you wish to display in the *Vendors* menu and click *Apply*. To deselect a vendor, hold the *Control* key while you click the vendor.

## Add a rule

To add a rule, perform the following steps:

1. Click *Add Rule*. A new interface will display.
2. Enter the rule in the *Rule Text* text box.
3. To enable the rule when you deploy the configuration, select the *Enable Rule* checkbox.
4. To deploy the rule and restart Apache immediately, select the *Deploy and Restart Apache* checkbox.
5. Click *Save*.

## Edit a rule

To edit a rule, perform the following steps:

1. Click *Edit* for the rule that you wish to update.
2. Make the desired changes in the *Rule Text* text box.
3. Click *Save*.

**Note:**

You **cannot** edit vendor rules. To remove all of a vendor's rules from your system, use the [ModSecurity Vendors](#) interface (*WHM >> Home >> Security Center >> ModSecurity™ Vendors*).

## Copy a rule

To copy a rule, perform the following steps:

1. Click *Copy* for the rule that you wish to update.
2. Make any desired changes in the *Rule Text* text box.
3. Click *Save*.

## Edit all rules

To edit all of your rules, perform the following steps.

1. Click *Edit Rules*.
2. Enter the desired changes in the *Rules* text box.
3. Click *Save*.

**Remember:**

You **cannot** edit vendor rules. To remove all of a vendor's rules from your system, use the [ModSecurity Vendors](#) interface (*WHM >> Home >> Security Center >> ModSecurity™ Vendors*).

## Enable or disable a rule

To enable or disable a ModSecurity rule, click *Enable* or *Disable* in that rule's row.

## Delete a rule

To delete a rule, perform the following steps:

1. Click *Delete* for the rule that you wish to delete.
2. Click *Delete* to confirm your action.

**Note:**

You **cannot** delete vendor rules. To remove all of a vendor's rules from your system, use the [ModSecurity Vendors](#) interface (*WHM >> Home >> Security Center >> ModSecurity™ Vendors*).

## ModSecurity database script

To create the ModSecurity database manually, run the following command:

```
/usr/local/cpanel/scripts/setup_modsec_db
```

## Additional documentation

Suggested documentation [For cPanel users](#) [For WHM users](#) [For developers](#)

- [ModSecurity Tools](#)
- [ModSecurity Vendors](#)
- [ModSecurity Configuration](#)
- [Apache mod\\_userdir Tweak](#)
- [cPHulk Brute Force Protection](#)
  
- [ModSecurity](#)
- [SSL TLS](#)
- [SSH Access](#)
- [Virus Scanner](#)
- [SSL TLS Wizard](#)
  
- [ModSecurity Tools](#)
- [ModSecurity Vendors](#)
- [The ModSecurity Guardian Log](#)
- [OWASP ModSecurity CRS](#)
- [How to Create a Report Receiver API for the ModSecurity Rule Reports](#)
  
- [WHM API 1 Functions - modsec\\_get\\_vendors](#)
- [WHM API 1 Functions - modsec\\_add\\_vendor](#)
- [WHM API 1 Functions - modsec\\_remove\\_vendor](#)
- [WHM API 1 Functions - modsec\\_preview\\_vendor](#)
- [WHM API 1 Functions - modsec\\_enable\\_vendor](#)