requestclassifier.ini [ClassifierSettings]

The settings of [ClassifierSettings] in requestclassifier.ini: Classification, LogFile, RuleSets, Listeners, CompileCache

Source file: `doc/eng-us/examples/ini-settings/requestclassifier/ClassifierSettings.md` Last changed 2026-11-04
https://doc.exponential.earth/exphelp/viewer/examples/ini-settings/requestclassifier/ClassifierSettings.md

The block `[ClassifierSettings]` of `settings/requestclassifier.ini`, with 5 setting(s).

Never edit `settings/requestclassifier.ini` itself: an update replaces it. Put the settings you change in an override, which wins over the shipped file:

- `settings/override/requestclassifier.ini.append.php` for every siteaccess,
- `settings/siteaccess/<siteaccess>/requestclassifier.ini.append.php` for one siteaccess,
- `extension/<extension>/settings/requestclassifier.ini.append.php` in an extension (read when the extension is active).

Classification

> enabled | disabled. With disabled no request is classified: probes are logged as the not-found answers they
> are (404.log) and security.log stays empty.

Default: `enabled`.

INI

```ini
<?php /* #?ini charset="utf-8"?
# settings/override/requestclassifier.ini.append.php
[ClassifierSettings]
Classification=enabled
*/ ?>
```

LogFile

> The file the lines are written to, in the log directory of the installation (var/log, or var/<site>/log with
> site.ini [FileSettings] UseGlobalLogDir=disabled). It is rotated like the other logs (site.ini [FileSettings]
> LogMaxSize, LogMaxCount).

Default: `security.log`.

INI

```
<?php /* #?ini charset="utf-8"?
# settings/override/requestclassifier.ini.append.php
[ClassifierSettings]
LogFile=security.log
*/ ?>
```

RuleSets

> The rule sets, in the order they are tried; the first one that has a verdict wins, so a request is in one line
> with one rule. Each entry is an identifier; its class and its settings are in the group [RuleSet-<identifier>]
> below. Built in:
> probes category probe: things an Exponential site does not have and scanners look for
> traversal category traversal: ../ and its encodings, null bytes
> injection category injection: SQL, command, template and script injection in the URL
> scanner category scanner: the user agents of known attack tools
> threshold category threshold: more than [ThresholdSettings] Max404PerMinute not-found answers a minute
> An extension adds its own set with RuleSets[]=<identifier> and a group [RuleSet-<identifier>] with
> Class=<its class>, a class that implements expRequestRuleSetInterface (or extends expRequestPatternRuleSet) and
> is in the extension's autoload. A class that does not exist or does not implement the interface is skipped with
> a warning in the debug output. Leave a built-in set out of the list to switch it off.

Default: a list of 5: `probes`, `traversal`, `injection`, `scanner`, `threshold`.

INI

```
<?php /* #?ini charset="utf-8"?
# settings/override/requestclassifier.ini.append.php
[ClassifierSettings]
# an empty "RuleSets[]" first replaces the shipped list; without it the items are added
RuleSets[]
RuleSets[]=probes
RuleSets[]=traversal
RuleSets[]=injection
RuleSets[]=scanner
RuleSets[]=threshold
*/ ?>
```

Listeners

> Classes told about every verdict after its line is written: classes that implement expRequestVerdictListenerInterface (onVerdict($verdict, $context)), for example to feed a ban list or a
> notification. None by default. A listener runs at the end of the request; one that fails is skipped.

Default: an empty list.

INI

```
<?php /* #?ini charset="utf-8"?
# settings/override/requestclassifier.ini.append.php
[ClassifierSettings]
# an empty "Listeners[]" first replaces the shipped list; without it the items are added
Listeners[]
*/ ?>
```

CompileCache

> enabled | disabled. With enabled the compiled patterns are kept in a PHP file in the cache directory (and in
> APCu where it is available), so a worker that starts fresh (Velocity resets its state between requests) does not
> compile them again. With disabled they are compiled once per request.

Default: `enabled`.

INI

```
<?php /* #?ini charset="utf-8"?
# settings/override/requestclassifier.ini.append.php
[ClassifierSettings]
CompileCache=enabled
*/ ?>
```

Related

- All blocks of requestclassifier.ini
- All INI files
- The settings page

Generated by `./console exp:help:examples` from `settings/requestclassifier.ini`. Do not edit this page: change the source and generate again (how). Free documentation: GFDL 1.3 or later.

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