Gods Web

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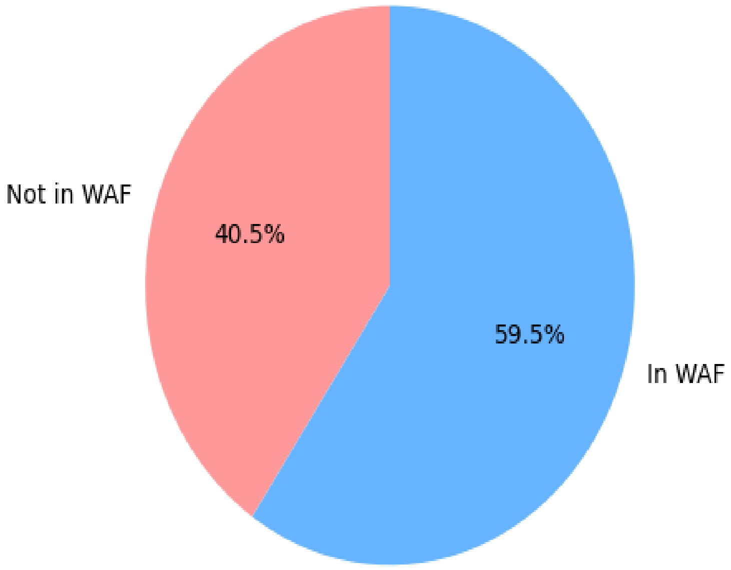
This report presents the results of God's Web, which is designed to evaluate the configuration of an OWASP Web Application Firewall (WAF) against the OWASP Core Rule Set (CRS) best practices. The tool assesses whether each CRS rule is present in the WAF configuration and ensures that the security levels of each rule cannot be lower than the CRS guidelines. The results of the audit tool are presented in the following sections, providing key findings and recommendations for improving the WAF configuration to align with CRS best practices.

Overview

The security level score of the current WAF rules are compared to CRS guideline, the closer the score is to the guideline, the more closely the security level aligns with best practices.
Obtained Score: 1405 / 2026

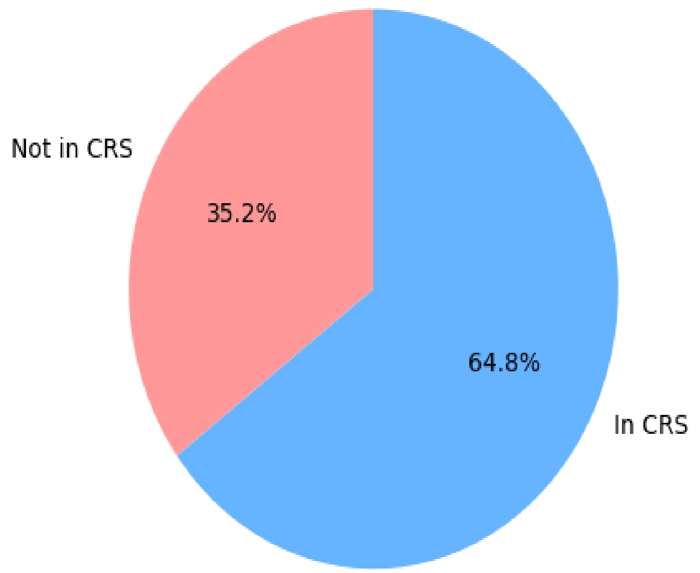
Compliance

The following pie chart shows the distribution of WAF rules that are included in the guideline but are not present in the WAF, expressed as a percentage of the total number of WAF rules.

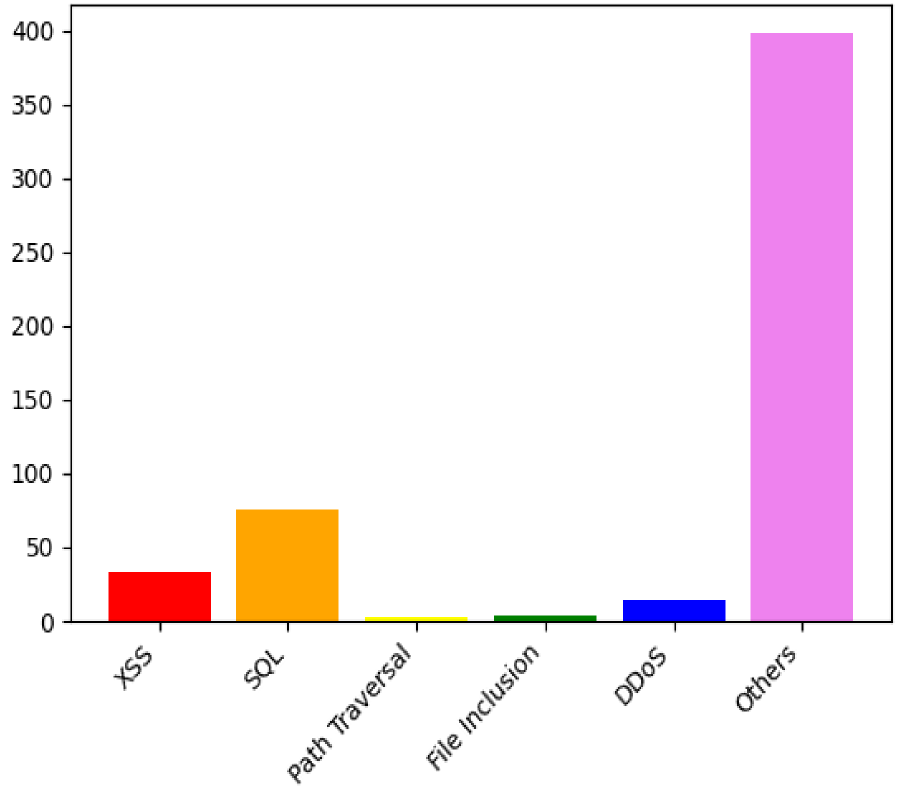


WAF Breakdown

The following pie chart shows the distribution of WAF rules that are included in the ModSecurity Core Rule Set (CRS) and custom rules, expressed as a percentage of the total number of WAF rules.



The following bar graph shows the distribution of WAF rules enabled on the WAF for the most common types of web attacks, as reported by TrustNet



Rule Header

The following rules have different request_header

<table>
<tr><th>Rule ID:None</th></tr>
<tr><td><b>Description</b></td></tr>
<tr><td>None</td></tr>
<tr><td><b>Configured Header</b></td></tr>
<tr><td>Filename scanners-headers.data</td></tr>
<tr><td><b>Recommended Header</b></td></tr>
<tr><td>SecAction id9001100</td></tr>
</table>

<table>
<tr><th>Rule ID:933100</th></tr>
<tr><td><b>Description</b></td></tr>
<tr><td>PHP Injection Attack: PHP Open Tag Found</td></tr>
<tr><td><b>Configured Header</b></td></tr>
<tr><td>SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|XML:/* @rx (?:<\?(?:[^x]|x[^m]|xm[^l]|xml[^\s]|xml$|$)|<\?php|\[(?:/|\x5c)?php\])</td></tr>
<tr><td><b>Recommended Header</b></td></tr>
<tr><td>SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|XML:/* @rx (?:<\?(?:[^x]|x[^m]|xm[^l]|xml[^\s]|xml$|$)|<\?php|\[(?:\/|\\\\)?php\])</td></tr>
</table>

<table>
<tr><th>Rule ID:933110</th></tr>
<tr><td><b>Description</b></td></tr>
<tr><td>PHP Injection Attack: PHP Script File Upload Found</td></tr>
<tr><td><b>Configured Header</b></td></tr>
<tr><td>SecRule FILES|REQUEST_HEADERSX-Filename|REQUEST_HEADERS:X_Filename|REQUEST_HEADERS:X.Filename|REQUEST_HEADERS:X-File-Name @rx .*\.ph(?:p\d*|tml|ar|ps|t|pt)\.*$</td></tr>
</table>

<table>
<tr><th>Recommended Header</th></tr>
<tr><td>SecRule FILES|REQUEST_HEADERSX-Filename|REQUEST_HEADERS:X_Filename|REQUEST_HEADERS:X.Filename|REQUEST_HEADERS:X-File-Name @rx .*\.(?:php\d*|phtml)\.*$</td></tr>
</table>

<table>
<tr><th>Rule ID:933200</th></tr>
<tr><td><b>Description</b></td></tr>
<tr><td>PHP Injection Attack: Wrapper scheme detected</td></tr>
<tr><td><b>Configured Header</b></td></tr>
<tr><td>SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|XML:/* @rx (?:bzip2|expect|glob|ogg|(?:ph|r)ar|ssh2(?:.(?:s(?:hell|(?:ft|c)p)|exec|tunnel))?|z(?:ip|lib)):// </td></tr>
<tr><td><b>Recommended Header</b></td></tr>
<tr><td>SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|XML:/* @rx (?i:zlib|glob|phar|ssh2|rar|ogg|expect|zip):// </td></tr>
</table>

<table>
<tr><th>Rule ID:933160</th></tr>
<tr><td><b>Description</b></td></tr>
<tr><td>PHP Injection Attack: High-Risk PHP Function Call Found</td></tr>
<tr><td><b>Configured Header</b></td></tr>
<tr><td>SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|REQUEST_FILENAME|ARGS_NAMES|ARGS|XML:/* @rx (?i)\b\(?[\]*(?:a(?:rray_(?:(?:diff|intersect)_u(?:assoc|key)|filter|map|reduce|u(?:diff|intersect)(?:_u?assoc)?)|ssert(?:_options)?)|b(?:(?:ase64_en|son_(?:de|en))code|zopen)|c(?:hr|onvert_uuencode|reate_function|url_(?:exec|file_create|init))|(?:debug_backtrac|json_(?:de|en)cod|tmpfil)e|e(?:rror_reporting|scapeshell(?:arg|cmd)|val|x(?:ec|if_(?:imagetype|read_data|t(?:agname|humbnail))))|f(?:i(?:le(?:(?:_exist|perm)s|(?:[acm]tim|inod)e|group)?|nfo_open)|open|(?:pu|unction_exis)ts|tp_(?:connec|ge|nb_(?:ge|pu)|pu)t|write)|g(?:et(?:_(?:c(?:fg_va|urrent_use)r|meta_tags)|(?:cw|lastmo)d|env|imagesize|my(</td></tr>
</table>

```
?:[gpu]id|inode))|lob|z(?:compress|(?:(?:defla|wri)t|encod|fil)e|open|read))|h(?:(?:ash_(?:(?:hmac|update)_)?|ighlight_)file|e(?:ader_register_callback|x2bin)|tml(?:_entity_decode|entities|specialchars(?:_decode)?))|i(?:mage(?:2?wbmp|createfrom(?:gif|(?:jpe|pn)g|wbmp|x[bp]m)|g(?:d2?|if)|(?:jpe|pn)g|xbm)|ni_(?:get(?:_all)?|set)|ptcembed|s_(?:dir|(?:(?:execut|read|write?)ab|fi)le)|terator_apply)|m(?:b_(?:ereg(?:_(?:match|replace(?:_callback)?)|i(?:_replace)?)?|parse_str)|(?:d5|ove_uploaded)_file|ethod_exists|kdir|ysql_query)|o(?:b_(?:clean|end_(?:clean|flush)|flush|get_(?:c(?:lean|ontents)|flush)|start)|dbc_(?:connect|exec(?:ute)?|result(?:_all)?)|pendir)|p(?:a(?:rse_(?:ini_file|str)|ssthru)|g_(?:connect|(?:execut|prepar)e|query)|hp(?:_(?:strip_whitespac|unam)e|info|version)|o(?:pen|six_(?:get(?:(?:e[gu]|g)id|login|pwnam)|kill|mk(?:fifo|nod)|ttyname))|r(?:eg_(?:match(?:_all)?|replace(?:_callback(?:_array)?)?|split)|int_r|oc_(?:(?:clos|nic|terminat)e|get_status|open))|utenv)|r(?:awurl(?:de|en)code|e(?:ad(?:_exif_data|dir|(?:gz)?file)|(?:gister_(?:shutdown|tick)|name)_function)|unkit_(?:constant_(?:add|redefine)|(?:function|method)_(?:add|copy|re(?:defin|nam)e)))|s(?:e(?:ssion_s(?:et_save_handler|tart)|t(?:_(?:e(?:rror|xception)_handler|include_path|magic_quotes_runtime)|defaultstub))|h(?:a1_fil|ow_sourc)e|implexml_load_(?:file|string)|ocket_c(?:onnect|reate)|pl_autoload_register|qlite_(?:(?:(?:array|single|unbuffered)_)?query|create_(?:aggregate|function)|exec|p?open)|tr(?:eam_(?:context_create|socket_client)|ipc?slashes|rev)|ystem)|u(?:[ak]?sort|n(?:pack|serialize)|rl(?:de|en)code)|var_dump)(?:/(?:\*.*\*/|/.*)|#.*[\s\v]|\)*[\]*\)?[\s\v]*\(.*\)
```

Recommended Header

```
SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|REQUEST_FILENAME|ARGS_NAMES|ARGS|XML:/* @rx (?i)\b(?:s(?:e(?:t(?:_(?:e(?:xception|rror)_handler|magic_quotes_runtime|include_path)|defaultstub)|ssion_s(?:et_save_handler|tart))|qlite_(?:(?:(?:unbuffered|single|array)_)?query|create_(?:aggregate|function)|p?open|exec)|tr(?:eam_(?:context_create|socket_client)|ipc?slashes|rev)|implexml_load_(?:string|file)|ocket_c(?:onnect|reate)|h(?:ow_sourc|a1_fil)e|pl_autoload_register|ystem)|p(?:r(?:eg_(?:replace(?:_callback(?:_array)?)?|match(?:_all)?|split)|oc_(?:(?:terminat|clos|nic)e|get_status|open)|int_r)|o(?:six_(?:get(?:(?:e[gu]|g)id|login|pwnam)|mk(?:fifo|nod)|ttyname|kill)|pen)|hp(?:_(?:strip_whitespac|unam)e|version|info)|g_(?:(?:execut|prepar)e|connect|query)|a(?:rse_(?:ini_file|str)|ssthru)|utenv)|r(?:unkit_(?:function_(?:re(?:defin|nam)e|copy|add)|method_(?:re(?:defin|nam)e|copy|add)|constant_(?:redefine|add))|e(?:(?:gister_(?:shutdown|tick)|name)_function|ad(?:(?:gz)?file|_exif_data|dir))|awurl(?:de|en)code)|i(?:mage(?:createfrom(?:(?:jpe|pn)g|x[bp]m|wbmp|gif)|(?:jpe|pn)g|g(?:d2?|if)|2?wbmp|
xbm)|s_(?:(?:(?:execut|write?|read)ab|fi)le|dir)|ni_(?:get(?:_all)?|set)|terator_apply|ptcembed)|g(?:et(?:_(?:c(?:urrent_use|fg_va)r|meta_tags)|my(?:[gpu]id|inode)|(?:lastmo|cw)d|imagesize|env)|z(?:(?:(?:defla|wri)t|encod|fil)e|compress|open|read)|lob)|a(?:rray_(?:u(?:intersect(?:_u?assoc)?|diff(?:_u?assoc)?)|intersect_u(?:assoc|key)|diff_u(?:assoc|key)|filter|reduce|map)|ssert(?:_options)?)|h(?:tml(?:specialchars(?:_decode)?|_entity_decode|entities)|(?:ash(?:_(?:update|hmac))?|ighlight)_file|e(?:ader_register_callback|x2bin))|f(?:i(?:le(?:(?:[acm]tim|inod)e|(?:_exist|perm)s|group)?|nfo_open)|tp_(?:nb_(?:ge|pu)|connec|ge|pu)t|(?:unction_exis|pu)ts|write|open)|o(?:b_(?:get_(?:c(?:ontents|lean)|flush)|end_(?:clean|flush)|clean|flush|start)|dbc_(?:result(?:_all)?|exec(?:ute)?|connect)|pendir)|m(?:b_(?:ereg(?:_(?:replace(?:_callback)?|match)|i(?:_replace)?)?|parse_str)|(?:ove_uploaded|d5)_file|ethod_exists|ysql_query|kdir)|e(?:x(?:if_(?:t(?:humbnail|agname)|imagetype|read_data)|ec)|scapeshell(?:arg|cmd)|rror_reporting|val)|c(?:url_(?:file_create|exec|init)|onvert_uuencode|reate_function|hr)|u(?:n(?:serialize|pack)|rl(?:de|en)code|[ak]?sort)|(?:json_(?:de|en)cod|debug_backtrac|tmpfil)e|b(?:(?:son_(?:de|en)|ase64_en)code|zopen)|var_dump)(?:\s|/\*.*\*/|//.*|#.*)*\(.*\)
```

Rule ID:933210

Description

PHP Injection Attack: Variable Function Call Found

Configured Header

```
SecRule
REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|REQUEST_FILENAME|ARGS_NAMES|ARGS|XML:/* @rx
(?:\((?:.+\)(?:[\][\-0-9A-Z_a-z]+[\])?\(.+|[^\)]*string[^\)]*\)[\s\v\\--\.0-9A-\[\]_a-\{\}]+\([^\)]*)|(?:\[[0-9]+\]|\{[0-9]+\}|\$[^\(-\)\.-/;\x5c]+|[\][\-0-9A-Z\x5c_a-z]+[\])\(.+)\);
```

Recommended Header

```
SecRule
REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|REQUEST_FILENAME|ARGS_NAMES|ARGS|XML:/* @rx
(?:(?:\(|\[)[a-zA-Z0-9_.$\\[\](){}/*\s]+(?:\)|\])[0-9_.$\\[\](){}/*\s]*\([a-zA-Z0-9_.$\\[\](){}/*\s].*\)|\([\s]*string[\s]*\)[\s]*(?:\|))
```

Rule ID:933131

<table>
<tr><td><b>Description</b></td></tr>
<tr><td>PHP Injection Attack: Variables Found</td></tr>
<tr><td><b>Configured Header</b></td></tr>
<tr><td>SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|XML:/* @rx AUTH_TYPE|HTTP_(?:ACCEPT(?:_(?:CHARSET|ENCODING|LANGUAGE))?|CONNECTION|(?:HOS|USER_AGEN)T|KEEP_ALIVE|(?:REFERE|X_FORWARDED_FO)R)|ORIG_PATH_INFO|PATH_(?:INFO|TRANSLATED)|QUERY_STRING|REQUEST_URI</td></tr>
<tr><td><b>Recommended Header</b></td></tr>
<tr><td>SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|XML:/* @rx (?:HTTP_(?:ACCEPT(?:_(?:ENCODING|LANGUAGE|CHARSET))?|(?:X_FORWARDED_FO|REFERE)R|(?:USER_AGEN|HOS)T|CONNECTION|KEEP_ALIVE)|PATH_(?:TRANSLATED|INFO)|ORIG_PATH_INFO|QUERY_STRING|REQUEST_URI|AUTH_TYPE)</td></tr>
</table>

<table>
<tr><th>Rule ID:933161</th></tr>
<tr><td><b>Description</b></td></tr>
<tr><td>PHP Injection Attack: Low-Value PHP Function Call Found</td></tr>
<tr><td><b>Configured Header</b></td></tr>
<tr><td>SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|REQUEST_FILENAME|ARGS_NAMES|ARGS|XML:/* @rx (?i)\b(?:a(?:bs|cosh?|r(?:ray|sort)|s(?:inh?|(?:o|se)rt)|tan[2h]?)|b(?:asename|indec)|c(?:eil|h(?:dir|eckdate|mod|o(?:p|wn)|root)|lose(?:dir|log)|o(?:(?:mpac|(?:nsta|u)n)t|py|sh?)|(?:ryp|urren)t)|d(?:ate|e(?:coct|fined?)|i(?:(?:skfreespac)?e|r(?:name)?)|(?:oubleva)?l)|e(?:a(?:ch|ster_da(?:te|ys))|cho|mpty|nd|r(?:egi?|ror_log)|x(?:(?:i|trac)t|p(?:lode)?))|f(?:close|eof|gets|ile(?:owner|pro|(?:siz|typ)e)|l(?:o(?:atval|ck|or)|ush)|(?:mo|rea)d|stat|t(?:ell|ok)|unction)|g(?:et(?:date|t(?:ext|ype))|mdate)|h(?:ash|e(?:ader(?:s_(?:lis|sen)t)?|brev)|ypot)|i(?:conv|(?:dat|mplod)e|n(?:(?:clud|vok)e|t(?:div|val))|s(?:_(?:a(?:rray)?|bool|(?:calla|dou)ble|f(?:inite|loat)|in(?:finite|t(?:eger)?)|l(?:ink|ong)|n(?:an|u(?:ll|meric))|object|re(?:al|sourc</td></tr>
</table>

<table>
<tr><td>e)|s(?:calar|tring))|set))|join|k(?:ey|sort)|l(?:(?:cfirs|sta)t|evenshtein|i(?:nk(?:info)?|st)|o(?:caltime|g(?:1[0p])?)|trim)|m(?:a(?:i[ln]|x)|b(?:ereg|split)|etaphone|hash|i(?:crotime|n)|y?sql)|n(?:atsor|ex)t|o(?:ctdec|penlog|rd)|p(?:a(?:ck|thinfo)|close|i|o[sw]|r(?:ev|intf?))|quotemeta|r(?:an(?:d|ge)|e(?:adlin[ek]|(?:cod|nam|quir)e|set|wind)|ound|sort|trim)|s(?:(?:candi|ubst)r|(?:e(?:rializ|ttyp)|huffl)e|i(?:milar_text|nh?|zeof)|leep|o(?:rt|undex)|p(?:liti?|rintf)|qrt|rand|t(?:at|r(?:coll|(?:le|sp)n))|y(?:mlink|slog))|t(?:a(?:int|nh?)|e(?:mpnam|xtdomain)|ime|ouch|rim)|u(?:cfirst|mask|n(?:iqid|link|(?:se|tain)t)|s(?:leep|ort))|virtual|wordwrap)(?:[\s\v]|/(?:\*.**/|/.*)|#.*)*\(.*\)</td></tr>
<tr><td><b>Recommended Header</b></td></tr>
<tr><td>SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|REQUEST_FILENAME|ARGS_NAMES|ARGS|XML:/* @rx (?i)\b(?:i(?:s(?:_(?:in(?:t(?:eger)?|finite)|n(?:u(?:meric|ll)|an)|(?:calla|dou)ble|s(?:calar|tring)|f(?:inite|loat)|re(?:source|al)|l(?:ink|ong)|a(?:rray)?|object|bool)|set)|n(?:(?:clud|vok)e|t(?:div|val))|(?:mplod|dat)e|conv)|s(?:t(?:r(?:(?:le|sp)n|coll)|at)|(?:e(?:rializ|ttyp)|huffl)e|i(?:milar_text|zeof|nh?)|p(?:liti?|rintf)|(?:candi|ubst)r|y(?:mlink|slog)|o(?:undex|rt)|leep|rand|qrt)|f(?:ile(?:(?:siz|typ)e|owner|pro)|l(?:o(?:atval|ck|or)|ush)|(?:rea|mo)d|t(?:ell|ok)|unction|close|gets|stat|eof)|c(?:h(?:o(?:wn|p)|eckdate|root|dir|mod)|o(?:(?:(?:nsta|u)n|mpac)t|sh?|py)|lose(?:dir|log)|(?:urren|ryp)t|eil)|e(?:x(?:(?:trac|i)t|p(?:lode)?)|a(?:ster_da(?:te|ys)|ch)|r(?:ror_log|egi?)|mpty|cho|nd)|l(?:o(?:g(?:1[0p])?|caltime)|i(?:nk(?:info)?|st)|(?:cfirs|sta)t|evenshtein|trim)|d(?:i(?:(?:skfreespac)?e|r(?:name)?)|e(?:fined?|coct)|(?:oubleva)?l|ate)|r(?:e(?:(?:quir|cod|nam)e|adlin[ek]|wind|set)|an(?:ge|d)|ound|sort|trim)|m(?:b(?:split|ereg)|i(?:crotime|n)|a(?:i[ln]|x)|etaphone|y?sql|hash)|u(?:n(?:(?:tain|se)t|iqid|link)|s(?:leep|ort)|cfirst|mask)|a(?:s(?:(?:se|o)rt|inh?)|r(?:sort|ray)|tan[2h]?|cosh?|bs)|t(?:e(?:xtdomain|mpnam)|a(?:int|nh?)|ouch|ime|rim)|h(?:e(?:ader(?:s_(?:lis|sen)t)?|brev)|ypot|ash)|p(?:a(?:thinfo|ck)|r(?:intf?|ev)|close|o[sw]|i)|g(?:et(?:t(?:ext|ype)|date)|mdate)|o(?:penlog|ctdec|rd)|b(?:asename|indec)|n(?:atsor|ex)t|k(?:sort|ey)|quotemeta|wordwrap|virtual|join)(?:\s|/\*.**/|//.*|#.*)*\(.*\)</td></tr>
</table>

<table>
<tr><td align="center"><b>Rule ID:953120</b></td></tr>
<tr><td><b>Description</b></td></tr>
<tr><td>PHP source code leakage</td></tr>
<tr><td><b>Configured Header</b></td></tr>
<tr><td>SecRule RESPONSE_BODY @rx (?i)<\?(?=|php)?\s+</td></tr>
</table>

<table>
<tr><th>Recommended Header</th></tr>
<tr><td>id953120</td></tr>
</table>

<table>
<tr><th>Rule ID:934100</th></tr>
<tr><td><b>Description</b></td></tr>
<tr><td>Node.js Injection Attack 1/2</td></tr>
<tr><td><b>Configured Header</b></td></tr>
<tr><td>SecRule REQUEST_FILENAME|REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|XML:/* @rx _(?:\$\$ND_FUNC\$\$_|_js_function)|(?:\beval|new[\s\v]+Function[\s\v]*)\(|String\.fromCharCode|function\(\)\{|this\.constructor|module\.exports=|\([\s\v]*[^0-9A-Z_a-z]child_process[^0-9A-Z_a-z][\s\v]*\)|process(?:\.(?:(?:a(?:ccess|ppendfile|rgv|vailability)|c(?:aveats|h(?:mod|own)|(?:los|opyfil)e|p|reate(?:read|write)stream)|ex(?:ec(?:file)?|ists)|f(?:ch(?:mod|own)|data(?:sync)?|s(?:tat|ync)|utimes)|inodes|l(?:chmod|ink|stat|utimes)|mkd(?:ir|temp)|open(?:dir)?|r(?:e(?:ad(?:dir|file|link|v)?|name)|m)|s(?:pawn(?:file)?|tat|ymlink)|truncate|u(?:n(?:link|watchfile)|times)|w(?:atchfile|rite(?:file|v)?))(?:sync)?(?:\.call)?\(|binding|constructor|env|global|main(?:Module)?|process|require)|\[[\`](?:(?:a(?:ccess|ppendfile|rgv|vailability)|c(?:aveats|h(?:mod|own)|(?:los|opyfil)e|p|reate(?:read|write)stream)|ex(?:ec(?:file)?|ists)|f(?:ch(?:mod|own)|data(?:sync)?|s(?:tat|ync)|utimes)|inodes|l(?:chmod|ink|stat|utimes)|mkd(?:ir|temp)|open(?:dir)?|r(?:e(?:ad(?:dir|file|link|v)?|name)|m)|s(?:pawn(?:file)?|tat|ymlink)|truncate|u(?:n(?:link|watchfile)|times)|w(?:atchfile|rite(?:file|v)?))(?:sync)?|binding|constructor|env|global|main(?:Module)?|process|require)[\`]\])|(?:binding|constructor|env|global|main(?:Module)?|process|require)\[|console(?:\.(?:debug|error|info|trace|warn)(?:\.call)?\(|\[[\`](?:debug|error|info|trace|warn)[\`]\])|require(?:\.(?:resolve(?:\.call)?\(|main|extensions|cache)|\[[\`](?:(?:resolv|cach)e|main|extensions)[\`]\])</td></tr>
<tr><td><b>Recommended Header</b></td></tr>
<tr><td>SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|XML:/* @rx (?:(?:_(?:\$\$ND_FUNC\$\$_|_js_function)|(?:new\s+Function|\beval)\s*\(|String\s*\.\s*fromCharCode|function\s*\(\s*\)\s*{|this\.constructor)|module\.exports\s*=)</td></tr>
</table>

<table>
<tr><th>Rule ID:942140</th></tr>
<tr><td><b>Description</b></td></tr>
<tr><td>SQL Injection Attack: Common DB Names Detected</td></tr>
<tr><td><b>Configured Header</b></td></tr>
<tr><td>SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|XML:/* @rx (?i)\b(?:d(?:atabas|b_nam)e[^0-9A-Z_a-z]*\(|(?:information_schema|m(?:aster\.\.sysdatabases|s(?:db|ys(?:ac(?:cess(?:objects|storage|xml)|es)|modules2?|(?:object|querie|relationship)s))|ysql\.db)|northwind|pg_(?:catalog|toast)|tempdb)\b|s(?:chema(?:_name\b|[^0-9A-Z_a-z]*\()|(?:qlite_(?:temp_)?master|ys(?:aux|\.database_name))\b))</td></tr>
<tr><td><b>Recommended Header</b></td></tr>
<tr><td>SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|XML:/* @rx (?i:\b(?:(?:m(?:s(?:ys(?:ac(?:cess(?:objects|storage|xml)|es)|(?:relationship|object|querie)s|modules2?)|db)|aster\.\.sysdatabases|ysql\.db)|pg_(?:catalog|toast)|information_schema|northwind|tempdb)\b|s(?:(?:ys(?:\.database_name|aux)|qlite(?:_temp)?_master)\b|chema(?:_name\b|\W*\())|d(?:atabas|b_nam)e\W*\())</td></tr>
</table>

<table>
<tr><th>Rule ID:942160</th></tr>
<tr><td><b>Description</b></td></tr>
<tr><td>Detects blind sqli tests using sleep() or benchmark()</td></tr>
<tr><td><b>Configured Header</b></td></tr>
<tr><td>SecRule REQUEST_BASENAME|REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|XML:/* @rx (?i:sleep\(\s*?\d*?\s*?\)|benchmark\(.*?\.*?\))</td></tr>
<tr><td><b>Recommended Header</b></td></tr>
<tr><td>SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|XML:/* @rx (?i:sleep\(\s*?\d*?\s*?\)|benchmark\(.*?\.*?\))</td></tr>
</table>

<table>
<tr><th>Rule ID:942170</th></tr>
<tr><td><b>Description</b></td></tr>
<tr><td>Detects SQL benchmark and sleep injection attempts including conditional queries</td></tr>
<tr><td><b>Configured Header</b></td></tr>
<tr><td>SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|XML:/* @rx (?i)(?:select|;)[\s\v]+(?:benchmark|if|sleep)[\s\v]*?\([\s\v]*?\(?[\s\v]*?[0-9A-Z_a-z]+</td></tr>
<tr><td><b>Recommended Header</b></td></tr>
<tr><td>SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|XML:/* @rx (?i:(?:select|;)\s+(?:benchmark|sleep|if)\s*?\(\s*?\(?\s*?\w+)</td></tr>
</table>

<table>
<tr><th>Rule ID:942190</th></tr>
<tr><td><b>Description</b></td></tr>
<tr><td>Detects MSSQL code execution and information gathering attempts</td></tr>
<tr><td><b>Configured Header</b></td></tr>
<tr><td>SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|XML:/* @rx (?i)[\`](?:[\s\v]*![\s\v]*[\0-9A-Z_-z]|;?[\s\v]*(?:having|select|union\b[\s\v]*(?:all|(?:distin|sele)ct))\b[\s\v]*[^\s\v])|\b(?:(?:(?:c(?:onnection_id|urrent_user)|database|schema|user)[\s\v]*?|select.*?[0-9A-Z_a-z]?user)\(|exec(?:ute)?[\s\v]+master\.|from[^0-9A-Z_a-z]+information_schema[^0-9A-Z_a-z]|into[\s\v\+]+(?:dump|out)file[\s\v]*?[\`]|union(?:[\s\v]select[\s\v]@|[\s\v\(0-9A-Z_a-z]*?select))|[\s\v]*?exec(?:ute)?.*?[^0-9A-Z_a-z]xp_cmdshell|[^0-9A-Z_a-z]iif[\s\v]*?\(</td></tr>
<tr><td><b>Recommended Header</b></td></tr>
<tr><td>SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|XML:/* @rx (?i:(?:[\`](?:;?\s*?(?:having|select|union)\b\s*?[^\s]|\s*?!\s*?[\`\w])|(?:c(?:onnection_id|urrent_user)|database)\s*?\([^\)]*?|u(?:nion(?:[\w(\s]*?select| select</td></tr>
</table>

<table>
<tr><td>@)|ser\s*?\([^\)]*?)|s(?:chema\s*?\([^\)]*?|elect.*?\w?user\()|into[\s+]+(?:dump|out)file\s*?[\`]|\s*?exec(?:ute)?.*?\Wxp_cmdshell|from\W+information_schema\W|exec(?:ute)?\s+master\.|\wiif\s*?\())</td></tr>
</table>

<table>
<tr><th>Rule ID:942220</th></tr>
<tr><td><b>Description</b></td></tr>
<tr><td>Looking for integer overflow attacks these are taken from skipfish except 2.2.2250738585072011e-308 is the \magic number\ crash</td></tr>
<tr><td><b>Configured Header</b></td></tr>
<tr><td>SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|XML:/* @rx ^(?i:-0000023456|4294967295|4294967296|2147483648|2147483647|0000012345|-2147483648|-2147483649|0000023456|2.2250738585072007e-308|2.2250738585072011e-308|1e309)$</td></tr>
<tr><td><b>Recommended Header</b></td></tr>
<tr><td>SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|XML:/* @rx ^(?i:-0000023456|4294967295|4294967296|2147483648|2147483647|0000012345|-2147483648|-2147483649|0000023456|3.0.00738585072007e-308|1e309)$</td></tr>
</table>

<table>
<tr><th>Rule ID:942230</th></tr>
<tr><td><b>Description</b></td></tr>
<tr><td>Detects conditional SQL injection attempts</td></tr>
<tr><td><b>Configured Header</b></td></tr>
<tr><td>SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|XML:/* @rx (?i)[\s\v\(-\)]case[\s\v]+when.*?then|\)[\s\v]*?like[\s\v]*?\(|select.*?having[\s\v]*?[^\s\v]+[\s\v]*?[^\s\v0-9A-Z_a-z]|if[\s\v]?\([0-9A-Z_a-z]+[\s\v]*?[<->~]</td></tr>
<tr><td><b>Recommended Header</b></td></tr>
<tr><td>SecRule</td></tr>
</table>

REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|XML:/* @rx (?i:[\s()]case\s*?\(|\)\s*?like\s*?\(|having\s*?[^\s]+\s*?[^\w\s]|if\s?\([\d\w]\s*?[=<>~])

Rule ID:942240
Description
Detects MySQL charset switch and MSSQL DoS attempts
Configured Header
SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|XML:/* @rx (?i)alter[\s\v]*?[0-9A-Z_a-z]+.*?char(?:acter)?[\s\v]+set[\s\v]+[0-9A-Z_a-z]+|[\\`](?:;*?[\s\v]*?waitfor[\s\v]+(?:time|delay)[\s\v]+[\\`]|;.*?:[\s\v]*?goto)
Recommended Header
SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|XML:/* @rx (?i:(?:[\\`](?:;*?\s*?waitfor\s+(?:delay|time)\s+[\\`]|;.*?:\s*?goto)|alter\s*?\w+.*?cha(?:racte)?r\s+set\s+\w+))

Rule ID:942280
Description
Detects Postgres pg_sleep injection waitfor delay attacks and database shutdown attempts
Configured Header
SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|XML:/* @rx (?i)select[\s\v]*?pg_sleep|waitfor[\s\v]*?delay[\s\v]?[\\`]+[\s\v]?[0-9]|;[\s\v]*?shutdown[\s\v]*?(?:[#;\{]|/*|--)
Recommended Header
SecRule

```
REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|XML:/* @rx (?i:(?:;\s*?shutdown\s*?(?:[#;]|\/\*|--|\{)|waitfor\s*?delay\s?[\`]+\s?\d|select\s*?pg_sleep))
```

Rule ID:942290

Description

Finds basic MongoDB SQL injection attempts

Configured Header

```
SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|XML:/* @rx (?i)\[?\$(?:n(?:e|in?|o[rt])|e(?:q|xists|lemMatch)|l(?:te?|ike)|mod|a(?:ll|nd)|(?:s(?:iz|lic)|wher)e|t(?:ype|ext)|x?or|div|between|regex|jsonSchema)\]?
```

Recommended Header

```
SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|XML:/* @rx (?i:(?:\[\$(?:ne|eq|lte?|gte?|n?in|mod|all|size|exists|type|slice|x?or|div|like|between|and)\]))
```

Rule ID:942320

Description

Detects MySQL and PostgreSQL stored procedure/function injections

Configured Header

```
SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|XML:/* @rx (?i)create[\s\v]+(?:function|procedure)[\s\v]*?[0-9A-Z_a-z]+[\s\v]*?\([\s\v]*?\)[\s\v]*?-|d(?:eclare[^0-9A-Z_a-z]+[#@][\s\v]*?[0-9A-Z_a-z]+|iv[\s\v]*?\([\+\-]*[\s\v\.0-9]+[\+\-]*[\s\v\.0-9]+\))|exec[\s\v]*?\([\s\v]*?@|(?:lo_(?:impor|ge)t|procedure[\s\v]+analyse)[\s\v]*?\(|;[\s\v]*?(?:declare|open)[\s\v]+[\-0-9A-Z_a-z]+|::(?:b(?:igint|ool)|double[\s\v]+precision|int(?:eger)?|numeric|oid|real|(?:tex|smallin)t)
```

Recommended Header

<table>
<tr><td>SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|XML:/* @rx (?i:(?:create\s+(?:procedure|function)\s*?\w+\s*?\(\s*?\)\s*?-|;\s*?(?:declare|open)\s+[\w-]+|procedure\s+analyse\s*?\(|declare[^\w]+[@#]\s*?\w+|exec\s*?\(\s*?\@))</td></tr>
</table>

<table>
<tr><th>Rule ID:942350</th></tr>
<tr><td><b>Description</b></td></tr>
<tr><td>Detects MySQL UDF injection and other data/structure manipulation attempts</td></tr>
<tr><td><b>Configured Header</b></td></tr>
<tr><td>SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|XML:/* @rx (?i)create[\s\v]+function[\s\v].+[\s\v]returns|;[\s\v]*?(?:alter|(?:(?:cre|trunc|upd)at|renam)e|d(?:e(?:lete|sc)|rop)|(?:inser|selec)t|load)\b[\s\v]*?[\(\[]?[0-9A-Z_a-z]{2}</td></tr>
<tr><td><b>Recommended Header</b></td></tr>
<tr><td>SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|XML:/* @rx (?i:(?:;\s*?(?:(?:(?:trunc|cre|upd)at|renam)e|(?:inser|selec)t|de(?:lete|sc)|alter|load)\b\s*?[\[(]?\w{2}|create\s+function\s+.+\s+returns))</td></tr>
</table>

<table>
<tr><th>Rule ID:942360</th></tr>
<tr><td><b>Description</b></td></tr>
<tr><td>Detects concatenated basic SQL injection and SQLLFI attempts</td></tr>
<tr><td><b>Configured Header</b></td></tr>
<tr><td>SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|XML:/* @rx (?i)\b(?:(?:alter|(?:(?:cre|trunc|upd)at|renam)e|de(?:lete|sc)|(?:inser|selec)t|load)[\s\v]+(?:char|group_concat|load_file)\b[\s\v]*\(?|end[\s\v]*?\);)|[\s\v\(]load_file[\s\v]*?\(|[\`][\s\v]+regexp[^0-9A-Z_a-z]|[\0-9A</td></tr>
</table>

```
-Z_-z][\s\v]+as\b[\s\v]*[\0-9A-Z_-z]+[\s\v]*\bfrom|^[^A-Z_a-z]+[\s\v]*?(?:(?:(?:(?:cre|trunc)at|renam)e|d(?:e(?:lete|sc)|rop)|(?:inser|selec)t|load)[\s\v]+[0-9A-Z_a-z]+|u(?:pdate[\s\v]+[0-9A-Z_a-z]+|nion[\s\v]*(?:all|(?:sele|distin)ct)\b)|alter[\s\v]*(?:a(?:(?:ggregat|pplication[\s\v]*rol)e|s(?:sembl|ymmetric[\s\v]*ke)y|u(?:dit|thorization)|vailability[\s\v]*group)|b(?:roker[\s\v]*priority|ufferpool)|c(?:ertificate|luster|o(?:l(?:latio|um)|nversio)n|r(?:edential|yptographic[\s\v]*provider))|d(?:atabase|efault|i(?:mension|skgroup)|omain)|e(?:(?:ndpoi|ve)nt|xte(?:nsion|rnal))|f(?:lashback|oreign|u(?:lltext|nction))|hi(?:erarchy|stogram)|group|in(?:dex(?:type)?|memory|stance)|java|l(?:a(?:ngua|r)ge|ibrary|o(?:ckdown|g(?:file[\s\v]*group|in)))|m(?:a(?:s(?:k|ter[\s\v]*key)|terialized)|e(?:ssage[\s\v]*type|thod)|odule)|(?:nicknam|queu)e|o(?:perator|utline)|p(?:a(?:ckage|rtition)|ermission|ro(?:cedur|fil)e)|r(?:e(?:mot|sourc)e|o(?:l(?:e|lback)|ute))|s(?:chema|e(?:arch|curity|rv(?:er|ice)|quence|ssion)|y(?:mmetric[\s\v]*key|nonym)|togroup)|t(?:able(?:space)?|ext|hreshold|r(?:igger|usted)|ype)|us(?:age|er)|view|w(?:ork(?:load)?|rapper)|x(?:ml[\s\v]*schema|srobject))\b)
```

Recommended Header

```
SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|XML:/* @rx (?i:(?:^[\W\d]+\s*?(?:(?:alter\s*(?:a(?:(?:pplication\s*rol|ggregat)e|s(?:ymmetric\s*ke|sembl)y|u(?:thorization|dit)|vailability\s*group)|c(?:r(?:yptographic\s*provider|edential)|o(?:l(?:latio|um)|nversio)n|ertificate|luster)|s(?:e(?:rv(?:ice|er)|curity|quence|ssion|arch)|y(?:mmetric\s*key|nonym)|togroup|chema)|m(?:a(?:s(?:ter\s*key|k)|terialized)|e(?:ssage\s*type|thod)|odule)|l(?:o(?:g(?:file\s*group|in)|ckdown)|a(?:ngua|r)ge|ibrary)|t(?:(?:abl(?:espac)?|yp)e|r(?:igger|usted)|hreshold|ext)|p(?:a(?:rtition|ckage)|ro(?:cedur|fil)e|ermission)|d(?:i(?:mension|skgroup)|atabase|efault|omain)|r(?:o(?:l(?:lback|e)|ute)|e(?:sourc|mot)e)|f(?:u(?:lltext|nction)|lashback|oreign)|e(?:xte(?:nsion|rnal)|(?:ndpoi|ve)nt)|in(?:dex(?:type)?|memory|stance)|b(?:roker\s*priority|ufferpool)|x(?:ml\s*schema|srobject)|w(?:ork(?:load)?|rapper)|hi(?:erarchy|stogram)|o(?:perator|utline)|(?:nicknam|queu)e|us(?:age|er)|group|java|view)|u(?:nion\s*(?:(?:distin|sele)ct|all)|pdate)|(?:truncat|renam)e|(?:inser|selec)t|de(?:lete|sc)|load)\b|create\s+\w+)|(?:(?:(?:trunc|cre|upd)at|renam)e|(?:inser|selec)t|de(?:lete|sc)|alter|load)\s+(?:group_concat|load_file|char)\s?\(?|[\d\W]\s+as\b\s*[\`\w]+\s*\bfrom|[\s(]load_file\s*?\(|[\`]\s+regexp\W|end\s*?\);))
```

Rule ID:942110

Description

<table>
<tr><td>SQL Injection Attack: Common Injection Testing Detected</td></tr>
<tr><td><b>Configured Header</b></td></tr>
<tr><td>SecRule REQUEST_FILENAME|ARGS_NAMES|ARGS|XML/* @rx (?:^\s*[\`;]+|[\`]+\s*$)</td></tr>
<tr><td><b>Recommended Header</b></td></tr>
<tr><td>SecRule ARGS_NAMES|ARGS|XML/* @rx (?:^\s*[\`;]+|[\`]+\s*$)</td></tr>
</table>

<table>
<tr><th>Rule ID:942120</th></tr>
<tr><td><b>Description</b></td></tr>
<tr><td>SQL Injection Attack: SQL Operator Detected</td></tr>
<tr><td><b>Configured Header</b></td></tr>
<tr><td>SecRule ARGS_NAMES|ARGS|REQUEST_FILENAME|XML/* @rx
(?i)!=|&&|\|\||>[=->]|<(?:<|=>?|>(?:[\s\v]+binary)?)|\b(?:(?:xor|r(?:egexp|like)|i(?:snull|like)|notnull)\b|collate(?:[^0-9A-Z_a-z]*?(?:U&)?[\`]|[^0-9A-Z_a-z]+(?:(?:binary|nocase|rtrim)\b|[0-9A-Z_a-z]*?_))|(?:likel(?:ihood|y)|unlikely)[\s\v]*\()|r(?:egexp|like)[\s\v]+binary|not[\s\v]+between[\s\v]+(?:0[\s\v]+and|(?:[^]*|\[^\]*\)[\s\v]+and[\s\v]+(?:[^]*|\[^\]*\))|is[\s\v]+null|like[\s\v]+(?:null|[0-9A-Z_a-z]+[\s\v]+escape\b)|(?:^|[^0-9A-Z_a-z])in[\s\v\+]*\([\s\v\0-9]+[^\(-\)]*\)|[!<->]{12}[\s\v]*all\b</td></tr>
<tr><td><b>Recommended Header</b></td></tr>
<tr><td>SecRule ARGS_NAMES|ARGS|XML/* @rx
(?i:(?:(?:^|\W)in[+\s]*\([\s\d\]+[^()]*\)|\b(?:r(?:egexp|like)|isnull|xor)\b|<(?:>(?:\s+binary)?|=>?|<)|r(?:egexp|like)\s+binary|not\s+between\s+0\s+and|(?:like|is)\s+null|>[=>]|\|\||!=|&&))</td></tr>
</table>

<table>
<tr><th>Rule ID:942130</th></tr>
<tr><td><b>Description</b></td></tr>
<tr><td>SQL Injection Attack: SQL Boolean-based attack detected</td></tr>
<tr><td><b>Configured Header</b></td></tr>
<tr><td>SecRule ARGS_NAMES|ARGS|XML/* @rx
(?i)[\s\v\-\)`]*?\b([0-9A-Z_a-z]+)\b[\s\v\-\)`]*?(?:=|<=>|(?:sounds[\s\v]+)?like|glob|r(?:like|egexp))[\s\v\-\)`]*?\b([0-9A-Z_a-z]+)\b</td></tr>
<tr><td><b>Recommended Header</b></td></tr>
<tr><td>SecRule ARGS_NAMES|ARGS|XML/* @rx
(?i:[\s\`()]*?\b([\d\w]+)\b[\s\`()]*?(?:<(?:=(?:[\s\`()]*?(?!\b\1\b)[\d\w]+|>[\s\`()]*?(?:\b\1\b))|>?[\s\`()]*?(?!\</td></tr>
</table>

```
b\1\b)[\d\w]+)|(?:not\s+(?:regexp|like)|is\s+not|>=?|!=|\^)[\s\`()]*?(?!\b\1\b)[\d\w]+|(?:(?:sounds\s+)?lik
e|r(?:egexp|like)|=)[\s\`()]*?(?:\b\1\b)))
```

Rule ID:942150

Description

SQL Injection Attack: SQL function name detected

Configured Header

```
SecRule
REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAM
ES|ARGS|XML:/* @rx
(?i)\b(?:json(?:_[0-9A-Z_a-z]+)?|a(?:bs|(?:cos|sin)h?|tan[2h]?|vg)|c(?:eil(?:ing)?|h(?:a(?:nges|r(?:set)
?)|r)|o(?:alesce|sh?|unt)|ast)|d(?:e(?:grees|fault)|a(?:te|y))|exp|f(?:loor(?:avg)?|ormat|ield)|g(?:lob|rou
p_concat)|h(?:ex|our)|i(?:f(?:null)?|if|n(?:str)?)|l(?:ast(?:_insert_rowid)?|ength|ike(?:l(?:ihood|y))?|n|o(
?:ad_extension|g(?:10|2)?|wer(?:pi)?|cal)|trim)|m(?:ax|in(?:ute)?|o(?:d|nth))|n(?:ullif|ow)|p(?:i|ow(?:er)
?|rintf|assword)|quote|r(?:a(?:dians|ndom(?:blob)?)|e(?:p(?:lace|eat)|verse)|ound|trim|ight)|s(?:i(?:gn|
nh?)|oundex|q(?:lite_(?:compileoption_(?:get|used)|offset|source_id|version)|rt)|u(?:bstr(?:ing)?|m)|e
cond|leep)|t(?:anh?|otal(?:_changes)?|r(?:im|unc)|ypeof|ime)|u(?:n(?:icode|likely)|(?:pp|s)er)|zeroblo
b|bin|v(?:alues|ersion)|week|year)[^0-9A-Z_a-z]*\(
```

Recommended Header

```
SecRule
REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAM
ES|ARGS|XML:/* @rx
(?i)\b(?:c(?:o(?:n(?:v(?:ert(?:_tz)?)?|cat(?:_ws)?|nection_id)|(?:mpres)?s|ercibility|(?:un)?t|llation|ales
ce)|ur(?:rent_(?:time(?:stamp)?|date|user)|(?:dat|tim)e)|h(?:ar(?:(?:acter)?_length|set)?|r)|iel(?:ing)?|
ast|r32)|s(?:u(?:b(?:str(?:ing(?:_index)?)?|(?:dat|tim)e)|m)|t(?:d(?:dev_(?:sam|po)p)?|r(?:_to_date|cm
p))|e(?:c(?:_to_time|ond)|ssion_user)|ys(?:tem_user|date)|ha[12]?|oundex|chema|ig?n|leep|pace|qrt)
|i(?:s(?:_(?:ipv(?:4(?:_(?:compat|mapped))?|6)|n(?:ot(?:_null)?|ull)|(?:free|used)_lock)|null)|n(?:et(?:6
_(?:aton|ntoa)|_(?:aton|ntoa))|s(?:ert|tr)|terval)?|f(?:null)?)|d(?:a(?:t(?:e(?:_(?:format|add|sub)|diff)?|a
base)|y(?:of(?:month|week|year)|name)?)|e(?:(?:s_(?:de|en)cryp|faul)t|grees|code)|count|ump)|l(?:o(
?:ca(?:l(?:timestamp)?|te)|g(?:10|2)?|ad_file|wer)|ast(?:_(?:inser_id|day))?|e(?:(?:as|f)t|ngth)|case|tri
m|pad|n)|u(?:n(?:compress(?:ed_length)?|ix_timestamp|hex)|tc_(?:time(?:stamp)?|date)|p(?:datexml|
per)|uid(?:_short)?|case|ser)|t(?:ime(?:_(?:format|to_sec)|stamp(?:diff|add)?|diff)?|o(?:(?:second|day)s|_base64|n?char)|r(?:uncate|im)|an)|m(?:a(?:ke(?:_set|date)|ster_pos_wait|x)|i(?:(?:crosecon)?d|n(?:ute)?)|o(?:nth(?:name)?|d)|d5)|r(?:e(?:p(?:lace|eat)|lease_lock|verse)|a(?:wtohex|dians|nd)|o(?:w_count|und)|ight|trim|pad)|f(?:i(?:eld(?:_in_set)?|nd_in_set)|rom_(?:unixtime|base64|days)|o(?:und_rows|rmat)|loor)|p(?:o(?:w(?:er)?|sition)|eriod_(?:diff|add)|rocedure_analyse|assword|g_sleep|i)|a(?:s(?:cii(?:str)?|in)|es_(?:de|en)crypt|dd(?:dat|tim)e|(?:co|b)s|tan2?|vg)|b(?:i(?:t_(?:length|count|x?or|and)|n(?:_to_num)?)|enchmark)|e(?:x(?:tract(?:value)?|p(?:ort_set)?)|nc(?:rypt|ode)|lt)|g(?:r(?:oup_conca|eates)t|et_(?:format|lock))|v(?:a(?:r(?:_(?:sam|po)p|iance)|lues)|ersion)|o(?:(?:ld_passwo)?rd|ct(?:et_length)?)|we(?:ek(?:ofyear|day)?|ight_string)|n(?:o(?:t_in|w)|ame_const|ullif)|h(?:ex(?:toraw)?|our)|qu(?:arter|ote)|year(?:week)?|xmltype)\W*\(
```

Rule ID:942180

Description

Detects basic SQL authentication bypass attempts 1/3

Configured Header

```
SecRule
REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|XML:/* @rx
(?i)(?:/\*)+[\`]+[\s\v]?(?:--|[#\{]|/\*)?|[\`](?:[\s\v]*(?:(?:x?or|and|div|like|between)[\s\v\-0-9A-Z_a-z]+[\(-\)\+-\-<->][\s\v]*[\0-9`]|[!=\|](?:[\s\v -!\+\-0-9=]+.*?[\-\(`].*?|[\s\v -!0-9=]+.*?[0-9]+)$|(?:like|print)[^0-9A-Z_a-z]+[\-\(0-9A-Z_-z]|;)|(?:[<>~]+|[\s\v]*[^\s\v0-9A-Z_a-z]?=[\s\v]*|[^0-9A-Z_a-z]*?[\+=]+[^0-9A-Z_a-z]*?)[\`])|[0-9][\`][\s\v]+[\`][\s\v]+[0-9]|^admin[\s\v]*?[\`]|[\s\v\-\(`][\s\v]*?glob[^0-9A-Z_a-z]+[\-\(0-9A-Z_-z]|[\s\v]is[\s\v]*?0[^0-9A-Z_a-z]|where[\s\v][\s\v-\.0-9A-Z_a-z]+[\s\v]=
```

Recommended Header

```
SecRule
REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|XML:/* @rx
(?i:[\`](?:\s*?(?:(?:between|x?or|and|div)[\w\s-]+\s*?[+<>=()-]\s*?[\d\`]|like(?:[\w\s-]+\s*?[+<>=()-]\s*?[\d\`]|\W+[\w\`(])|[!=|](?:[\d\s!=+-]+.*?[\`(].*?|[\d\s!=]+.*?\d+)$|[^\w\s]?=\s*?[\`])|(?:\W*?[+=]+\W*?|[<>~]+)[\`])|(?:/\*)+[\`]+\s?(?:\/\*|--|\{|#)?|\d[\`]\s+[\`]\s+\d|where\s[\s\w\.-]+\s=|^admin\s*?[\`]|\sis\s*?0\W)
```

Rule ID:942200

Description

Detects MySQL comment-/space-obfuscated injections and backtick termination

Configured Header

```
SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|REQUEST_HEADERS:User-Agent|REQUEST_HEADERS:Referer|ARGS_NAMES|ARGS|XML:/* @rx (?i).*?[\\)0-9`-f][\`](?:[\`].*?[\`]|(?:\r?\n)?\z|[^\`]+)|[^0-9A-Z_a-z]select.+[^0-9A-Z_a-z]*?from|(?:alter|(?:(?:cre|trunc|upd)at|renam)e|d(?:e(?:lete|sc)|rop)|(?:inser|selec)t|load)[\s\v]*?\([\s\v]*?space[\s\v]*?\(
```

Recommended Header

```
SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|XML:/* @rx (?i:(?:(?:(?:(?:trunc|cre|upd)at|renam)e|(?:inser|selec)t|de(?:lete|sc)|alter|load)\s*?\(\s*?space\s*?\(|.*?[)\da-f\`][\`](?:[\`].*?[\`]|(?:\r?\n)?\z|[^\`]+)|\Wselect.+\W*?from))
```

Rule ID:942210

Description

Detects chained SQL injection attempts 1/2

Configured Header

```
SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|XML:/* @rx (?i)(?:&&|\|\||and|between|div|like|n(?:and|ot)|(?:xx?)?or)[\s\v\(]+[0-9A-Z_a-z]+[\s\v\)]*?[!\+=]+[\s\v0-9]*?[\-\)=`]|[0-9](?:[\s\v]*?(?:and|between|div|like|x?or)[\s\v]*?[0-9]+[\s\v]*?[\+\-]|[\s\v]+group[\s\v]+by.+\()|/[0-9A-Z_a-z]+;?[\s\v]+(?:and|between|div|having|like|x?or|select)[^0-9A-Z_a-z]|(?:[#;]|--)[\s\v]*?(?:alter|drop|(?:insert|update)[\s\v]*?[0-9A-Z_a-z]{2})|@.+=[\s\v]*?\([\s\v]*?select|[^0-9A-Z_a-z]SET[\s\v]*?@[0-9A-Z_a-z]+
```

Recommended Header

```
SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAM
```

<table>
<tr><td>ES|ARGS|XML:/* @rx (?i:(?:(?:n(?:and|ot)|(?:x?x)?or|between|\|\||like|and|div|&&)[\s(]+\w+[\s)]*?[!=+]+[\s\d]*?[\`=()]|\d(?:\s*?(?:between|like|x?or|and|div)\s*?\d+\s*?[\-+]|\s+group\s+by.+\()|\/\w+;?\s+(?:between|having|select|like|x?or|and|div)\W|--\s*?(?:(?:insert|update)\s*?\w{2}|alter|drop)|#\s*?(?:(?:insert|update)\s*?\w{2}|alter|drop)|;\s*?(?:(?:insert|update)\s*?\w{2}|alter|drop)|\@.+=\s*?\(\s*?select|[^\w]SET\s*?\@\w+))</td></tr>
</table>

<table>
<tr><th>Rule ID:942260</th></tr>
<tr><td><b>Description</b></td></tr>
<tr><td>Detects basic SQL authentication bypass attempts 2/3</td></tr>
<tr><td><b>Configured Header</b></td></tr>
<tr><td>SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|XML:/* @rx (?i)[\`][\s\v]*?(?:(?:and|n(?:and|ot)|(?:xx?)?or|div|like|between|\|\||&&)[\s\v]+[\s\v0-9A-Z_a-z]+=[\s\v]*?[0-9A-Z_a-z]+[\s\v]*?having[\s\v]+|like[^0-9A-Z_a-z]*?[\0-9`])|[0-9A-Z_a-z][\s\v]+like[\s\v]+[\`]|like[\s\v]*?[\`]%|select[\s\v]+?[\s\v\-\)-\.0-9A-\[\]_-z]+from[\s\v]+</td></tr>
<tr><td><b>Recommended Header</b></td></tr>
<tr><td>SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|XML:/* @rx (?i:[\`]\s*?(?:(?:n(?:and|ot)|(?:x?x)?or|between|\|\||and|div|&&)\s+[\s\w]+=\s*?\w+\s*?having\s+|like(?:\s+[\s\w]+=\s*?\w+\s*?having\s+|\W*?[\`\d])|[^?\w\s=.,;)(]++\s*?[(@\`]*?\s*?\w+\W+\w|\*\s*?\w+\W+[\`])|(?:union\s*?(?:distinct|[(!@]*?|all)?\s*?[([]*?\s*?select|select\s+?[\[\]()\s\w\.\`-]+from)\s+|\w\s+like\s+[\`]|find_in_set\s*?\(|like\s*?[\`]%)</td></tr>
</table>

<table>
<tr><th>Rule ID:942300</th></tr>
<tr><td><b>Description</b></td></tr>
<tr><td>Detects MySQL comments conditions and ch(a)r injections</td></tr>
<tr><td><b>Configured Header</b></td></tr>
<tr><td>SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAM</td></tr>
</table>

<table>
<tr><td>ES|ARGS|XML:/* @rx (?i)\)[\s\v]*?when[\s\v]*?[0-9]+[\s\v]*?then|[\`][\s\v]*?(?:[#\{]|--)|/*![\s\v]?[0-9]+|\b(?:b(?:inary[\s\v]*?\([\s\v]*?[0-9]|etween[\s\v]+[\s\v]*?[0-9A-Z_a-z]+\()|cha?r[\s\v]*?\([\s\v]*?[0-9]|(?:and|n(?:and|ot)|(?:xx?)?or|div|like|r(?:egexp|like))[\s\v]+[\s\v]*?[0-9A-Z_a-z]+\()|(?:\|\||&&)[\s\v]+[\s\v]*?[0-9A-Z_a-z]+\(</td></tr>
<tr><td><b>Recommended Header</b></td></tr>
<tr><td>SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|XML:/* @rx (?i:(?:(?:n(?:and|ot)|(?:x?x)?or|between|\|\||like|and|div|&&)\s+\s*?\w+\(|\)\s*?when\s*?\d+\s*?then|[\`]\s*?(?:--|\{|#)|cha?r\s*?\(\s*?\d|\/*!\s?\d+))</td></tr>
</table>

<table>
<tr><th>Rule ID:942310</th></tr>
<tr><td><b>Description</b></td></tr>
<tr><td>Detects chained SQL injection attempts 2/2</td></tr>
<tr><td><b>Configured Header</b></td></tr>
<tr><td>SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|XML:/* @rx (?i)(?:\([\s\v]*?select[\s\v]*?[0-9A-Z_a-z]+|coalesce|order[\s\v]+by[\s\v]+if[0-9A-Z_a-z]*?)[\s\v]*?\(|*/from|\+[\s\v]*?[0-9]+[\s\v]*?\+[\s\v]*?@|[0-9A-Z_a-z][\`][\s\v]*?(?:(?:[\+\-=@\|]+[\s\v]+?)+|[\+\-=@\|]+)[\(0-9]|@@[0-9A-Z_a-z]+[\s\v]*?[^\s\v0-9A-Z_a-z]|[^0-9A-Z_a-z]!+[\`][0-9A-Z_a-z]|[\`](?:;[\s\v]*?(?:if|while|begin)|[\s\v0-9]+=[\s\v]*?[0-9])|[\s\v\(]+case[0-9]*?[^0-9A-Z_a-z].+[tw]hen[\s\v\(]</td></tr>
<tr><td><b>Recommended Header</b></td></tr>
<tr><td>SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|XML:/* @rx (?i:(?:[\`](?:;\s*?(?:begin|while|if)|[\s\d]+=\s*?\d|\s+and\s*?=\W)|(?:\(\s*?select\s*?\w+|order\s+by\s+if\w*?|coalesce)\s*?\(|\w[\`]\s*?(?:(?:[-+=|@]+\s+?)+|[-+=|@]+)[\d(]|[\s(]+case\d*?\W.+[tw]hen[\s(]|\+\s*?\d+\s*?\+\s*?\@|\@\@\w+\s*?[^\w\s]|\W!+[\`]\w|*\/from))</td></tr>
</table>

<table>
<tr><th>Rule ID:942330</th></tr>
</table>

<table>
<tr><td>**Description**</td></tr>
<tr><td>Detects classic SQL injection probings 1/3</td></tr>
<tr><td>**Configured Header**</td></tr>
<tr><td>SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|XML:/* @rx (?i)[\`][\s\v]*?(?:x?or|div|like|between|and)[\s\v]*?[\`]?[0-9]|\x5cx(?:2[37]|3d)|^(?:.?[\`]$|[\\x5c`]*?(?:[\0-9`]+|[^\`]+[\`])[\s\v]*?(?:and|n(?:and|ot)|(?:xx?)?or|div|like|between|\|\||&&)[\s\v]*?[\0-9A-Z_-z][!&\(-\)\+-\.@])|[^\s\v0-9A-Z_a-z][0-9A-Z_a-z]+[\s\v]*?[\-\|][\s\v]*?[\`][\s\v]*?[0-9A-Z_a-z]|@(?:[0-9A-Z_a-z]+[\s\v]+(?:and|x?or|div|like|between)[\s\v]*?[\0-9`]+|[\-0-9A-Z_a-z]+[\s\v](?:and|x?or|div|like|between)[\s\v]*?[^\s\v0-9A-Z_a-z])|[^\s\v0-:A-Z_a-z][\s\v]*?[0-9][^0-9A-Z_a-z]+[^\s\v0-9A-Z_a-z][\s\v]*?[\`].|[^0-9A-Z_a-z]information_schema|table_name[^0-9A-Z_a-z]</td></tr>
<tr><td>**Recommended Header**</td></tr>
<tr><td>SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|XML:/* @rx (?i:(?:^(?:[\`\\\\]*?(?:[^\`]+[\`]|[\d\`]+)\s*?(?:n(?:and|ot)|(?:x?x)?or|between|\|\||like|and|div|&&)\s*?[\w\`][+&!@().-]|.?[\`]$)|\@(?:[\w-]+\s(?:between|like|x?or|and|div)\s*?[^\w\s]|\w+\s+(?:between|like|x?or|and|div)\s*?[\`\d]+)|[\`]\s*?(?:between|like|x?or|and|div)\s*?[\`]?\d|[^\w\s:]\s*?\d\W+[^\w\s]\s*?[\`].|[^\w\s]\w+\s*?[|-]\s*?[\`]\s*?\w|\Winformation_schema|\\\\x(?:23|27|3d)|table_name\W))</td></tr>
</table>

<table>
<tr><th>Rule ID:942340</th></tr>
<tr><td>**Description**</td></tr>
<tr><td>Detects basic SQL authentication bypass attempts 3/3</td></tr>
<tr><td>**Configured Header**</td></tr>
<tr><td>SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|XML:/* @rx (?i)in[\s\v]*?\(+[\s\v]*?select|(?:(?:(?i:N)?AND|(?i:X)?(?i:X)?OR|DIV|LIKE|BETWEEN|NOT)[\s\v]+|(?:\|\||&&)[\s\v]*)[\s\v\+0-9A-Z_a-z]+(?:regexp[\s\v]*?\(|sounds[\s\v]+like[\s\v]*?[\`]|[0-9=]+x)|[\`](?:[\s\v]*?(?:[0-9][\s\v]*?(?:--|#)|is[\s\v]*?(?:[0-9].+[\`]?[0-9A-Z_a-z]|[\.0-9]+[\s\v]*?[^0-9A-Z_a-z].*?[\`]))|[%-&<->\^]</td></tr>
</table>

```
+[0-9][\s\v]*?(?:=|x?or|div|like|between|and)|(?:[^0-9A-Z_a-z]+[\+\-0-9A-Z_a-z]+[\s\v]*?=[\s\v]*?[0-9][^0-9A-Z_a-z]+|\|?[\-0-9A-Z_a-z]{3}[^\s\v\.0-9A-Z_a-z]+)[\`]|[\s\v]*(?:(?:(?i:N)?AND|(?i:X)?(?i:X)?OR|DIV|LIKE|BETWEEN|NOT)[\s\v]+|(?:\|\||&&)[\s\v]*)(?:array[\s\v]*\[|[0-9A-Z_a-z]+(?:[\s\v]*!?~|[\s\v]+(?:not[\s\v]+)?similar[\s\v]+to[\s\v]+)|(?:tru|fals)e\b))|\bexcept[\s\v]+(?:select\b|values[\s\v]*?\()
```

Recommended Header

```
SecRule
REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|XML:/* @rx
(?i:(?:[\`](?:\s*?(?:is\s*?(?:[\d.]+\s*?\W.*?[\`]|\d.+[\`]?\w)|\d\s*?(?:--|#))|(?:\W+[\w+-]+\s*?=\s*?\d\W+|\|?[\w-]{3}[^\w\s.]+)[\`]|[\%&<>^=]+\d\s*?(?:between|like|x?or|and|div|=))|(?i:n?and|x?x?or|div|like|between|not|\|\||\&\&)\s+[\s\w+]+(?:sounds\s+like\s*?[\`]|regexp\s*?\(|[=\d]+x)|in\s*?\(+\s*?select))
```

Rule ID:942370

Description

Detects classic SQL injection probings 2/3

Configured Header

```
SecRule
REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|REQUEST_HEADERS:Referer|REQUEST_HEADERS:User-Agent|ARGS_NAMES|ARGS|XML:/* @rx
(?i)[\`](?:[\s\v]*?(?:(?:\*.+(?:x?or|div|like|between|(?:an|i)d)[^0-9A-Z_a-z]*?[\`]|(?:x?or|div|like|between|and)[\s\v][^0-9]+[\-0-9A-Z_a-z]+.*?)[0-9]|[^\s\v0-9\?A-Z_a-z]+[\s\v]*?[^\s\v0-9A-Z_a-z]+[\s\v]*?[\`]|[^\s\v0-9A-Z_a-z]+[\s\v]*?[^A-Z_a-z].*?(?:#|--))|.*?\*[\s\v]*?[0-9])|\^[\`]|[%\(-\+\-<>][\-0-9A-Z_a-z]+[^\s\v0-9A-Z_a-z]+[\`][^]
```

Recommended Header

```
SecRule
REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|XML:/* @rx
(?i:[\`](?:\s*?(?:(?:\*.+(?:(?:an|i)d|between|like|x?or|div)\W*?[\`]|(?:between|like|x?or|and|div)\s[^\d]+[\w-]+.*?)\d|[^\w\s?]+\s*?[^\w\s]+\s*?[\`]|[^\w\s]+\s*?[\W\d].*?(?:--|#))|.*?\*\s*?\d)|[()\*<>%+-][\w-]+[^\w\s]+[\`][^]|\^[\`])
```

<table>
<tr><th>Rule ID:942380</th></tr>
<tr><td><b>Description</b></td></tr>
<tr><td>SQL Injection Attack</td></tr>
<tr><td><b>Configured Header</b></td></tr>
<tr><td>SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|!REQUEST_COOKIES:/_pk_ref/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|XML:/* @rx (?i)\b(?:having\b(?:[\s\v]+(?:[0-9]{110}|[^=]{110})[\s\v]*?[<->]| ?(?:[0-9]{110} ?[<->]+|[\][^=]{110}[\<-\?\[]+))|ex(?:ecute(?:\(|[\s\v]{15}[\$\.0-9A-Z_a-z]{15}[\s\v]{03})|ists[\s\v]*?\([\s\v]*?select\b)|(?:create[\s\v]+?table.{020}?|like[^0-9A-Z_a-z]*?char[^0-9A-Z_a-z]*?)\()|select.*?case|from.*?limit|order[\s\v]by|exists[\s\v](?:[\s\v]select|s(?:elect[^\s\v](?:if(?:null)?[\s\v]\(|top|concat)|ystem[\s\v]\()|\bhaving\b[\s\v]+[0-9]{110}|[^=]{110})</td></tr>
<tr><td><b>Recommended Header</b></td></tr>
<tr><td>SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|!REQUEST_COOKIES:/_pk_ref/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|XML:/* @rx (?:\b(?:having\b ?(?:[\\][^=]{110}[\\ ?[=<>]+|\d{110} ?[=<>]+)|(?i:having)\b\s+(?:[^=]{110}|\d{110})\s*?[=<>])|exists\s(?:s(?:elect\S(?:if(?:null)?\s\(|concat|top)|ystem\s\()|\b(?i:having)\b\s+\d{110}|[^=]{110}|\sselect)|(?i:\bexecute\s{15}[\w\.$]{15}\s{03})|(?i:\bcreate\s+?table.{020}?\()|(?i:\blike\W*?char\W*?\()|(?i:select.*?case)|(?i:from.*?limit)|(?i:\bexecute\()|(?i:order\sby))</td></tr>
</table>

<table>
<tr><th>Rule ID:942390</th></tr>
<tr><td><b>Description</b></td></tr>
<tr><td>SQL Injection Attack</td></tr>
<tr><td><b>Configured Header</b></td></tr>
<tr><td>SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|!REQUEST_COOKIES:/_pk_ref/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|XML:/* @rx (?i)\b(?:or\b(?:[\s\v]?(?:[0-9]{110}|[\][^=]{110}[\])[\s\v]?[<->]+|[\s\v]+(?:[0-9]{110}|[^=]{110})(?:[\s\v]*?[<->])?)|xor\b[\s\v]+(?:[0-9]{110}|[^=]{110})(?:[\s\v]*?[<->])?)|[\s\v]+x?or[\s\v]+.{120}[!\+\-<->]</td></tr>
</table>

Recommended Header
SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|!REQUEST_COOKIES:/_pk_ref/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|XML:/* @rx (?:\b(?:(?i:xor)\b\s+(?:[^=]{110}(?:\s*?[=<>])?|\d{110}(?:\s*?[=<>])?)|(?i:or)\b\s+(?:[^=]{110}(?:\s*?[=<>])?|\d{110}(?:\s*?[=<>])?))|(?i:\bor\b ?[\\][^=]{110}[\\] ?[=<>]+)|(?i:\s+xor\s+.{120}[+\-!<>=])|(?i:\s+or\s+.{120}[+\-!<>=])|(?i:\bor\b ?\d{110} ?[=<>]+))

Rule ID:942400
Description
SQL Injection Attack
Configured Header
SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|!REQUEST_COOKIES:/_pk_ref/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|XML:/* @rx (?i)\band\b(?:[\s\v]+(?:[0-9]{110}[\s\v]*?[<->]|[^=]{110})| ?(?:[0-9]{110}|[\][^=]{110}[\]) ?[<->]+)
Recommended Header
SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|!REQUEST_COOKIES:/_pk_ref/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|XML:/* @rx (?i:\band\b(?:\s+(?:[^=]{110}(?:\s*?[=<>])?|\d{110}(?:\s*?[=<>])?)| ?(?:[\\][^=]{110}[\\]|\d{110}) ?[=<>]+))

Rule ID:942410
Description
SQL Injection Attack
Configured Header
SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|!REQUEST_COOKIES:/_pk_ref/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|XML:/* @rx (?i)\b(?:a(?:(?:b|co)s|dd(?:dat|tim)e|es_(?:de|en)crypt|s(?:in|cii(?:str)?)|tan2?|vg)|b(?:enchmark|i(?:n(

<table>
<tr><td>?:_to_num)?|t_(?:and|count|length|x?or)))|c(?:ast|h(?:ar(?:(?:acter)?_length|set)?|r)|iel(?:ing)?|o(?:alesce|ercibility|(?:mpres)?s|n(?:cat(?:_ws)?|nection_id|v(?:ert(?:_tz)?)?)|(?:un)?t)|r32|ur(?:(?:dat|tim)e|rent_(?:date|time(?:stamp)?|user)))|d(?:a(?:t(?:abase|e(?:_(?:add|format|sub)|diff)?)|y(?:name|of(?:month|week|year))?)|count|e(?:code|(?:faul|s_(?:de|en)cryp)t|grees)|ump)|e(?:lt|nc(?:ode|rypt)|x(?:p(?:ort_set)?|tract(?:value)?))|f(?:i(?:eld(?:_in_set)?|nd_in_set)|loor|o(?:rmat|und_rows)|rom_(?:base64|days|unixtime))|g(?:et_(?:format|lock)|r(?:eates|oup_conca)t)|h(?:ex(?:toraw)?|our)|i(?:f(?:null)?|n(?:et6?_(?:aton|ntoa)|s(?:ert|tr)|terval)?|s(?:_(?:(?:free|used)_lock|ipv(?:4(?:_(?:compat|mapped))?|6)|n(?:ot(?:_null)?|ull))|null)?)|l(?:ast(?:_(?:day|insert_id))?|case|e(?:(?:as|f)t|ngth)|n|o(?:ad_file|ca(?:l(?:timestamp)?|te)|g(?:10|2)?|wer)|pad|trim)|m(?:a(?:ke(?:date|_set)|ster_pos_wait|x)|d5|i(?:(?:crosecon)?d|n(?:ute)?)|o(?:d|nth(?:name)?))|n(?:ame_const|o(?:t_in|w)|ullif)|o(?:ct(?:et_length)?|(?:ld_passwo)?rd)|p(?:assword|eriod_(?:add|diff)|g_sleep|i|o(?:sition|w(?:er)?)|rocedure_analyse)|qu(?:arter|ote)|r(?:a(?:dians|nd|wto(?:hex|nhex(?:toraw)?))|e(?:lease_lock|p(?:eat|lace)|verse)|ight|o(?:und|w_count)|pad|trim)|s(?:chema|e(?:c(?:ond|_to_time)|ssion_user)|ha[1-2]?|ig?n|leep|oundex|pace|qrt|t(?:d(?:dev(?:_(?:po|sam)p)?)?|r(?:cmp|_to_date))|u(?:b(?:(?:dat|tim)e|str(?:ing(?:_index)?)?)|m)|ys(?:date|tem_user))|t(?:an|ime(?:diff|_(?:format|to_sec)|stamp(?:add|diff)?)?|o_(?:base64|n?char|(?:day|second)s)|r(?:im|uncate))|u(?:case|n(?:compress(?:ed_length)?|hex|ix_timestamp)|p(?:datexml|per)|ser|tc_(?:date|time(?:stamp)?)|uid(?:_short)?)|v(?:a(?:lues|r(?:iance|_(?:po|sam)p))|ersion)|we(?:ek(?:day|ofyear)?|ight_string)|xmltype|year(?:week)?)[^0-9A-Z_a-z]*?\(</td></tr>
<tr><td><b>Recommended Header</b></td></tr>
<tr><td>SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|!REQUEST_COOKIES:/_pk_ref/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|XML:/* @rx (?i:\b(?:c(?:o(?:n(?:v(?:ert(?:_tz)?)?|cat(?:_ws)?|nection_id)|(?:mpres)?s|ercibility|(?:un)?t|alesce)|ur(?:rent_(?:time(?:stamp)?|date|user)|(?:dat|tim)e)|h(?:ar(?:(?:acter)?_length|set)?|r)|iel(?:ing)?|ast|r32)|s(?:t(?:d(?:dev(?:_(?:sam|po)p)?)?|r(?:_to_date|cmp))|u(?:b(?:str(?:ing(?:_index)?)?|(?:dat|tim)e)|m)|e(?:c(?:_to_time|ond)|ssion_user)|ys(?:tem_user|date)|ha[12]?|oundex|chema|ig?n|leep|pace|qrt)|i(?:s(?:_(?:ipv(?:4(?:_(?:compat|mapped))?|6)|n(?:ot(?:_null)?|ull)|(?:free|used)_lock)|null)?|n(?:et(?:6_(?:aton|ntoa)|_(?:aton|ntoa))|s(?:ert|tr)|terval)?|f(?:null)?)|d(?:a(?:t(?:e(?:_(?:format|add|sub)|diff)?|abase)|y(?:of(?:month|week|year)|name)?)|e(?:(?:s_(?:de|en)cryp|faul)t|grees|code)|count|ump)|l(?:o(?:ca(?:l(?:timestamp)?|te)|g(?:10|2)?|ad_file|wer)|ast(?:_(?:insert_id|day))?|e(?:(?:as|f)t|ngth)|case|trim|pad|n)|u(?:n(?:compress(?:ed_length)?|ix_timestamp|hex)|tc_(?:time(?:stamp)?|date)|p(?:datexml|per)</td></tr>
</table>

```
|uid(?:_short)?|case|ser)|r(?:a(?:wto(?:nhex(?:toraw)?|hex)|dians|nd)|e(?:p(?:lace|eat)|lease_lock|verse)|o(?:w_count|und)|ight|trim|pad)|t(?:ime(?:_(?:format|to_sec)|stamp(?:diff|add)?|diff)?|o_(?:(?:second|day)s|base64|n?char)|r(?:uncate|im)|an)|m(?:a(?:ke(?:_set|date)|ster_pos_wait|x)|i(?:(?:crosecon)?d|n(?:ute)?)|o(?:nth(?:name)?|d)|d5)|f(?:i(?:eld(?:_in_set)?|nd_in_set)|rom_(?:unixtime|base64|days)|o(?:und_rows|rmat)|loor)|p(?:o(?:w(?:er)?|sition)|eriod_(?:diff|add)|rocedure_analyse|assword|g_sleep|i)|a(?:s(?:cii(?:str)?|in)|es_(?:de|en)crypt|dd(?:dat|tim)e|(?:co|b)s|tan2?|vg)|b(?:i(?:t_(?:length|count|x?or|and)|n(?:_to_num)?)|enchmark)|e(?:x(?:tract(?:value)?|p(?:ort_set)?)|nc(?:rypt|ode)|lt)|g(?:r(?:oup_conca|eates)t|et_(?:format|lock))|v(?:a(?:r(?:_(?:sam|po)p|iance)|lues)|ersion)|o(?:(?:ld_passwo)?rd|ct(?:et_length)?)|we(?:ek(?:ofyear|day)?|ight_string)|n(?:o(?:t_in|w)|ame_const|ullif)|h(?:ex(?:toraw)?|our)|qu(?:arter|ote)|year(?:week)?|xmltype)\W*?\(
```

Rule ID:942470

Description

SQL Injection Attack

Configured Header

```
SecRule
REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|!REQUEST_COOKIES:/_pk_ref/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|XML:/* @rx
(?i)autonomous_transaction|(?:current_use|n?varcha|tbcreato)r|db(?:a_users|ms_java)|open(?:owa_util|query|rowset)|s(?:p_(?:(?:addextendedpro|sqlexe)c|execute(?:sql)?|help|is_srvrolemember|makewebtask|oacreate|p(?:assword|repare)|replwritetovarbin)|ql_(?:longvarchar|variant))|utl_(?:file|http)|xp_(?:availablemedia|(?:cmdshel|servicecontro)l|dirtree|e(?:numdsn|xecresultset)|filelist|loginconfig|makecab|ntsec(?:_enumdomains)?|reg(?:addmultistring|delete(?:key|value)|enum(?:key|value)s|re(?:ad|movemultistring)|write)|terminate(?:_process)?)
```

Recommended Header

```
SecRule
REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|!REQUEST_COOKIES:/_pk_ref/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|XML:/* @rx
(?i:(?:xp_(?:reg(?:re(?:movemultistring|ad)|delete(?:value|key)|enum(?:value|key)s|addmultistring|write)|(?:servicecontro|cmdshel)l|e(?:xecresultset|numdsn)|ntsec(?:_enumdomains)?|terminate(?:_process)?|availablemedia|loginconfig|filelist|dirtree|makecab)|s(?:p_(?:(?:addextendedpro|sqlexe)c|p(?:as
```

<table>
<tr><td>sword|repare)|replwritetovarbin|is_srvrolemember|execute(?:sql)?|makewebtask|oacreate|help)|ql_(?:longvarchar|variant))|open(?:owa_util|rowset|query)|(?:n?varcha|tbcreato)r|autonomous_transaction|db(?:a_users|ms_java)|utl_(?:file|http)))</td></tr>
</table>

<table>
<tr><th>Rule ID:942480</th></tr>
<tr><td><b>Description</b></td></tr>
<tr><td>SQL Injection Attack</td></tr>
<tr><td><b>Configured Header</b></td></tr>
<tr><td>SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|!REQUEST_COOKIES:/_pk_ref/|REQUEST_COOKIES_NAMES|REQUEST_HEADERS|ARGS_NAMES|ARGS|XML:/* @rx (?i)\b(?:(?:d(?:bms_[0-9A-Z_a-z]+\.|elete\b[^0-9A-Z_a-z]*?\bfrom)|(?:group\b.*?\bby\b.{1100}?\bhav|overlay\b[^0-9A-Z_a-z]*?\(.*?\b[^0-9A-Z_a-z]*?plac)ing|in(?:ner\b[^0-9A-Z_a-z]*?\bjoin|sert\b[^0-9A-Z_a-z]*?\binto|to\b[^0-9A-Z_a-z]*?\b(?:dump|out)file)|load\b[^0-9A-Z_a-z]*?\bdata\b.*?\binfile|s(?:elect\b.{1100}?\b(?:(?:.*?\bdump\b.*|(?:count|length)\b.{1100}?)\bfrom|(?:data_typ|from\b.{1100}?\bwher)e|instr|to(?:_(?:cha|numbe)r|p\b.{1100}?\bfrom))|ys_context)|u(?:nion\b.{1100}?\bselect|tl_inaddr))\b|print\b[^0-9A-Z_a-z]*?@@)|(?:collation[^0-9A-Z_a-z]*?\(a|@@version|;[^0-9A-Z_a-z]*?\b(?:drop|shutdown))\b|(?:dbo|msdasql|s(?:a|qloledb))</td></tr>
<tr><td><b>Recommended Header</b></td></tr>
<tr><td>SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|!REQUEST_COOKIES:/_pk_ref/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|XML:/* @rx (?i:(?:\b(?:(?:s(?:elect\b.{1100}?\b(?:(?:(?:length|count)\b.{1100}?|.*?\bdump\b.*)\bfrom|to(?:p\b.{1100}?\bfrom|_(?:numbe|cha)r)|(?:from\b.{1100}?\bwher|data_typ)e|instr)|ys_context)|in(?:to\b\W*?\b(?:dump|out)file|sert\b\W*?\binto|ner\b\W*?\bjoin)|u(?:nion\b.{1100}?\bselect|tl_inaddr)|group\b.*?\bby\b.{1100}?\bhaving|d(?:elete\b\W*?\bfrom|bms_\w+\.)|load\b\W*?\bdata\b.*?\binfile)\b|print\b\W*?\@\@)|(?:;\W*?\b(?:shutdown|drop)|collation\W*?\(a|\@\@version)\b|(?:s(?:qloledb|a)|msdasql|dbo)))</td></tr>
</table>

<table>
<tr><th>Rule ID:942440</th></tr>
<tr><td><b>Description</b></td></tr>
<tr><td>SQL Comment Sequence Detected</td></tr>
</table>

Configured Header

```
SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|!REQUEST_COOKIES:/_pk_ref/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|XML:/* @rx /\*!?|\*/|[;]--|--(?:[\s\v]|[^\-]*?-)|[^&\-]#.*?[\s\v]|;?\x00
```

Recommended Header

```
SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|!REQUEST_COOKIES:/_pk_ref/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|XML:/* @rx (?:/\*!?|\*/|[;]--|--[\s\r\n\v\f]|--[^-]*?-|[^&-]#.*?[\s\r\n\v\f]|;?\\x00)
```

Rule ID:942510

Description

SQLi bypass attempt by ticks or backticks detected

Configured Header

```
SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|XML:/* @rx (?:`(?:(?:[\w\s=_\-+{}()<@]){229}|(?:[A-Za-z0-9+/]{4})+(?:[A-Za-z0-9+/]{2}==|[A-Za-z0-9+/]{3}=)?)`)
```

Recommended Header

```
SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|XML:/* @rx (?:`((?:[\w\s=_\-+{}()<@]){229}|(?:[A-Za-z0-9+\/]{4})+(?:[A-Za-z0-9+\/]{2}==|[A-Za-z0-9+\/]{3}=)?)`)
```

Rule ID:942251

Description

Detects HAVING injections

Configured Header

```
SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAM
```

<table>
<tr><td>ES|ARGS|XML:/* @rx (?i)\W+\d*?\s*?\bhaving\b\s*?[^\s\-]</td></tr>
<tr><td><b>Recommended Header</b></td></tr>
<tr><td>SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|XML:/* @rx (?i)\W+\d*?\s*?having\s*?[^\s\-]</td></tr>
</table>

<table>
<tr><th>Rule ID:942511</th></tr>
<tr><td><b>Description</b></td></tr>
<tr><td>SQLi bypass attempt by ticks detected</td></tr>
<tr><td><b>Configured Header</b></td></tr>
<tr><td>SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|XML:/* @rx (?:(?:(?:[\w\s=_\-+{}()<@]){229}|(?:[A-Za-z0-9+/]{4})+(?:[A-Za-z0-9+/]{2}==|[A-Za-z0-9+/]{3}=)?))</td></tr>
<tr><td><b>Recommended Header</b></td></tr>
<tr><td>SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|XML:/* @rx (?:((?:[\w\s=_\-+{}()<@]){229}|(?:[A-Za-z0-9+\/]{4})+(?:[A-Za-z0-9+\/]{2}==|[A-Za-z0-9+\/]{3}=)?))</td></tr>
</table>

<table>
<tr><th>Rule ID:951110</th></tr>
<tr><td><b>Description</b></td></tr>
<tr><td>Microsoft Access SQL Information Leakage</td></tr>
<tr><td><b>Configured Header</b></td></tr>
<tr><td>SecRule RESPONSE_BODY @rx (?iJET Database Engine|Access Database Engine|\[Microsoft\]\[ODBC Microsoft Access Driver\])</td></tr>
<tr><td><b>Recommended Header</b></td></tr>
<tr><td>id951110</td></tr>
</table>

<table>
<tr><th>Rule ID:951120</th></tr>
<tr><td><b>Description</b></td></tr>
</table>

<table>
<tr><td>Oracle SQL Information Leakage</td></tr>
<tr><td><b>Configured Header</b></td></tr>
<tr><td>SecRule RESPONSE_BODY @rx (?iORA-[0-9][0-9][0-9][0-9]|java\.sql\.SQLException|Oracle error|Oracle.*Driver|Warning.*oci_.*|Warning.*ora_.*)</td></tr>
<tr><td><b>Recommended Header</b></td></tr>
<tr><td>id951120</td></tr>
</table>

<table>
<tr><th>Rule ID:951130</th></tr>
<tr><td><b>Description</b></td></tr>
<tr><td>DB2 SQL Information Leakage</td></tr>
<tr><td><b>Configured Header</b></td></tr>
<tr><td>SecRule RESPONSE_BODY @rx (?iDB2 SQL error:|\[IBM\]\[CLI Driver\]\[DB2/6000\]|CLI Driver.*DB2|DB2 SQL error|db2_\w+\()</td></tr>
<tr><td><b>Recommended Header</b></td></tr>
<tr><td>id951130</td></tr>
</table>

<table>
<tr><th>Rule ID:951140</th></tr>
<tr><td><b>Description</b></td></tr>
<tr><td>EMC SQL Information Leakage</td></tr>
<tr><td><b>Configured Header</b></td></tr>
<tr><td>SecRule RESPONSE_BODY @rx (?i[DM_QUERY_E_SYNTAX\]|has occurred in the vicinity of:)</td></tr>
<tr><td><b>Recommended Header</b></td></tr>
<tr><td>id951140</td></tr>
</table>

<table>
<tr><th>Rule ID:951160</th></tr>
<tr><td><b>Description</b></td></tr>
<tr><td>Frontbase SQL Information Leakage</td></tr>
<tr><td><b>Configured Header</b></td></tr>
<tr><td>SecRule RESPONSE_BODY @rx (?i)Exception (?condition)?\d+\. Transaction rollback\.</td></tr>
<tr><td><b>Recommended Header</b></td></tr>
<tr><td>id951160</td></tr>
</table>

Rule ID:951180
Description
informix SQL Information Leakage
Configured Header
SecRule RESPONSE_BODY @rx (?iAn illegal character has been found in the statement|com\.informix\.jdbc|Exception.*Informix)
Recommended Header
id951180

Rule ID:951190
Description
ingres SQL Information Leakage
Configured Header
SecRule RESPONSE_BODY @rx (?iWarning.*ingres_|Ingres SQLSTATE|Ingres\W.*Driver)
Recommended Header
id951190

Rule ID:951200
Description
interbase SQL Information Leakage
Configured Header
SecRule RESPONSE_BODY @rx (?i<b>Warning</b>: ibase_|Unexpected end of command in statement)
Recommended Header
id951200

Rule ID:951210
Description
maxDB SQL Information Leakage
Configured Header
SecRule RESPONSE_BODY @rx (?iSQL error.*POS[0-9]+.*|Warning.*maxdb.*)

<table>
<tr><td><b>Recommended Header</b></td></tr>
<tr><td>id951210</td></tr>
</table>

<table>
<tr><th>Rule ID:951220</th></tr>
<tr><td><b>Description</b></td></tr>
<tr><td>mssql SQL Information Leakage</td></tr>
<tr><td><b>Configured Header</b></td></tr>
<tr><td>SecRule RESPONSE_BODY @rx (?i)(?System\.Data\.OleDb\.OleDbException|\[Microsoft\]\[ODBC SQL Server Driver\]|\[Macromedia\]\[SQLServer JDBC Driver\]|\[SqlException|System\.Data\.SqlClient\.SqlException|Unclosed quotation mark after the character string|80040e14|mssql_query\(\)|Microsoft OLE DB Provider for ODBC Drivers|Microsoft OLE DB Provider for SQL Server|Incorrect syntax near|Sintaxis incorrecta cerca de|Syntax error in string in query expression|Procedure or function .* expects parameter|Unclosed quotation mark before the character string|Syntax error .* in query expression|Data type mismatch in criteria expression\.|ADODB\.Field \(0x800A0BCD\)|the used select statements have different number of columns|OLE DB.*SQL Server|Warning.*mssql_.*|Driver.*SQL[_-]*Server|SQL Server.*Driver|SQL Server.*[0-9a-fA-F]{8}|Exception.*\WSystem\.Data\.SqlClient\.)</td></tr>
<tr><td><b>Recommended Header</b></td></tr>
<tr><td>id951220</td></tr>
</table>

<table>
<tr><th>Rule ID:951230</th></tr>
<tr><td><b>Description</b></td></tr>
<tr><td>mysql SQL Information Leakage</td></tr>
<tr><td><b>Configured Header</b></td></tr>
<tr><td>SecRule RESPONSE_BODY @rx (?i)(?supplied argument is not a valid |SQL syntax.*)MySQL|Column count doesnt match(?: value count at row)?|mysql_fetch_array\(\)|on MySQL result index|You have an error in your SQL syntax(?:;| near)|MyS(?:QL server version for the right syntax to use|qlClient\.)|\[MySQL\]\[ODBC|(?:Table [^]+ doesnt exis|valid MySQL resul)t|Warning.{110}mysql_(?:[\(-\)_a-z]{126})?|ERROR [0-9]{4} \([0-9a-z]{5}\):</td></tr>
<tr><td><b>Recommended Header</b></td></tr>
<tr><td>id951230</td></tr>
</table>

<table>
<tr><th>Rule ID:951240</th></tr>
<tr><td><b>Description</b></td></tr>
<tr><td>postgres SQL Information Leakage</td></tr>
<tr><td><b>Configured Header</b></td></tr>
<tr><td>SecRule RESPONSE_BODY @rx (?i)P(?ostgreSQL(?: query failed:|.{120}ERROR)|G::[a-z]*Error)|pg_(?:query|exec)\(\) \[:|Warning.*\bpg_.*|valid PostgreSQL result|Npgsql\.|Supplied argument is not a valid PostgreSQL .*? resource|Unable to connect to PostgreSQL server</td></tr>
<tr><td><b>Recommended Header</b></td></tr>
<tr><td>id951240</td></tr>
</table>

<table>
<tr><th>Rule ID:951250</th></tr>
<tr><td><b>Description</b></td></tr>
<tr><td>sqlite SQL Information Leakage</td></tr>
<tr><td><b>Configured Header</b></td></tr>
<tr><td>SecRule RESPONSE_BODY @rx (?i)(?Warning.*sqlite_.*|Warning.*SQLite3::|SQLite/JDBCDriver|SQLite\.Exception|System\.Data\.SQLite\.SQLiteException)</td></tr>
<tr><td><b>Recommended Header</b></td></tr>
<tr><td>id951250</td></tr>
</table>

<table>
<tr><th>Rule ID:951260</th></tr>
<tr><td><b>Description</b></td></tr>
<tr><td>Sybase SQL Information Leakage</td></tr>
<tr><td><b>Configured Header</b></td></tr>
<tr><td>SecRule RESPONSE_BODY @rx (?i)(?Sybase message:|Warning.{220}sybase|Sybase.*Server message.*)</td></tr>
<tr><td><b>Recommended Header</b></td></tr>
<tr><td>id951260</td></tr>
</table>

<table>
<tr><th>Rule ID:954100</th></tr>
</table>

Description
Disclosure of IIS install location
Configured Header
SecRule RESPONSE_BODY @rx [a-z]x5cinetpub\b
Recommended Header
SecRule RESPONSE_BODY @rx [a-z]inetpub\b

Rule ID:954110
Description
Application Availability Error
Configured Header
SecRule RESPONSE_BODY @rx (?Microsoft OLE DB Provider for SQL Server(?:</font>.{120}?error 800(?:04005|40e31).{140}?Timeout expired|\(0x80040e31\) Timeout expired)|<h1>internal server error</h1>.*?<h2>part of the server has crashed or it has a configuration error\.</h2>|cannot connect to the server: timed out)
Recommended Header
SecRule RESPONSE_BODY @rx (?Microsoft OLE DB Provider for SQL Server(?:<\/font>.{120}?error 800(?:04005|40e31).{140}?Timeout expired|\(0x80040e31\) Timeout expired)|<h1>internal server error<\/h1>.*?<h2>part of the server has crashed or it has a configuration error\.<\/h2>|cannot connect to the server: timed out)

Rule ID:954120
Description
IIS Information Leakage
Configured Header
id954120
Recommended Header
SecRule RESPONSE_BODY @rx (?b(?:A(?:DODB\.Command\b.{0100}?\b(?:Application uses a value of the wrong type for the current operation\b|error)| trappable error occurred in an external object\. The script cannot continue running\b)|Microsoft VBScript (?:compilation (?:\(0x8|error)|runtime (?:Error|\(0x8))\b|Object required: |error 800)|<b>Version

<table>
<tr><td>Information:<\/b>(?:&nbsp;|\s)(?:Microsoft \.NET Framework|ASP\.NET) Version:|>error ASP\b|An Error Has Occurred|>Syntax error in string in query expression|\/[Ee]rror[Mm]essage\.aspx?\?[Ee]rror\b)</td></tr>
</table>

<table>
<tr><th>Rule ID:930100</th></tr>
<tr><td><b>Description</b></td></tr>
<tr><td>Path Traversal Attack (/../) or (/.../)</td></tr>
<tr><td><b>Configured Header</b></td></tr>
<tr><td>SecRule REQUEST_URI_RAW|ARGS|REQUEST_HEADERS|!REQUEST_HEADERSReferer|FILES|XML:/* @rx (?i)(?:[/\x5c]|%(?:2(?:f|5(?:2f|5c|c(?:1%259c|0%25af))|%46)|5c|c(?:0%(?:[2aq]f|5c|9v)|1%(?:[19p]c|8s|af))|(?:bg%q|(?:e|f(?:8%8)?0%8)0%80%a)f|u(?:221[5-6]|EFC8|F025|002f)|%3(?:2(?:%(?:%6|4)6|F)|5%%63)|1u)|0x(?:2f|5c))(?:\.(?:%0[0-1]|\?)?|\?\.?|%(?:2(?:(?:5(?:2|c0%25a))?e|%45)|c0(?:\.|%[25-6ae-f]e)|u(?:(?:ff0|002)e|2024)|%32(?:%(?:%6|4)5|E)|(?:e|f(?:(?:8|c%80)%8)?0%8)0%80%ae)|0x2e){23}(?:[/\x5c]|%(?:2(?:f|5(?:2f|5c|c(?:1%259c|0%25af))|%46)|5c|c(?:0%(?:[2aq]f|5c|9v)|1%(?:[19p]c|8s|af))|(?:bg%q|(?:e|f(?:8%8)?0%8)0%80%a)f|u(?:221[5-6]|EFC8|F025|002f)|%3(?:2(?:%(?:%6|4)6|F)|5%%63)|1u)|0x(?:2f|5c))</td></tr>
<tr><td><b>Recommended Header</b></td></tr>
<tr><td>SecRule REQUEST_URI_RAW|ARGS|REQUEST_HEADERS|!REQUEST_HEADERSReferer|XML:/* @rx (?i)(?:\x5c|(?:%(?:c(?:0%(?:[2aq]f|5c|9v)|1%(?:[19p]c|8s|af))|2(?:5(?:c(?:0%25af|1%259c)|2f|5c)|%46|f)|(?:(?:f(?:8%8)?0%8|e)0%80%a|bg%q)f|%3(?:2(?:%(?:%6|4)6|F)|5%%63)|u(?:221[56]|002f|EFC8|F025)|1u|5c)|0x(?:2f|5c)|\/))(?:%(?:(?:f(?:(?:c%80|8)%8)?0%8|e)0%80%ae|2(?:(?:5(?:c0%25a|2))?e|%45)|u(?:(?:002|ff0)e|2024)|%32(?:%(?:%6|4)5|E)|c0(?:%[256aef]e|\.))|\.(?:%0[01]|\?)?|\?\.?|0x2e){2}(?:\x5c|(?:%(?:c(?:0%(?:[2aq]f|5c|9v)|1%(?:[19p]c|8s|af))|2(?:5(?:c(?:0%25af|1%259c)|2f|5c)|%46|f)|(?:(?:f(?:8%8)?0%8|e)0%80%a|bg%q)f|%3(?:2(?:%(?:%6|4)6|F)|5%%63)|u(?:221[56]|002f|EFC8|F025)|1u|5c)|0x(?:2f|5c)|\/))</td></tr>
</table>

<table>
<tr><th>Rule ID:930110</th></tr>
<tr><td><b>Description</b></td></tr>
</table>

<table>
<tr><td>Path Traversal Attack (/../) or (/.../)</td></tr>
<tr><td><b>Configured Header</b></td></tr>
<tr><td>SecRule REQUEST_URI|ARGS|REQUEST_HEADERS|!REQUEST_HEADERSReferer|FILES|XML:/* @rx (?:(?:^|[\x5c/;])\.{23}[\x5c/;]|[\x5c/;]\.{23}(?:[\x5c/;]|$))</td></tr>
<tr><td><b>Recommended Header</b></td></tr>
<tr><td>SecRule REQUEST_URI|ARGS|REQUEST_HEADERS|!REQUEST_HEADERSReferer|XML:/* @rx (?:^|[\\/])\.\.(?:[\\/]|$)</td></tr>
</table>

<table>
<tr><th>Rule ID:941130</th></tr>
<tr><td><b>Description</b></td></tr>
<tr><td>XSS Filter - Category 3: Attribute Vector</td></tr>
<tr><td><b>Configured Header</b></td></tr>
<tr><td>SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|REQUEST_HEADERS:User-Agent|ARGS_NAMES|ARGS|REQUEST_FILENAME|XML:/* @rx (?i).(?:\b(?:x(?:link:href|html|mlns)|data:text/html|formaction|pattern\b.*?=)|!ENTITY[\s\v]+(?:%[\s\v]+)?[^\s\v]+[\s\v]+(?:SYSTEM|PUBLIC)|@import|;base64)\b</td></tr>
<tr><td><b>Recommended Header</b></td></tr>
<tr><td>SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|REQUEST_HEADERS:User-Agent|ARGS_NAMES|ARGS|XML:/* @rx (?i)[\s\S](?:!ENTITY\s+(?:\S+|%\s+\S+)\s+(?:PUBLIC|SYSTEM)|x(?:link:href|html|mlns)|data:text\/html|pattern\b.*?=|formaction|\@import|;base64)\b</td></tr>
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<table>
<tr><th>Rule ID:941140</th></tr>
<tr><td><b>Description</b></td></tr>
<tr><td>XSS Filter - Category 4: Javascript URI Vector</td></tr>
<tr><td><b>Configured Header</b></td></tr>
<tr><td>SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|REQUEST_H</td></tr>
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<table>
<tr><td>EADERS:User-Agent|REQUEST_HEADERS:Referer|ARGS_NAMES|ARGS|REQUEST_FILENAME|XML:/* @rx (?i)[a-z]+=(?:[^:=]+:.+;)*?[^:=]+:url\(javascript</td></tr>
<tr><td><b>Recommended Header</b></td></tr>
<tr><td>SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|REQUEST_HEADERS:User-Agent|REQUEST_HEADERS:Referer|ARGS_NAMES|ARGS|XML:/* @rx (?i)(?:<(?:(?:apple|objec)t|isindex|embed|style|form|meta)\b[^>]*?>[\s\S]*?|(?:=|U\s*?R\s*?L\s*?\()\s*?[^>]*?\s*?S\s*?C\s*?R\s*?I\s*?P\s*?T\s*?:)</td></tr>
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<tr><th>Rule ID:941160</th></tr>
<tr><td><b>Description</b></td></tr>
<tr><td>NoScript XSS InjectionChecker: HTML Injection</td></tr>
<tr><td><b>Configured Header</b></td></tr>
<tr><td>SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|REQUEST_HEADERS:User-Agent|REQUEST_HEADERS:Referer|ARGS_NAMES|ARGS|REQUEST_FILENAME|XML:/* @rx (?i)<[^0-9<>A-Z_a-z]*(?:[^\s\v\<>]*:)?[^0-9<>A-Z_a-z]*[^0-9A-Z_a-z]*?(?:s[^0-9A-Z_a-z]*?(?:c[^0-9A-Z_a-z]*?r[^0-9A-Z_a-z]*?i[^0-9A-Z_a-z]*?p[^0-9A-Z_a-z]*?t|t[^0-9A-Z_a-z]*?y[^0-9A-Z_a-z]*?l[^0-9A-Z_a-z]*?e|v[^0-9A-Z_a-z]*?g|e[^0-9A-Z_a-z]*?t[^0-9>A-Z_a-z])|f[^0-9A-Z_a-z]*?o[^0-9A-Z_a-z]*?r[^0-9A-Z_a-z]*?m|m[^0-9A-Z_a-z]*?(?:a[^0-9A-Z_a-z]*?r[^0-9A-Z_a-z]*?q[^0-9A-Z_a-z]*?u[^0-9A-Z_a-z]*?e[^0-9A-Z_a-z]*?e|e[^0-9A-Z_a-z]*?t[^0-9A-Z_a-z]*?a[^0-9>A-Z_a-z])|(?:l[^0-9A-Z_a-z]*?i[^0-9A-Z_a-z]*?n[^0-9A-Z_a-z]*?k|o[^0-9A-Z_a-z]*?b[^0-9A-Z_a-z]*?j[^0-9A-Z_a-z]*?e[^0-9A-Z_a-z]*?c[^0-9A-Z_a-z]*?t|e[^0-9A-Z_a-z]*?m[^0-9A-Z_a-z]*?b[^0-9A-Z_a-z]*?e[^0-9A-Z_a-z]*?d|a[^0-9A-Z_a-z]*?(?:p[^0-9A-Z_a-z]*?p[^0-9A-Z_a-z]*?l[^0-9A-Z_a-z]*?e[^0-9A-Z_a-z]*?t|u[^0-9A-Z_a-z]*?d[^0-9A-Z_a-z]*?i[^0-9A-Z_a-z]*?o|n[^0-9A-Z_a-z]*?i[^0-9A-Z_a-z]*?m[^0-9A-Z_a-z]*?a[^0-9A-Z_a-z]*?t[^0-9A-Z_a-z]*?e)|p[^0-9A-Z_a-z]*?a[^0-9A-Z_a-z]*?r[^0-9A-Z_a-z]*?a[^0-9A-Z_a-z]*?m|i?[^0-9A-Z_a-z]*?f[^0-9A-Z_a-z]*?r[^0-9A-Z_a-z]*?a[^0-9A-Z_a-z]*?m[^0-9A-Z_a-z]*?e|b[^0-9A-Z_a-z]*?(?:a[^0-9A-Z_a-z]*?s[^0-9A-Z_a-z]*?e|o[^0-9A-Z_a-z]*?d[^0-9A-Z_a-z]*?y|i[^0-9A-Z_a-z]*?n[^0-9A-Z_a-z]*?d[^0-9A-Z_a-z]*?i[^0-9A-Z_a-z]*?n[^0-9A-Z_a-z]*?g[^0-9A-Z_a-z]*?s)|i[^0-9A-Z_a-z]*?m[^0-9A-Z_a-z]*?a?[^0-9A-Z_a-z]*?g[^0-9A-Z_a-z]*?e?|v[^0-9A-Z_a-z]*?i[^0-9A-Z_a-z]*?d[^0-9A-Z_a-z]*?e[^0-9A-Z_a-z]*?o)[^</td></tr>
</table>

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0-9>A-Z_a-z])|(?:<[0-9A-Z_a-z].*[\s\v/]|[\](?:.*[\s\v/])?)(?:background|formaction|lowsrc|on(?:a(?:bort|ctivate|d(?:apteradded|dtrack)|fter(?:print|(?:scriptexecu|upda)te)|lerting|n(?:imation(?:end|iteration|start)|tennastatechange)|ppcommand|udio(?:end|process|start))|b(?:e(?:fore(?:(?:(?:(?:de)?activa|scriptexecu)te|c(?:opy|ut)|editfocus|p(?:aste|rint)|u(?:nload|pdate))|gin(?:Event)?)|l(?:ocked|ur)|oun(?:ce|dary)|roadcast|usy)|c(?:a(?:(?:ch|llschang)ed|nplay(?:through)?|rdstatechange)|(?:ell|fstate)change|h(?:a(?:rging(?:time)?cha)?nge|ecking)|l(?:ick|ose)|o(?:m(?:mand(?:update)?|p(?:lete|osition(?:end|start|update)))|n(?:nect(?:ed|ing)|t(?:extmenu|rolselect))|py)|u(?:echange|t))|d(?:ata(?:(?:availabl|chang)e|error|setc(?:hanged|omplete))|blclick|e(?:activate|livery(?:error|success)|vice(?:found|light|(?:mo|orienta)tion|proximity))|i(?:aling|s(?:abled|c(?:hargingtimechange|onnect(?:ed|ing))))|o(?:m(?:a(?:ctivate|ttrmodified)|(?:characterdata|subtree)modified|focus(?:in|out)|mousescroll|node(?:inserted(?:intodocument)?|removed(?:fromdocument)?))|wnloading)|r(?:ag(?:drop|e(?:n(?:d|ter)|xit)|(?:gestur|leav)e|over|start)|op)|urationchange)|e(?:mptied|n(?:abled|d(?:ed|Event)?|ter)|rror(?:update)?|xit)|f(?:ailed|i(?:lterchange|nish)|o(?:cus(?:in|out)?|rm(?:change|input)))|g(?:amepad(?:axismove|button(?:down|up)|(?:dis)?connected)|et)|h(?:ashchange|e(?:adphoneschange|l[dp])|olding)|i(?:cc(?:cardlockerror|infochange)|n(?:coming|put|valid))|key(?:down|press|up)|l(?:evelchange|o(?:ad(?:e(?:d(?:meta)?data|nd)|start)?|secapture)|y)|m(?:ark|essage|o(?:use(?:down|enter|(?:lea|mo)ve|o(?:ut|ver)|up|wheel)|ve(?:end|start)?|z(?:a(?:fterpaint|udioavailable)|(?:beforeresiz|orientationchang|t(?:apgestur|imechang))e|(?:edgeui(?:c(?:ancel|omplet)|start)e|network(?:down|up)loa)d|fullscreen(?:change|error)|m(?:agnifygesture(?:start|update)?|ouse(?:hittest|pixelscroll))|p(?:ointerlock(?:change|error)|resstapgesture)|rotategesture(?:start|update)?|s(?:crolledareachanged|wipegesture(?:end|start|update)?))))|no(?:match|update)|o(?:(?:bsolet|(?:ff|n)lin)e|pen|verflow(?:changed)?)|p(?:a(?:ge(?:hide|show)|int|(?:st|us)e)|lay(?:ing)?|op(?:state|up(?:hid(?:den|ing)|show(?:ing|n)))|ro(?:gress|pertychange))|r(?:atechange|e(?:adystatechange|ceived|movetrack|peat(?:Event)?|quest|s(?:et|ize|u(?:lt|m(?:e|ing)))|trieving)|ow(?:e(?:nter|xit)|s(?:delete|inserted)))|s(?:croll|e(?:ek(?:complete|ed|ing)|lect(?:start)?|n(?:ding|t)|t)|how|(?:ound|peech)(?:end|start)|t(?:a(?:lled|rt|t(?:echange|uschanged))|k(?:comma|sessione)nd|op)|u(?:bmit|ccess|spend)|vg(?:abort|error|(?:un)?load|resize|scroll|zoom))|t(?:ext|ime(?:out|update)|ouch(?:cancel|en(?:d|ter)|(?:lea|mo)ve|start)|ransition(?:cancel|end|run))|u(?:n(?:derflow|load)|p(?:dateready|gradeneeded)|s(?:erproximity|sdreceived))|v(?:ersion|o(?:ic|lum)e)change|w(?:a(?:it|rn)ing|heel)|zoom)|ping|s(?:rc|tyle))[\x08-\n\f-\r ]*?=
```

Recommended Header

SecRule

```
REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|REQUEST_H
EADERS:User-Agent|REQUEST_HEADERS:Referer|ARGS_NAMES|ARGS|XML:/* @rx
(?i:(?:<\w[\s\S]*[\s\/]|['\"](?:[\s\S]*[\s\/])?)(?:on(?:d(?:e(?:vice(?:(?:orienta|mo)tion|proximity|found|light)|li
very(?:success|error)|activate)|r(?:ag(?:e(?:n(?:ter|d)|xit)|(?:gestur|leav)e|start|drop|over)|op)|i(?:s(?:c
(?:hargingtimechange|onnect(?:ing|ed))|abled)|aling)|ata(?:setc(?:omplete|hanged)|(?:availabl|chang
)e|error)|urationchange|ownloading|blclick)|Moz(?:M(?:agnifyGesture(?:Update|Start)?|ouse(?:PixelS
croll|Hittest))|S(?:wipeGesture(?:Update|Start|End)?|crolledAreaChanged)|(?:(?:Press)?TapGestur|B
eforeResiz)e|EdgeUI(?:C(?:omplet|ancel)|Start)ed|RotateGesture(?:Update|Start)?|A(?:udioAvailable
|fterPaint))|c(?:o(?:m(?:p(?:osition(?:update|start|end)|lete)|mand(?:update)?)|n(?:t(?:rolselect|extme
nu)|nect(?:ing|ed))|py)|a(?:(?:llschang|ch)ed|nplay(?:through)?|rdstatechange)|h(?:(?:arging(?:time)?
ch)?ange|ecking)|(?:fstate|ell)change|u(?:echange|t)|l(?:ick|ose))|s(?:t(?:a(?:t(?:uschanged|echange)|
lled|rt)|k(?:sessione|comma)nd|op)|e(?:ek(?:complete|ing|ed)|(?:lec(?:tstar)?)?t|n(?:ding|t))|(?:peech|
ound)(?:start|end)|u(?:ccess|spend|bmit)|croll|how)|m(?:o(?:z(?:(?:pointerlock|fullscreen)(?:change|er
ror)|(?:orientation|time)change|network(?:down|up)load)|use(?:(?:lea|mo)ve|o(?:ver|ut)|enter|wheel|d
own|up)|ve(?:start|end)?)|essage|ark)|a(?:n(?:imation(?:iteration|start|end)|tennastatechange)|fter(?:(
?:scriptexecu|upda)te|print)|udio(?:process|start|end)|d(?:apteradded|dtrack)|ctivate|lerting|bort)|b(?:
e(?:fore(?:(?:(?:de)?activa|scriptexecu)te|u(?:nload|pdate)|p(?:aste|rint)|c(?:opy|ut)|editfocus)|gin(?:E
vent)?)|oun(?:dary|ce)|l(?:ocked|ur)|roadcast|usy)|DOM(?:Node(?:Inserted(?:IntoDocument)?|Remov
ed(?:FromDocument)?)|(?:CharacterData|Subtree)Modified|A(?:ttrModified|ctivate)|Focus(?:Out|In)|
MouseScroll)|r(?:e(?:s(?:u(?:m(?:ing|e)|lt)|ize|et)|adystatechange|pea(?:tEven)?t|movetrack|trieving|c
eived)|ow(?:s(?:inserted|delete)|e(?:nter|xit))|atechange)|p(?:op(?:up(?:hid(?:den|ing)|show(?:ing|n))|
state)|a(?:ge(?:hide|show)|(?:st|us)e|int)|ro(?:pertychange|gress)|lay(?:ing)?)|t(?:ouch(?:(?:lea|mo)ve|
en(?:ter|d)|cancel|start)|ransition(?:cancel|end|run)|ime(?:update|out)|ext)|u(?:s(?:erproximity|sdrecei
ved)|p(?:gradeneeded|dateready)|n(?:derflow|load))|f(?:o(?:rm(?:change|input)|cus(?:out|in)?)|i(?:lter
change|nish)|ailed)|l(?:o(?:ad(?:e(?:d(?:meta)?data|nd)|start)|secapture)|evelchange|y)|g(?:amepad(
?:(?:dis)?connected|button(?:down|up)|axismove)|et)|e(?:n(?:d(?:Event|ed)?|abled|ter)|rror(?:update)
?|mptied|xit)|i(?:cc(?:cardlockerror|infochange)|n(?:coming|valid|put))|o(?:(?:(?:ff|n)lin|bsolet)e|verflo
w(?:changed)?|pen)|SVG(?:(?:Unl|L)oad|Resize|Scroll|Abort|Error|Zoom)|h(?:e(?:adphoneschange|l[
dp])|ashchange|olding)|v(?:o(?:lum|ic)e|ersion)change|w(?:a(?:it|rn)ing|heel)|key(?:press|down|up)|(?
:AppComman|Loa)d|no(?:update|match)|Request|zoom)|s(?:tyle|rc)|background|formaction|lowsrc|pi
ng)[\s\x08]*?=|<[^\w<>]*(?:[^<>\"'\s]*:)?[^\w<>]*\W*?(?:(?:a\W*?(?:n\W*?i\W*?m\W*?a\W*?t\W*?e|p\W
```

<table>
<tr><td>*?p\W*?l\W*?e\W*?t|u\W*?d\W*?i\W*?o)|b\W*?(?:i\W*?n\W*?d\W*?i\W*?n\W*?g\W*?s|a\W*?s\W*?e|o\W*?d\W*?y)|i?\W*?f\W*?r\W*?a\W*?m\W*?e|o\W*?b\W*?j\W*?e\W*?c\W*?t|i\W*?m\W*?a?\W*?g\W*?e?|e\W*?m\W*?b\W*?e\W*?d|p\W*?a\W*?r\W*?a\W*?m|v\W*?i\W*?d\W*?e\W*?o|l\W*?i\W*?n\W*?k)[^>\w]|s\W*?(?:c\W*?r\W*?i\W*?p\W*?t|t\W*?y\W*?l\W*?e|e\W*?t[^>\w]|v\W*?g)|m\W*?(?:a\W*?r\W*?q\W*?u\W*?e\W*?e|e\W*?t\W*?a[^>\w])|f\W*?o\W*?r\W*?m))</td></tr>
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<table>
<tr><th>Rule ID:941170</th></tr>
<tr><td><b>Description</b></td></tr>
<tr><td>NoScript XSS InjectionChecker: Attribute Injection</td></tr>
<tr><td><b>Configured Header</b></td></tr>
<tr><td>SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|REQUEST_HEADERS:User-Agent|REQUEST_HEADERS:Referer|ARGS_NAMES|ARGS|REQUEST_FILENAME|XML:/* @rx (?i)(?:\W|^)(?:javascript:(?:[\s\S]+[=\x5c\(\[\.<]|[\s\S]*?(?:\bname\b|\x5c[ux]\d))|data:(?:(?:[a-z]\w+/\w[\w+-]+\w)?[;]|[\s\S]*?;[\s\S]*?\b(?:base64|charset=)|[\s\S]*?[\s\S]*?<[\s\S]*?\w[\s\S]*?>))|@\W*?i\W*?m\W*?p\W*?o\W*?r\W*?t\W*?(?:/*[\s\S]*?)?(?:[\]|\W*?u\W*?r\W*?l[\s\S]*?\()|[^-]*?-\W*?m\W*?o\W*?z\W*?-\W*?b\W*?i\W*?n\W*?d\W*?i\W*?n\W*?g[^:]*?:\W*?u\W*?r\W*?l[\s\S]*?\(</td></tr>
<tr><td><b>Recommended Header</b></td></tr>
<tr><td>SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|REQUEST_HEADERS:User-Agent|REQUEST_HEADERS:Referer|ARGS_NAMES|ARGS|XML:/* @rx (?i)(?:\W|^)(?:javascript:(?:[\s\S]+[=\\\(\[\.<]|[\s\S]*?(?:\bname\b|\\[ux]\d))|data:(?:(?:[a-z]\w+\/\w[\w+-]+\w)?[;]|[\s\S]*?;[\s\S]*?\b(?:base64|charset=)|[\s\S]*?[\s\S]*?<[\s\S]*?\w[\s\S]*?>))|@\W*?i\W*?m\W*?p\W*?o\W*?r\W*?t\W*?(?:\/*[\s\S]*?)?(?:[\]|\W*?u\W*?r\W*?l[\s\S]*?\()|\W*?-\W*?m\W*?o\W*?z\W*?-\W*?b\W*?i\W*?n\W*?d\W*?i\W*?n\W*?g[\s\S]*?:[\s\S]*?\W*?u\W*?r\W*?l[\s\S]*?\(</td></tr>
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<tr><td>Node-Validator Deny List Keywords</td></tr>
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<tr><td><b>Recommended Header</b></td></tr>
<tr><td>SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|XML:/* @pm document.cookie document.write .parentnode .innerhtml window.location -moz-binding <!-- --> <![cdata[</td></tr>
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<table>
<tr><th>Rule ID:941190</th></tr>
<tr><td><b>Description</b></td></tr>
<tr><td>IE XSS Filters - Attack Detected</td></tr>
<tr><td><b>Configured Header</b></td></tr>
<tr><td>SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|REQUEST_FILENAME|XML:/* @rx (?i:<style.*?>.*?(?:@[i\x5c]|(?:[:=]|&#x?0*(?:58|3A|61|3D);?).*?(?:[(\x5c]|&#x?0*(?:40|28|92|5C);?)))</td></tr>
<tr><td><b>Recommended Header</b></td></tr>
<tr><td>SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|XML:/* @rx (?i:<style.*?>.*?(?:@[i\\\\]|(?:[:=]|&#x?0*(?:58|3A|61|3D);?).*?(?:[(\\\\]|&#x?0*(?:40|28|92|5C);?)))</td></tr>
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<tr><td><b>Configured Header</b></td></tr>
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<tr><td>SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|XML:/* @rx (?i:<.*[:]?vmlframe.*?[\s/+]*?src[\s/+]*=)</td></tr>
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<table>
<tr><th>Rule ID:941210</th></tr>
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<tr><td><b>Configured Header</b></td></tr>
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<tr><td><b>Recommended Header</b></td></tr>
<tr><td>SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|XML:/* @rx (?i:(?:j|&#x?0*(?:74|4A|106|6A);?)(?:\t|&(?:#x?0*(?:9|13|10|A|D);?|tab;|newline;))*(?:a|&#x?0*(?:65|41|97|61);?)(?:\t|&(?:#x?0*(?:9|13|10|A|D);?|tab;|newline;))*(?:v|&#x?0*(?:86|56|118|76);?)(?:\t|&(?:#x?0*(?:9|13|10|A|D);?|tab;|newline;))*(?:a|&#x?0*(?:65|41|97|61);?)(?:\t|&(?:#x?0*(?:9|13|10|A|D);?|tab;|newline;))*(?:s|&#x?0*(?:83|53|115|73);?)(?:\t|&(?:#x?0*(?:9|13|10|A|D);?|tab;|newline;))*(?:c|&#x?0*(?:67|43|99|63);?)(?:\t|&(?:#x?0*(?:9|13|10|A|D);?|tab;|newline;))*(?:r|&#x?0*(?:82|52|114|72);?)(?:\t|&(?:#x?0*(?:9|13|10|A|D);?|tab;|newline;))*(?:i|&#x?0*(?:73|49|105|69);?)(?:\t|&(?:#x?0*(?:9|13|10|A|</td></tr>
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<tr><td>D);?|tab;|newline;))*(?:p|&#x?0*(?:80|50|112|70);?)(?:\t|&(?:#x?0*(?:9|13|10|A|D);?|tab;|newline;))*(?:t|&#x?0*(?:84|54|116|74);?)(?:\t|&(?:#x?0*(?:9|13|10|A|D);?|tab;|newline;))*(?::|&(?:#x?0*(?:58|3A);?|colon;)).)</td></tr>
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<tr><th>Rule ID:941220</th></tr>
<tr><td><b>Description</b></td></tr>
<tr><td>IE XSS Filters - Attack Detected</td></tr>
<tr><td><b>Configured Header</b></td></tr>
<tr><td>SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|REQUEST_FILENAME|XML:/* @rx (?i:(?:v|&#x?0*(?:86|56|118|76);?)(?:\t|&(?:#x?0*(?:9|13|10|A|D);?|tab;|newline;))*(?:b|&#x?0*(?:66|42|98|62);?)(?:\t|&(?:#x?0*(?:9|13|10|A|D);?|tab;|newline;))*(?:s|&#x?0*(?:83|53|115|73);?)(?:\t|&(?:#x?0*(?:9|13|10|A|D);?|tab;|newline;))*(?:c|&#x?0*(?:67|43|99|63);?)(?:\t|&(?:#x?0*(?:9|13|10|A|D);?|tab;|newline;))*(?:r|&#x?0*(?:82|52|114|72);?)(?:\t|&(?:#x?0*(?:9|13|10|A|D);?|tab;|newline;))*(?:i|&#x?0*(?:73|49|105|69);?)(?:\t|&(?:#x?0*(?:9|13|10|A|D);?|tab;|newline;))*(?:p|&#x?0*(?:80|50|112|70);?)(?:\t|&(?:#x?0*(?:9|13|10|A|D);?|tab;|newline;))*(?:t|&#x?0*(?:84|54|116|74);?)(?:\t|&(?:#x?0*(?:9|13|10|A|D);?|tab;|newline;))*(?::|&(?:#x?0*(?:58|3A);?|colon;)).)</td></tr>
<tr><td><b>Recommended Header</b></td></tr>
<tr><td>SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|XML:/* @rx (?i:(?:v|&#x?0*(?:86|56|118|76);?)(?:\t|&(?:#x?0*(?:9|13|10|A|D);?|tab;|newline;))*(?:b|&#x?0*(?:66|42|98|62);?)(?:\t|&(?:#x?0*(?:9|13|10|A|D);?|tab;|newline;))*(?:s|&#x?0*(?:83|53|115|73);?)(?:\t|&(?:#x?0*(?:9|13|10|A|D);?|tab;|newline;))*(?:c|&#x?0*(?:67|43|99|63);?)(?:\t|&(?:#x?0*(?:9|13|10|A|D);?|tab;|newline;))*(?:r|&#x?0*(?:82|52|114|72);?)(?:\t|&(?:#x?0*(?:9|13|10|A|D);?|tab;|newline;))*(?:i|&#x?0*(?:73|49|105|69);?)(?:\t|&(?:#x?0*(?:9|13|10|A|D);?|tab;|newline;))*(?:p|&#x?0*(?:80|50|112|70);?)(?:\t|&(?:#x?0*(?:9|13|10|A|D);?|tab;|newline;))*(?:t|&#x?0*(?:84|54|116|74);?)(?:\t|&(?:#x?0*(?:9|13|10|A|D);?|tab;|newline;))*(?::|&(?:#x?0*(?:58|3A);?|colon;)).)</td></tr>
</table>

<table>
<tr><th>Rule ID:941230</th></tr>
</table>

<table>
<tr><th>Description</th></tr>
<tr><td>IE XSS Filters - Attack Detected</td></tr>
<tr><td><b>Configured Header</b></td></tr>
<tr><td>SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|REQUEST_FILENAME|XML:/* @rx (?i)<EMBED[\s/+].*?(?:src|type).*?=</td></tr>
<tr><td><b>Recommended Header</b></td></tr>
<tr><td>SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|XML:/* @rx (?i)<EMBED[\s/+].*?(?:src|type).*?=</td></tr>
</table>

<table>
<tr><th>Rule ID:941240</th></tr>
<tr><td><b>Description</b></td></tr>
<tr><td>IE XSS Filters - Attack Detected</td></tr>
<tr><td><b>Configured Header</b></td></tr>
<tr><td>SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|REQUEST_FILENAME|XML:/* @rx <[?]?import[\s/+\S]*?implementation[\s/+]*?=</td></tr>
<tr><td><b>Recommended Header</b></td></tr>
<tr><td>SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|XML:/* @rx <[?]?import[\s\/+\S]*?implementation[\s\/+]*?=</td></tr>
</table>

<table>
<tr><th>Rule ID:941250</th></tr>
<tr><td><b>Description</b></td></tr>
<tr><td>IE XSS Filters - Attack Detected</td></tr>
<tr><td><b>Configured Header</b></td></tr>
<tr><td>SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|REQUEST_FILENAME|XML:/* @rx (?i:<META[\s/+].*?http-equiv[\s/+]*=[\s/+]*[\`]?(?:(?:c|&#x?0*(?:67|43|99|63);?)|(?:r|&#x?0*(?:82|52|11</td></tr>
</table>

```
4|72);?)|(?:s|&#x?0*(?:83|53|115|73);?)))
```

Recommended Header

```
SecRule
REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|XML:/* @rx
(?i:<META[\s/+].*?http-equiv[\s/+]*=[\s/+]*[\`]?(?:(?:c|&#x?0*(?:67|43|99|63);?)|(?:r|&#x?0*(?:82|52|114|72);?)|(?:s|&#x?0*(?:83|53|115|73);?)))
```

Rule ID:941260

Description

IE XSS Filters - Attack Detected

Configured Header

```
SecRule
REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|REQUEST_FILENAME|XML:/* @rx (?i:<META[\s/+].*?charset[\s/+]*=)
```

Recommended Header

```
SecRule
REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|XML:/* @rx (?i:<META[\s/+].*?charset[\s/+]*=)
```

Rule ID:941270

Description

IE XSS Filters - Attack Detected

Configured Header

```
SecRule
REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|REQUEST_FILENAME|XML:/* @rx (?i)<LINK[\s/+].*?href[\s/+]*=
```

Recommended Header

```
SecRule
REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|XML:/* @rx (?i)<LINK[\s/+].*?href[\s/+]*=
```

Rule ID:941280
Description
IE XSS Filters - Attack Detected
Configured Header
SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|REQUEST_FILENAME|XML:/* @rx (?i)<BASE[\s/+].*?href[\s/+]*=
Recommended Header
SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|XML:/* @rx (?i)<BASE[\s/+].*?href[\s/+]*=

Rule ID:941290
Description
IE XSS Filters - Attack Detected
Configured Header
SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|REQUEST_FILENAME|XML:/* @rx (?i)<APPLET[\s/+>]
Recommended Header
SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|XML:/* @rx (?i)<APPLET[\s/+>]

Rule ID:941300
Description
IE XSS Filters - Attack Detected
Configured Header
SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|REQUEST_FILENAME|XML:/* @rx

```
(?i)<OBJECT[\s/+].*?(?:type|codetype|classid|code|data)[\s/+]*=
```

Recommended Header

```
SecRule
REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAM
ES|ARGS|XML:/* @rx (?i)<OBJECT[\s/+].*?(?:type|codetype|classid|code|data)[\s/+]*=
```

Rule ID:941310

Description

US-ASCII Malformed Encoding XSS Filter - Attack Detected

Configured Header

```
SecRule
REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAM
ES|ARGS|REQUEST_FILENAME|XML:/* @rx (?:\xbc\s*/\s*[^\xbe>]*[\xbe>])|(?:<\s*/\s*[^\xbe]*\xbe)
```

Recommended Header

```
SecRule
REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAM
ES|ARGS|XML:/* @rx \xbc[^\xbe>]*[\xbe>]|<[^\xbe]*\xbe
```

Rule ID:941350

Description

UTF-7 Encoding IE XSS - Attack Detected

Configured Header

```
SecRule
REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAM
ES|ARGS|REQUEST_FILENAME|XML:/* @rx \+ADw-.*(?:\+AD4-|>)|<.*\+AD4-
```

Recommended Header

```
SecRule
REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAM
ES|ARGS|XML:/* @rx \+ADw-.*(?:\+AD4-|>)|<.*\+AD4-
```

Rule ID:941360

<table>
<tr><th>Description</th></tr>
<tr><td>JSFuck / Hieroglyphy obfuscation detected</td></tr>
<tr><td><b>Configured Header</b></td></tr>
<tr><td>SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|REQUEST_FILENAME|XML:/* @rx ![!+]\[\]</td></tr>
<tr><td><b>Recommended Header</b></td></tr>
<tr><td>SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|XML:/* @rx ![!+]\[\]</td></tr>
</table>

<table>
<tr><th>Rule ID:941370</th></tr>
<tr><td><b>Description</b></td></tr>
<tr><td>JavaScript global variable found</td></tr>
<tr><td><b>Configured Header</b></td></tr>
<tr><td>SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS|REQUEST_FILENAME|XML:/* @rx (?:self|document|this|top|window)\s*(?:/*|[\[)]).+?(?:\]|*/)</td></tr>
<tr><td><b>Recommended Header</b></td></tr>
<tr><td>SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS|XML:/* @rx (?:self|document|this|top|window)\s*(?:/*|[\[)]).+?(?:\]|*/)</td></tr>
</table>

<table>
<tr><th>Rule ID:941101</th></tr>
<tr><td><b>Description</b></td></tr>
<tr><td>XSS Attack Detected via libinjection</td></tr>
<tr><td><b>Configured Header</b></td></tr>
<tr><td>SecRule REQUEST_FILENAME|REQUEST_HEADERSReferer @detectXSS</td></tr>
<tr><td><b>Recommended Header</b></td></tr>
<tr><td>SecRule REQUEST_HEADERSReferer @detectXSS</td></tr>
</table>

<table>
<tr><th>Rule ID:941120</th></tr>
<tr><td><b>Description</b></td></tr>
<tr><td>XSS Filter - Category 2: Event Handler Vector</td></tr>
<tr><td><b>Configured Header</b></td></tr>
<tr><td>SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|REQUEST_HEADERS:User-Agent|REQUEST_HEADERS:Referer|ARGS_NAMES|ARGS|REQUEST_FILENAME|XML:/* @rx (?i)[\s\`;/0-9=\x0B\x09\x0C\x3B\x2C\x28\x3B]on[a-zA-Z]{325}[\s\x0B\x09\x0C\x3B\x2C\x28\x3B]*?=[^=]</td></tr>
<tr><td><b>Recommended Header</b></td></tr>
<tr><td>SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|REQUEST_HEADERS:User-Agent|REQUEST_HEADERS:Referer|ARGS_NAMES|ARGS|XML:/* @rx (?i)[\s\`;\/0-9=\x0B\x09\x0C\x3B\x2C\x28\x3B]on[a-zA-Z]+[\s\x0B\x09\x0C\x3B\x2C\x28\x3B]*?=</td></tr>
</table>

<table>
<tr><th>Rule ID:941150</th></tr>
<tr><td><b>Description</b></td></tr>
<tr><td>XSS Filter - Category 5: Disallowed HTML Attributes</td></tr>
<tr><td><b>Configured Header</b></td></tr>
<tr><td>SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|REQUEST_HEADERS:User-Agent|ARGS_NAMES|ARGS|REQUEST_FILENAME|XML:/* @rx (?i)\b(?:s(?:tyle|rc)|href)\b[\s\S]*?=</td></tr>
<tr><td><b>Recommended Header</b></td></tr>
<tr><td>SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|REQUEST_HEADERS:User-Agent|ARGS_NAMES|ARGS|XML:/* @rx (?i)\b(?:s(?:tyle|rc)|href)\b[\s\S]*?=</td></tr>
</table>

<table>
<tr><th>Rule ID:941320</th></tr>
<tr><td><b>Description</b></td></tr>
</table>

<table>
<tr><td>Possible XSS Attack Detected - HTML Tag Handler</td></tr>
<tr><td><b>Configured Header</b></td></tr>
<tr><td>SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|!REQUEST_COOKIES:/_pk_ref/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|REQUEST_FILENAME|XML:/* @rx <(?:a|abbr|acronym|address|applet|area|audioscope|b|base|basefront|bdo|bgsound|big|blackface|blink|blockquote|body|bq|br|button|caption|center|cite|code|col|colgroup|comment|dd|del|dfn|dir|div|dl|dt|em|embed|fieldset|fn|font|form|frame|frameset|h1|head|hr|html|i|iframe|ilayer|img|input|ins|isindex|kdb|keygen|label|layer|legend|li|limittext|link|listing|map|marquee|menu|meta|multicol|nobr|noembed|noframes|noscript|nosmartquotes|object|ol|optgroup|option|p|param|plaintext|pre|q|rt|ruby|s|samp|script|select|server|shadow|sidebar|small|spacer|span|strike|strong|style|sub|sup|table|tbody|td|textarea|tfoot|th|thead|title|tr|tt|u|ul|var|wbr|xml|xmp)\W</td></tr>
<tr><td><b>Recommended Header</b></td></tr>
<tr><td>SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|!REQUEST_COOKIES:/_pk_ref/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|XML:/* @rx <(?:a|abbr|acronym|address|applet|area|audioscope|b|base|basefront|bdo|bgsound|big|blackface|blink|blockquote|body|bq|br|button|caption|center|cite|code|col|colgroup|comment|dd|del|dfn|dir|div|dl|dt|em|embed|fieldset|fn|font|form|frame|frameset|h1|head|hr|html|i|iframe|ilayer|img|input|ins|isindex|kdb|keygen|label|layer|legend|li|limittext|link|listing|map|marquee|menu|meta|multicol|nobr|noembed|noframes|noscript|nosmartquotes|object|ol|optgroup|option|p|param|plaintext|pre|q|rt|ruby|s|samp|script|select|server|shadow|sidebar|small|spacer|span|strike|strong|style|sub|sup|table|tbody|td|textarea|tfoot|th|thead|title|tr|tt|u|ul|var|wbr|xml|xmp)\W</td></tr>
</table>

<table>
<tr><th>Rule ID:941330</th></tr>
<tr><td><b>Description</b></td></tr>
<tr><td>IE XSS Filters - Attack Detected</td></tr>
<tr><td><b>Configured Header</b></td></tr>
<tr><td>SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|!REQUEST_COOKIES:/_pk_ref/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|REQUEST_FILENAME|XML:/* @rx (?i:[\][</td></tr>
</table>

<table>
<tr><td>]*(?:[^a-z0-9~_:]|in).*?(?:(?:l|\x5cu006C)(?:o|\x5cu006F)(?:c|\x5cu0063)(?:a|\x5cu0061)(?:t|\x5cu0074)(?:i|\x5cu0069)(?:o|\x5cu006F)(?:n|\x5cu006E)|(?:n|\x5cu006E)(?:a|\x5cu0061)(?:m|\x5cu006D)(?:e|\x5cu0065)|(?:o|\x5cu006F)(?:n|\x5cu006E)(?:e|\x5cu0065)(?:r|\x5cu0072)(?:r|\x5cu0072)(?:o|\x5cu006F)(?:r|\x5cu0072)|(?:v|\x5cu0076)(?:a|\x5cu0061)(?:l|\x5cu006C)(?:u|\x5cu0075)(?:e|\x5cu0065)(?:O|\x5cu004F)(?:f|\x5cu0066)).*?=)</td></tr>
<tr><th align="left">Recommended Header</th></tr>
<tr><td>SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|!REQUEST_COOKIES:/_pk_ref/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|XML:/* @rx (?i:[\][ ]*(?:[^a-z0-9~_:]|in).*?(?:(?:l|\\\\u006C)(?:o|\\\\u006F)(?:c|\\\\u0063)(?:a|\\\\u0061)(?:t|\\\\u0074)(?:i|\\\\u0069)(?:o|\\\\u006F)(?:n|\\\\u006E)|(?:n|\\\\u006E)(?:a|\\\\u0061)(?:m|\\\\u006D)(?:e|\\\\u0065)|(?:o|\\\\u006F)(?:n|\\\\u006E)(?:e|\\\\u0065)(?:r|\\\\u0072)(?:r|\\\\u0072)(?:o|\\\\u006F)(?:r|\\\\u0072)|(?:v|\\\\u0076)(?:a|\\\\u0061)(?:l|\\\\u006C)(?:u|\\\\u0075)(?:e|\\\\u0065)(?:O|\\\\u004F)(?:f|\\\\u0066)).*?=)</td></tr>
</table>

<table>
<tr><th>Rule ID:941340</th></tr>
<tr><th align="left">Description</th></tr>
<tr><td>IE XSS Filters - Attack Detected</td></tr>
<tr><th align="left">Configured Header</th></tr>
<tr><td>SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|!REQUEST_COOKIES:/_pk_ref/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|REQUEST_FILENAME|XML:/* @rx (?i)[\\][ ]*(?:[^a-z0-9~_:\ ]|in).+?[.].+?=</td></tr>
<tr><th align="left">Recommended Header</th></tr>
<tr><td>SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|!REQUEST_COOKIES:/_pk_ref/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|XML:/* @rx (?i)[\\][ ]*(?:[^a-z0-9~_:\ ]|in).+?[.].+?=</td></tr>
</table>

<table>
<tr><th>Rule ID:941380</th></tr>
<tr><th align="left">Description</th></tr>
<tr><td>AngularJS client side template injection detected</td></tr>
</table>

<table>
<tr><td><b>Configured Header</b></td></tr>
<tr><td>SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|REQUEST_FILENAME|XML:/* @rx {{.*?}}</td></tr>
<tr><td><b>Recommended Header</b></td></tr>
<tr><td>SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|XML:/* @rx {{.*?}}</td></tr>
</table>

<table>
<tr><th>Rule ID:920100</th></tr>
<tr><td><b>Description</b></td></tr>
<tr><td>Invalid HTTP Request Line</td></tr>
<tr><td><b>Configured Header</b></td></tr>
<tr><td>SecRule REQUEST_LINE !@rx (?i)^(?get /[^#\?]*(?:\?[^\s\v#]*)?(?:#[^\s\v]*)?|(?:connect (?:(?:[0-9]{13}\.){3}[0-9]{13}\.?(?::[0-9]+)?|[\--9A-Z_a-z]+:[0-9]+)|options *|[a-z]{310}[\s\v]+(?:[0-9A-Z_a-z]{37}?://[\--9A-Z_a-z]*(?::[0-9]+)?)?/[^#\?]*(?:\?[^\s\v#]*)?(?:#[^\s\v]*)?)[\s\v]+[\.-9A-Z_a-z]+)$</td></tr>
<tr><td><b>Recommended Header</b></td></tr>
<tr><td>SecRule REQUEST_LINE !@rx ^(?i(?:[a-z]{310}\s+(?:\w{37}?://[\w\-\./]*(?::\d+)?)?/[^?#]*(?:\?[^#\s]*)?(?:#[\S]*)?|connect (?:\d{13}\.){3}\d{13}\.?(?::\d+)?|options *)\s+[\w\./]+|get /[^?#]*(?:\?[^#\s]*)?(?:#[\S]*)?)$</td></tr>
</table>

<table>
<tr><th>Rule ID:920120</th></tr>
<tr><td><b>Description</b></td></tr>
<tr><td>Attempted multipart/form-data bypass</td></tr>
<tr><td><b>Configured Header</b></td></tr>
<tr><td>SecRule FILES|FILES_NAMES !@rx (?i)^(?&(?:(?:[acegiln-or-suz]acut|[aeiou]grav|[ain-o]tild)e|[c-elnr-tz]caron|(?:[cgk-lnr-t]cedi|[aeiouy]um)l|[aceg-josuwy]circ|[au]ring|a(?:mp|pos)|nbsp|oslash);|[^\;=])*$</td></tr>
<tr><td><b>Recommended Header</b></td></tr>
<tr><td>SecRule FILES_NAMES|FILES @rx</td></tr>
</table>

<table>
<tr><td>(?<!&(?[aAoOuUyY]uml)|&(?:[aAeEiIoOuU]circ)|&(?:[eEiIoOuUyY]acute)|&(?:[aAeEiIoOuU]grave)|&(?:[cC]cedil)|&(?:[aAnNoO]tilde)|&(?:amp)|&(?:apos));|[\=]</td></tr>
</table>

<table>
<tr><th>Rule ID:920350</th></tr>
<tr><td><b>Description</b></td></tr>
<tr><td>Host header is a numeric IP address</td></tr>
<tr><td><b>Configured Header</b></td></tr>
<tr><td>SecRule REQUEST_HEADERSHost @rx (?:^([\d.]+|\[[\da-f:]+\]|[\da-f:]+)(:[\d]+)?$)</td></tr>
<tr><td><b>Recommended Header</b></td></tr>
<tr><td>SecRule REQUEST_HEADERSHost @rx ^[\d.:]+$</td></tr>
</table>

<table>
<tr><th>Rule ID:920470</th></tr>
<tr><td><b>Description</b></td></tr>
<tr><td>Illegal Content-Type header</td></tr>
<tr><td><b>Configured Header</b></td></tr>
<tr><td>SecRule REQUEST_HEADERSContent-Type !@rx ^[\w/.+*-]+(?:\s?;\s?(?:action|boundary|charset|component|start(?:-info)?|type|version)\s?=\s?[\\w.()+/:=?<>@#*-]+)*$</td></tr>
<tr><td><b>Recommended Header</b></td></tr>
<tr><td>SecRule REQUEST_HEADERSContent-Type !@rx ^[\w/.+-]+(?:\s?;\s?(?:action|boundary|charset|type|start(?:-info)?)\s?=\s?[\\w.()+/:=?<>@-]+)*$</td></tr>
</table>

<table>
<tr><th>Rule ID:920274</th></tr>
<tr><td><b>Description</b></td></tr>
<tr><td>Invalid character in request headers (outside of very strict set)</td></tr>
<tr><td><b>Configured Header</b></td></tr>
<tr><td>SecRule REQUEST_HEADERS|!REQUEST_HEADERSUser-Agent|!REQUEST_HEADERS:Referer|!REQUEST_HEADERS:Cookie|!REQUEST_HEADERS:Sec-Fetch-User|!REQUEST_HEADERS:Sec-CH-UA|!REQUEST_HEADERS:Sec-CH-UA-Mobile @validateByteRange 32343842-596165-909597-122</td></tr>
<tr><td><b>Recommended Header</b></td></tr>
</table>

<table>
<tr><td>SecRule REQUEST_HEADERS|!REQUEST_HEADERSUser-Agent|!REQUEST_HEADERS:Referer|!REQUEST_HEADERS:Cookie|!REQUEST_HEADERS:Sec-Fetch-User @validateByteRange 32343842-596165-909597-122</td></tr>
</table>

<table>
<tr><th>Rule ID:920275</th></tr>
<tr><td><b>Description</b></td></tr>
<tr><td>Invalid character in request headers (outside of very strict set)</td></tr>
<tr><td><b>Configured Header</b></td></tr>
<tr><td>SecRule REQUEST_HEADERSSec-Fetch-User|REQUEST_HEADERS:Sec-CH-UA-Mobile !@rx ^(?:\?[01])?$</td></tr>
<tr><td><b>Recommended Header</b></td></tr>
<tr><td>SecRule REQUEST_HEADERSSec-Fetch-User @validateByteRange 32343842-59616365-909597-122</td></tr>
</table>

<table>
<tr><th>Rule ID:920460</th></tr>
<tr><td><b>Description</b></td></tr>
<tr><td>Abnormal character escapes in request</td></tr>
<tr><td><b>Configured Header</b></td></tr>
<tr><td>SecRule REQUEST_URI|REQUEST_HEADERS|ARGS|ARGS_NAMES @rx (?^|[^\x5c])\x5c[cdeghijklmpqwxyz123456789]</td></tr>
<tr><td><b>Recommended Header</b></td></tr>
<tr><td>SecRule REQUEST_URI|REQUEST_HEADERS|ARGS|ARGS_NAMES @rx (?^|[^\\\\])\\\\[cdeghijklmpqwxyz123456789]</td></tr>
</table>

<table>
<tr><th>Rule ID:921110</th></tr>
<tr><td><b>Description</b></td></tr>
<tr><td>HTTP Request Smuggling Attack</td></tr>
<tr><td><b>Configured Header</b></td></tr>
<tr><td>SecRule ARGS_NAMES|ARGS|REQUEST_BODY|XML/* @rx (?:get|post|head|options|connect|put|delete|trace|track|patch|propfind|propatch|mkcol|copy|move|loc</td></tr>
</table>

<table>
<tr><td>k|unlock)\s+[^\s]+\s+http/\d</td></tr>
<tr><td><b>Recommended Header</b></td></tr>
<tr><td>SecRule ARGS_NAMES|ARGS|REQUEST_BODY|XML/* @rx (?:get|post|head|options|connect|put|delete|trace|track|patch|propfind|propatch|mkcol|copy|move|lock|unlock)\s+(?:\/|\w)[^\s]*(?:\s+http\/\d|[\r\n])</td></tr>
</table>

<table>
<tr><th>Rule ID:901321</th></tr>
<tr><td><b>Description</b></td></tr>
<tr><td>None</td></tr>
<tr><td><b>Configured Header</b></td></tr>
<tr><td>SecRule REQUEST_HEADERSUser-Agent @rx ^.*$</td></tr>
<tr><td><b>Recommended Header</b></td></tr>
<tr><td>id901321</td></tr>
</table>

<table>
<tr><th>Rule ID:931100</th></tr>
<tr><td><b>Description</b></td></tr>
<tr><td>Possible Remote File Inclusion (RFI) Attack: URL Parameter using IP Address</td></tr>
<tr><td><b>Configured Header</b></td></tr>
<tr><td>SecRule ARGS @rx ^(?ifile|ftps?|https?)://(?:\d{13}\.\d{13}\.\d{13}\.\d{13})</td></tr>
<tr><td><b>Recommended Header</b></td></tr>
<tr><td>SecRule ARGS @rx ^(?ifile|ftps?|https?):\/\/(?:\d{13}\.\d{13}\.\d{13}\.\d{13})</td></tr>
</table>

<table>
<tr><th>Rule ID:931110</th></tr>
<tr><td><b>Description</b></td></tr>
<tr><td>Possible Remote File Inclusion (RFI) Attack: Common RFI Vulnerable Parameter Name used w/URL Payload</td></tr>
<tr><td><b>Configured Header</b></td></tr>
<tr><td>SecRule QUERY_STRING|REQUEST_BODY @rx (?i)(?binclude\s*\([^)]*|mosConfig_absolute_path|_CONF\[path\]|_SERVER\[DOCUMENT_ROOT\]|GALLERY_BASEDIR|path\[docroot\]|appserv_root|config\[root_dir\])=(?:file|ftps?|https?)://</td></tr>
<tr><td><b>Recommended Header</b></td></tr>
</table>

<table>
<tr><td>SecRule QUERY_STRING|REQUEST_BODY @rx (?i)(?binclude\s*\([^)]*|mosConfig_absolute_path|_CONF\[path\]|_SERVER\[DOCUMENT_ROOT\]|GALLERY_BASEDIR|path\[docroot\]|appserv_root|config\[root_dir\])=(?:file|ftps?|https?):\/\/</td></tr>
</table>

<table>
<tr><th><b>Rule ID:931130</b></th></tr>
<tr><td><b>Description</b></td></tr>
<tr><td>Possible Remote File Inclusion (RFI) Attack: Off-Domain Reference/Link</td></tr>
<tr><td><b>Configured Header</b></td></tr>
<tr><td>SecRule ARGS @rx (?i)(?(?:url|jar):)?(?:a(?:cap|f[ps]|ttachment)|b(?:eshare|itcoin|lob)|c(?:a(?:llto|p)|id|vs|ompress.(?:zlib|bzip2))|d(?:a(?:v|ta)|ict|n(?:s|tp))|e(?:d2k|xpect)|f(?:(?:ee)?d|i(?:le|nger|sh)|tps?)|g(?:it|o(?:pher)?|lob)|h(?:323|ttps?)|i(?:ax|cap|(?:ma|p)ps?|rc[6s]?)|ja(?:bbe)?r|l(?:dap[is]?|ocal_file)|m(?:a(?:ilto|ven)|ms|umble)|n(?:e(?:tdoc|ws)|fs|ntps?)|ogg|p(?:aparazzi|h(?:ar|p)|op(?:2|3s?)|r(?:es|oxy)|syc)|r(?:mi|sync|tm(?:f?p)?|ar)|s(?:3|ftp|ips?|m(?:[bs]|tps?)|n(?:ews|mp)|sh(?:2(?:.(?:s(?:hell|(?:ft|c)p)|exec|tunnel))?)?|vn(?:\+ssh)?)|t(?:e(?:amspeak|lnet)|ftp|urns?)|u(?:dp|nreal|t2004)|v(?:entrilo|iew-source|nc)|w(?:ebcal|ss?)|x(?:mpp|ri)|zip)://(?:[^@]+@)?([^/]*)</td></tr>
<tr><td><b>Recommended Header</b></td></tr>
<tr><td>SecRule ARGS @rx ^(?ifile|ftps?|https?)://([^/]*).*$</td></tr>
</table>

<table>
<tr><th><b>Rule ID:950130</b></th></tr>
<tr><td><b>Description</b></td></tr>
<tr><td>Directory Listing</td></tr>
<tr><td><b>Configured Header</b></td></tr>
<tr><td>SecRule RESPONSE_BODY @rx (?<(?:TITLE>Index of.*?<H|title>Index of.*?<h)1>Index of|>\[To Parent Directory\]</[Aa]><br>)</td></tr>
<tr><td><b>Recommended Header</b></td></tr>
<tr><td>SecRule RESPONSE_BODY @rx (?<(?:TITLE>Index of.*?<H|title>Index of.*?<h)1>Index of|>\[To Parent Directory\]<\/[Aa]><br>)</td></tr>
</table>

<table>
<tr><th><b>Rule ID:932115</b></th></tr>
<tr><td><b>Description</b></td></tr>
</table>

Remote Command Execution: Windows Command Injection

Configured Header

```
SecRule
REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAM
ES|ARGS|XML:/* @rx
(?i)(?:t[\\^]*i[\\^]*m[\\^]*e|[\n\r;`\{]|\|\|?|&&?)[\s\v]*[\s\v\-\(@]*(?:[\\.-9A-Z_a-z]+/|(?:[\\x5c\^]*[0-9A-Z_a-z][
\\x5c\^]*:.*|[
\\.-9A-Z\x5c\^-_a-z]*)\x5c)?[\\^]*(?:o[\\^]*(?:d[\\^]*b[\\^]*c[\\^]*(?:a[\\^]*d[\\^]*3[\\^]*2|c[\\^]*o[\\^]*n[\\^]*f)|
p[\\^]*e[\\^]*n[\\^]*f[\\^]*i[\\^]*l[\\^]*e[\\^]*s)|p[\\^]*(?:a[\\^]*t[\\^]*h[\\^]*(?:[\s\v\.-/;-<>].*|p[\\^]*i[\\^]*n[\\^]*g)|
e[\\^]*r[\\^]*(?:f[\\^]*m[\\^]*o[\\^]*n|l(?:[\\^]*(?:5|s[\\^]*h))?)|h[\\^]*p(?:[\\^]*[57])?|i[\\^]*n[\\^]*g|k[\\^]*g[\\^]*
m[\\^]*g[\\^]*r|o[\\^]*(?:p[\\^]*d|r[\\^]*t[\\^]*q[\\^]*r[\\^]*y|w[\\^]*e[\\^]*r[\\^]*(?:c[\\^]*f[\\^]*g|s[\\^]*h[\\^]*e[\\^]
*l[\\^]*l(?:[\\^]*_[\\^]*i[\\^]*s[\\^]*e)?))|r[\\^]*(?:i[\\^]*n[\\^]*t[\\^]*(?:[\s\v\.-/;-<>].*|b[\\^]*r[\\^]*m)|n[\\^]*(?:c[\\
^]*n[\\^]*f[\\^]*g|m[\\^]*n[\\^]*g[\\^]*r)|o[\\^]*m[\\^]*p[\\^]*t)|s[\\^]*(?:e[\\^]*x[\\^]*e[\\^]*c|f[\\^]*i[\\^]*l[\\^]*e|g[
\\^]*e[\\^]*t[\\^]*s[\\^]*i[\\^]*d|i[\\^]*n[\\^]*f[\\^]*o|k[\\^]*i[\\^]*l[\\^]*l|l[\\^]*(?:i[\\^]*s[\\^]*t|o[\\^]*g[\\^]*(?:g[\\^]*
e[\\^]*d[\\^]*o[\\^]*n|l[\\^]*i[\\^]*s[\\^]*t))|p[\\^]*(?:a[\\^]*s[\\^]*s[\\^]*w[\\^]*d|i[\\^]*n[\\^]*g)|s[\\^]*(?:e[\\^]*r[\\
^]*v[\\^]*i[\\^]*c[\\^]*e|h[\\^]*u[\\^]*t[\\^]*d[\\^]*o[\\^]*w[\\^]*n|u[\\^]*s[\\^]*p[\\^]*e[\\^]*n[\\^]*d))|u[\\^]*s[\\^]*h
[\\^]*d|y[\\^]*t[\\^]*h[\\^]*o[\\^]*n(?:[\\^]*(?:2|3(?:[\\^]*m)?))?)|q[\\^]*(?:g[\\^]*r[\\^]*e[\\^]*p|p[\\^]*r[\\^]*o[\\^]
*c[\\^]*e[\\^]*s[\\^]*s|u[\\^]*e[\\^]*r[\\^]*y[\\^]*[\s\v\.-/;-<>].*|w[\\^]*i[\\^]*n[\\^]*s[\\^]*t[\\^]*a)|r[\\^]*(?:a[\\^]*(?
:r[\\^]*[\s\v\.-/;-<>].*|s[\\^]*(?:d[\\^]*i[\\^]*a[\\^]*l|p[\\^]*h[\\^]*o[\\^]*n[\\^]*e))|d[\\^]*[\s\v\.-/;-<>].*|e[\\^]*(?:c[
\\^]*(?:d[\\^]*i[\\^]*s[\\^]*c|o[\\^]*v[\\^]*e[\\^]*r)|g[\\^]*(?:[\s\v\.-/;-<>].*|e[\\^]*d[\\^]*i[\\^]*t|i[\\^]*n[\\^]*i|s[\\^]*
v[\\^]*r[\\^]*3[\\^]*2)|k[\\^]*e[\\^]*y[\\^]*w[\\^]*i[\\^]*z|(?:n[\\^]*(?:a[\\^]*m[\\^]*e[\\^]*)?|(?:p[\\^]*l[\\^]*a[\\^]*c[
\\^]*e|s[\\^]*e[\\^]*t)[\\^]*)[\s\v\.-/;-<>].*)|m[\\^]*(?:(?:d[\\^]*i[\\^]*r[\\^]*)?[\s\v\.-/;-<>].*|t[\\^]*s[\\^]*h[\\^]*a[\\
^]*r[\\^]*e)|o[\\^]*(?:b[\\^]*o[\\^]*c[\\^]*o[\\^]*p[\\^]*y|u[\\^]*t[\\^]*e[\\^]*[\s\v\.-/;-<>].*)|s[\\^]*(?:t[\\^]*r[\\^]*u[\
\^]*i|y[\\^]*n[\\^]*c)|u[\\^]*(?:b[\\^]*y[\\^]*(?:1(?:[\\^]*[8-9])?|2[\\^]*[0-2])|n[\\^]*(?:a[\\^]*s|d[\\^]*l[\\^]*l[\\^]*3[
\\^]*2)))|s[\\^]*(?:c[\\^]*(?:h[\\^]*t[\\^]*a[\\^]*s[\\^]*k[\\^]*s|l[\\^]*i[\\^]*s[\\^]*t)|e[\\^]*(?:c[\\^]*p[\\^]*o[\\^]*l|l[\\
^]*e[\\^]*c[\\^]*t|t[\\^]*(?:(?:x[\\^]*)?[\s\v\.-/;-<>].*|l[\\^]*o[\\^]*c[\\^]*a[\\^]*l))|f[\\^]*c|h[\\^]*(?:a[\\^]*r[\\^]*e|e
[\\^]*l[\\^]*l[\\^]*r[\\^]*u[\\^]*n[\\^]*a[\\^]*s|i[\\^]*f[\\^]*t|o[\\^]*(?:r[\\^]*t[\\^]*c[\\^]*u[\\^]*t|w[\\^]*(?:g[\\^]*r[\\^]*
p|m[\\^]*b[\\^]*r)[\\^]*s)|r[\\^]*p[\\^]*u[\\^]*b[\\^]*w|u[\\^]*t[\\^]*d[\\^]*o[\\^]*w[\\^]*n)|i[\\^]*g[\\^]*v[\\^]*e[\\^]*r
[\\^]*i[\\^]*f|l[\\^]*(?:e[\\^]*e[\\^]*p|m[\\^]*g[\\^]*r)|(?:o|t[\\^]*a)[\\^]*r[\\^]*t[\\^]*[\s\v\.-/;-<>].*|u[\\^]*b[\\^]*(?:i[
\\^]*n[\\^]*a[\\^]*c[\\^]*l|s[\\^]*t)|v[\\^]*n|y[\\^]*s[\\^]*(?:d[\\^]*m|k[\\^]*e[\\^]*y|t[\\^]*e[\\^]*m[\\^]*(?:i[\\^]*n[\\^
]*f[\\^]*o|p[\\^]*r[\\^]*o[\\^]*p[\\^]*e[\\^]*r[\\^]*t[\\^]*i[\\^]*e[\\^]*s[\\^]*(?:a[\\^]*d[\\^]*v[\\^]*a[\\^]*n[\\^]*c[\\^]*
e[\\^]*d|d[\\^]*a[\\^]*t[\\^]*a[\\^]*e[\\^]*x[\\^]*e[\\^]*c[\\^]*u[\\^]*t[\\^]*i[\\^]*o[\\^]*n[\\^]*p[\\^]*r[\\^]*e[\\^]*v[\\^]
*e[\\^]*n[\\^]*t[\\^]*i[\\^]*o[\\^]*n|(?:h[\\^]*a[\\^]*r[\\^]*d[\\^]*w[\\^]*a[\\^]*r|p[\\^]*e[\\^]*r[\\^]*f[\\^]*o[\\^]*r[\\^]*
m[\\^]*a[\\^]*n[\\^]*c)[\\^]*e))))|t[\\^]*(?:a[\\^]*(?:k[\\^]*e[\\^]*o[\\^]*w[\\^]*n|s[\\^]*k[\\^]*(?:k[\\^]*i[\\^]*l[\\^]*l|l
[\\^]*i[\\^]*s[\\^]*t|m[\\^]*g[\\^]*r|s[\\^]*c[\\^]*h[\\^]*d))|(?:e[\\^]*l[\\^]*n[\\^]*e|i[\\^]*m[\\^]*e[\\^]*o[\\^]*u|l[\\^]*i
[\\^]*s|p[\\^]*m[\\^]*i[\\^]*n[\\^]*i)[\\^]*t|r[\\^]*(?:a[\\^]*c[\\^]*e[\\^]*r[\\^]*t|e[\\^]*e)|s[\\^]*(?:d[\\^]*i[\\^]*s[\\^]*
c[\\^]*o|s[\\^]*h[\\^]*u[\\^]*t[\\^]*d)[\\^]*n|y[\\^]*p[\\^]*e[\\^]*(?:[\s\v\.-/;-<>].*|p[\\^]*e[\\^]*r[\\^]*f))|u[\\^]*(?:n[
\\^]*(?:r[\\^]*a[\\^]*r|z[\\^]*i[\\^]*p)|s[\\^]*(?:e[\\^]*r[\\^]*a[\\^]*c[\\^]*c[\\^]*o[\\^]*u[\\^]*n[\\^]*t[\\^]*c[\\^]*o[\\^]
*n[\\^]*t[\\^]*r[\\^]*o[\\^]*l[\\^]*s[\\^]*e[\\^]*t[\\^]*t[\\^]*i[\\^]*n[\\^]*g[\\^]*s|r[\\^]*s[\\^]*t[\\^]*a[\\^]*t))|v[\\^]*(?:e
[\\^]*r[\\^]*i[\\^]*f[\\^]*y|o[\\^]*l[\\^]*[\s\v\.-/;-<>].*)|w[\\^]*(?:a[\\^]*i[\\^]*t[\\^]*f[\\^]*o[\\^]*r|e[\\^]*v[\\^]*t[\\^]*u
[\\^]*t[\\^]*i[\\^]*l|g[\\^]*e[\\^]*t|h[\\^]*o[\\^]*a[\\^]*m[\\^]*i|i[\\^]*n[\\^]*(?:d[\\^]*i[\\^]*f[\\^]*f|m[\\^]*s[\\^]*d[\\^]*
p|r[\\^]*[ms]|v[\\^]*a[\\^]*r)|m[\\^]*i[\\^]*(?:c|m[\\^]*g[\\^]*m[\\^]*t)|s[\\^]*c[\\^]*(?:r[\\^]*i[\\^]*p[\\^]*t|u[\\^]*i)|
u[\\^]*(?:a[\\^]*(?:p[\\^]*p|u[\\^]*c[\\^]*l[\\^]*t)|s[\\^]*a))|x[\\^]*c[\\^]*(?:a[\\^]*c[\\^]*l[\\^]*s|o[\\^]*p[\\^]*y)|z[\\
^]*i[\\^]*p[\\^]*[\s\v\.-/;-<>].*)(?:\.[\\^]*[0-9A-Z_a-z]+)?\b
```

Recommended Header

```
SecRule
REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAM
ES|ARGS|XML:/* @rx (?i)(?:;|\{|\||\|\||&|&&|\n|\r|`)\s*[\(@\\\s]*(?:[\w\\./]+/|[\\\\\\^]*\w[\\\\\\^]*:.*\\\\|[\^\.\w
\/\\\\]*\\\\)?[\\^]*(?:s[\\^]*(?:y[\\^]*s[\\^]*(?:t[\\^]*e[\\^]*m[\\^]*(?:p[\\^]*r[\\^]*o[\\^]*p[\\^]*e[\\^]*r[\\^]*t[\\^]*i[\\^
]*e[\\^]*s[\\^]*(?:d[\\^]*a[\\^]*t[\\^]*a[\\^]*e[\\^]*x[\\^]*e[\\^]*c[\\^]*u[\\^]*t[\\^]*i[\\^]*o[\\^]*n[\\^]*p[\\^]*r[\\^]*e[\
\^]*v[\\^]*e[\\^]*n[\\^]*t[\\^]*i[\\^]*o[\\^]*n|(?:p[\\^]*e[\\^]*r[\\^]*f[\\^]*o[\\^]*r[\\^]*m[\\^]*a[\\^]*n[\\^]*c|h[\\^]*a[\
\^]*r[\\^]*d[\\^]*w[\\^]*a[\\^]*r)[\\^]*e|a[\\^]*d[\\^]*v[\\^]*a[\\^]*n[\\^]*c[\\^]*e[\\^]*d)|i[\\^]*n[\\^]*f[\\^]*o)|k[\\^]*
e[\\^]*y|d[\\^]*m)|h[\\^]*(?:o[\\^]*(?:w[\\^]*(?:g[\\^]*r[\\^]*p|m[\\^]*b[\\^]*r)[\\^]*s|r[\\^]*t[\\^]*c[\\^]*u[\\^]*t)|e[\
\^]*l[\\^]*l[\\^]*r[\\^]*u[\\^]*n[\\^]*a[\\^]*s|u[\\^]*t[\\^]*d[\\^]*o[\\^]*w[\\^]*n|r[\\^]*p[\\^]*u[\\^]*b[\\^]*w|a[\\^]*r[\\
^]*e|i[\\^]*f[\\^]*t)|e[\\^]*(?:t[\\^]*(?:(?:x[\\^]*)?(?:[\s;]|\.|/|<|>).*|l[\\^]*o[\\^]*c[\\^]*a[\\^]*l)|c[\\^]*p[\\^]*o[\\^]*l|
l[\\^]*e[\\^]*c[\\^]*t)|c[\\^]*(?:h[\\^]*t[\\^]*a[\\^]*s[\\^]*k[\\^]*s|l[\\^]*i[\\^]*s[\\^]*t)|u[\\^]*b[\\^]*(?:i[\\^]*n[\\^]*a[\
\^]*c[\\^]*l|s[\\^]*t)|t[\\^]*a[\\^]*r[\\^]*t[\\^]*(?:[\s;]|\.|/|<|>).*|i[\\^]*g[\\^]*v[\\^]*e[\\^]*r[\\^]*i[\\^]*f|l[\\^]*(?:e[\\^]
*e[\\^]*p|m[\\^]*g[\\^]*r)|o[\\^]*r[\\^]*t|f[\\^]*c|v[\\^]*n)|p[\\^]*(?:s[\\^]*(?:s[\\^]*(?:h[\\^]*u[\\^]*t[\\^]*d[\\^]*o[\\
^]*w[\\^]*n|e[\\^]*r[\\^]*v[\\^]*i[\\^]*c[\\^]*e|u[\\^]*s[\\^]*p[\\^]*e[\\^]*n[\\^]*d)|l[\\^]*(?:o[\\^]*g[\\^]*(?:g[\\^]*e[\
\^]*d[\\^]*o[\\^]*n|l[\\^]*i[\\^]*s[\\^]*t)|i[\\^]*s[\\^]*t)|p[\\^]*(?:a[\\^]*s[\\^]*s[\\^]*w[\\^]*d|i[\\^]*n[\\^]*g)|g[\\^]*e[
\\^]*t[\\^]*s[\\^]*i[\\^]*d|e[\\^]*x[\\^]*e[\\^]*c|f[\\^]*i[\\^]*l[\\^]*e|i[\\^]*n[\\^]*f[\\^]*o|k[\\^]*i[\\^]*l[\\^]*l)|o[\\^]*(?:
w[\\^]*e[\\^]*r[\\^]*(?:s[\\^]*h[\\^]*e[\\^]*l[\\^]*l(?:[\\^]*_[\\^]*i[\\^]*s[\\^]*e)?|c[\\^]*f[\\^]*g)|r[\\^]*t[\\^]*q[\\^]*r[\
\^]*y|p[\\^]*d)|r[\\^]*(?:i[\\^]*n[\\^]*t[\\^]*(?:(?:[\s;]|\.|/|<|>).*|b[\\^]*r[\\^]*m)|n[\\^]*(?:c[\\^]*n[\\^]*f[\\^]*g|m[\\^]*n[\\^]*g[\\^]*r)|o[\\^]*m[\\^]*p[\\^]*t)|a[\\^]*t[\\^]*h[\\^]*(?:p[\\^]*i[\\^]*n[\\^]*g|(?:[\s;]|\.|/|<|>).*)|e[\\^]*r[\\^]*(?:l(?:[\\^]*(?:s[\\^]*h|5))?|f[\\^]*m[\\^]*o[\\^]*n)|y[\\^]*t[\\^]*h[\\^]*o[\\^]*n(?:[\\^]*(?:3(?:[\\^]*m)?|2))?|k[\\^]*g[\\^]*m[\\^]*g[\\^]*r|h[\\^]*p(?:[\\^]*[57])?|u[\\^]*s[\\^]*h[\\^]*d|i[\\^]*n[\\^]*g)|r[\\^]*(?:e[\\^]*(?:(?:p[\\^]*l[\\^]*a[\\^]*c[\\^]*e|n(?:[\\^]*a[\\^]*m[\\^]*e)?|s[\\^]*e[\\^]*t)[\\^]*(?:[\s;]|\.|/|<|>).*|g[\\^]*(?:s[\\^]*v[\\^]*r[\\^]*3[\\^]*2|e[\\^]*d[\\^]*i[\\^]*t|(?:[\s;]|\.|/|<|>).*|i[\\^]*n[\\^]*i)|c[\\^]*(?:d[\\^]*i[\\^]*s[\\^]*c|o[\\^]*v[\\^]*e[\\^]*r)|k[\\^]*e[\\^]*y[\\^]*w[\\^]*i[\\^]*z)|u[\\^]*(?:n[\\^]*(?:d[\\^]*l[\\^]*l[\\^]*3[\\^]*2|a[\\^]*s)|b[\\^]*y[\\^]*(?:1(?:[\\^]*[89])?|2[\\^]*[012]))|a[\\^]*(?:s[\\^]*(?:p[\\^]*h[\\^]*o[\\^]*n[\\^]*e|d[\\^]*i[\\^]*a[\\^]*l)|r[\\^]*(?:[\s;]|\.|/|<|>).*)|m[\\^]*(?:(?:d[\\^]*i[\\^]*r[\\^]*)?(?:[\s;]|\.|/|<|>).*|t[\\^]*s[\\^]*h[\\^]*a[\\^]*r[\\^]*e)|o[\\^]*(?:u[\\^]*t[\\^]*e[\\^]*(?:[\s;]|\.|/|<|>).*|b[\\^]*o[\\^]*c[\\^]*o[\\^]*p[\\^]*y)|s[\\^]*(?:t[\\^]*r[\\^]*u[\\^]*i|y[\\^]*n[\\^]*c)|d[\\^]*(?:[\s;]|\.|/|<|>).*)|t[\\^]*(?:a[\\^]*(?:s[\\^]*k[\\^]*(?:k[\\^]*i[\\^]*l[\\^]*l|l[\\^]*i[\\^]*s[\\^]*t|s[\\^]*c[\\^]*h[\\^]*d|m[\\^]*g[\\^]*r)|k[\\^]*e[\\^]*o[\\^]*w[\\^]*n)|(?:i[\\^]*m[\\^]*e[\\^]*o[\\^]*u|p[\\^]*m[\\^]*i[\\^]*n[\\^]*i|e[\\^]*l[\\^]*n[\\^]*e|l[\\^]*i[\\^]*s)[\\^]*t|s[\\^]*(?:d[\\^]*i[\\^]*s[\\^]*c[\\^]*o|s[\\^]*h[\\^]*u[\\^]*t[\\^]*d)[\\^]*n|y[\\^]*p[\\^]*e[\\^]*(?:p[\\^]*e[\\^]*r[\\^]*f|(?:[\s;]|\.|/|<|>).*)|r[\\^]*(?:a[\\^]*c[\\^]*e[\\^]*r[\\^]*t|e[\\^]*e))|w[\\^]*(?:i[\\^]*n[\\^]*(?:d[\\^]*i[\\^]*f[\\^]*f|m[\\^]*s[\\^]*d[\\^]*p|v[\\^]*a[\\^]*r|r[\\^]*[ms])|u[\\^]*(?:a[\\^]*(?:u[\\^]*c[\\^]*l[\\^]*t|p[\\^]*p)|s[\\^]*a)|s[\\^]*c[\\^]*(?:r[\\^]*i[\\^]*p[\\^]*t|u[\\^]*i)|e[\\^]*v[\\^]*t[\\^]*u[\\^]*t[\\^]*i[\\^]*l|m[\\^]*i[\\^]*(?:m[\\^]*g[\\^]*m[\\^]*t|c)|a[\\^]*i[\\^]*t[\\^]*f[\\^]*o[\\^]*r|h[\\^]*o[\\^]*a[\\^]*m[\\^]*i|g[\\^]*e[\\^]*t)|u[\\^]*(?:s[\\^]*(?:e[\\^]*r[\\^]*a[\\^]*c[\\^]*c[\\^]*o[\\^]*u[\\^]*n[\\^]*t[\\^]*c[\\^]*o[\\^]*n[\\^]*t[\\^]*r[\\^]*o[\\^]*l[\\^]*s[\\^]*e[\\^]*t[\\^]*t[\\^]*i[\\^]*n[\\^]*g[\\^]*s|r[\\^]*s[\\^]*t[\\^]*a[\\^]*t)|n[\\^]*(?:r[\\^]*a[\\^]*r|z[\\^]*i[\\^]*p))|q[\\^]*(?:u[\\^]*e[\\^]*r[\\^]*y[\\^]*(?:[\s;]|\.|/|<|>).*|p[\\^]*r[\\^]*o[\\^]*c[\\^]*e[\\^]*s[\\^]*s|w[\\^]*i[\\^]*n[\\^]*s[\\^]*t[\\^]*a|g[\\^]*r[\\^]*e[\\^]*p)|o[\\^]*(?:d[\\^]*b[\\^]*c[\\^]*(?:a[\\^]*d[\\^]*3[\\^]*2|c[\\^]*o[\\^]*n[\\^]*f)|p[\\^]*e[\\^]*n[\\^]*f[\\^]*i[\\^]*l[\\^]*e[\\^]*s)|v[\\^]*(?:o[\\^]*l[\\^]*(?:[\s;]|\.|/|<|>).*|e[\\^]*r[\\^]*i[\\^]*f[\\^]*y)|x[\\^]*c[\\^]*(?:a[\\^]*c[\\^]*l[\\^]*s|o[\\^]*p[\\^]*y)|z[\\^]*i[\\^]*p[\\^]*(?:[\s;]|\.|/|<|>).*)(?:\.[\\^]*\w+)?\b
```

<table>
<tr><th>Rule ID:932130</th></tr>
<tr><td><b>Description</b></td></tr>
<tr><td>Remote Command Execution: Unix Shell Expression Found</td></tr>
<tr><td><b>Configured Header</b></td></tr>
<tr><td>SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|XML:/* @rx \$(?:\((?:.*|\(.*\))\)|\{.*\})|[<>]\(.*\)|/[0-9A-Z_a-z]*\[!?.+\]</td></tr>
</table>

<table>
<tr><td><b>Recommended Header</b></td></tr>
<tr><td>SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|XML:/* @rx (?:\$(?:\((?:\(.*\)|.*)\)|\{.*\})|[<>]\(.*\))</td></tr>
</table>

<table>
<tr><th>Rule ID:932140</th></tr>
<tr><td><b>Description</b></td></tr>
<tr><td>Remote Command Execution: Windows FOR/IF Command Found</td></tr>
<tr><td><b>Configured Header</b></td></tr>
<tr><td>SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|XML:/* @rx \b(?:for(?:/[dflr].*)? %+[^]+ in\(.*\)[\s\v]?do|if(?:/i)?(?: not)?(?: (?:e(?:xist|rrorlevel)|defined|cmdextversion)\b|[\(].*(?:\b(?:g(?:eq|tr)|equ|neq|l(?:eq|ss))\b|==)))</td></tr>
<tr><td><b>Recommended Header</b></td></tr>
<tr><td>SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|XML:/* @rx \b(?:if(?:/i)?(?: not)?(?: exist\b| defined\b| errorlevel\b| cmdextversion\b|(?: |\().*(?:\bgeq\b|\bequ\b|\bneq\b|\bleq\b|\bgtr\b|\blss\b|==))|for(?:/[dflr].*)? %+[^]+ in\(.*\)\s?do)</td></tr>
</table>

<table>
<tr><th>Rule ID:932200</th></tr>
<tr><td><b>Description</b></td></tr>
<tr><td>RCE Bypass Technique</td></tr>
<tr><td><b>Configured Header</b></td></tr>
<tr><td>SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|REQUEST_HEADERS:Referer|REQUEST_HEADERS:User-Agent|ARGS_NAMES|ARGS|XML:/* @rx (?:[*?`\x5c][^/\n]+/|\$[({\[#@!?*\-_$a-zA-Z0-9]|/[^/]+?[*?`\x5c])</td></tr>
<tr><td><b>Recommended Header</b></td></tr>
<tr><td>SecRule REQUEST_COOKIES|!REQUEST_COOKIES/__utm/|REQUEST_COOKIES_NAMES|ARGS_NAMES|ARGS|XML:/* @rx ([*?`\\][^/\n]+/|\$[({\[#a-zA-Z0-9]|/[^/]+?[*?`\\])</td></tr>
</table>

<table>
<tr><th>Rule ID:932190</th></tr>
<tr><td><b>Description</b></td></tr>
<tr><td>Remote Command Execution: Wildcard bypass technique attempt</td></tr>
<tr><td><b>Configured Header</b></td></tr>
<tr><td>SecRule ARGS @rx /(?[?*]+[a-z/]+|[a-z/]+[?*]+)</td></tr>
<tr><td><b>Recommended Header</b></td></tr>
<tr><td>SecRule ARGS @rx (?/|\\\\)(?:[\?*]+[a-z/\\\\]+|[a-z/\\\\]+[\?*]+)</td></tr>
</table>

Version

As of 2023-03-03 01:25:46.294349, the latest version of ModSecurity Core Rule Set (CRS) is: 4.0.0. The following rules are not using the latest version. Please check the latest version from https://github.com/coreruleset/coreruleset

Rule ID	Current Version	Latest Version
None	3.3.0	4.0.0
933100	3.3.0	4.0.0
933110	3.3.0	4.0.0
933120	3.3.0	4.0.0
933130	3.3.0	4.0.0
933140	3.3.0	4.0.0
933200	3.3.0	4.0.0
933150	3.3.0	4.0.0
933160	3.3.0	4.0.0
933170	3.3.0	4.0.0
933180	3.3.0	4.0.0
933210	3.3.0	4.0.0
933151	3.3.0	4.0.0
933131	3.3.0	4.0.0
933161	3.3.0	4.0.0
933111	3.3.0	4.0.0

933190	3.3.0	4.0.0
953100	3.3.0	4.0.0
953110	3.3.0	4.0.0
953120	3.3.0	4.0.0
934100	3.3.0	4.0.0
942100	3.3.0	4.0.0
942140	3.3.0	4.0.0
942160	3.3.0	4.0.0
942170	3.3.0	4.0.0
942190	3.3.0	4.0.0
942220	3.3.0	4.0.0
942230	3.3.0	4.0.0
942240	3.3.0	4.0.0
942250	3.3.0	4.0.0
942270	3.3.0	4.0.0
942280	3.3.0	4.0.0
942290	3.3.0	4.0.0
942320	3.3.0	4.0.0
942350	3.3.0	4.0.0
942360	3.3.0	4.0.0
942500	3.3.0	4.0.0
942110	3.3.0	4.0.0
942120	3.3.0	4.0.0
942130	3.3.0	4.0.0
942150	3.3.0	4.0.0
942180	3.3.0	4.0.0
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942210	3.3.0	4.0.0
942260	3.3.0	4.0.0
942300	3.3.0	4.0.0
942310	3.3.0	4.0.0

942330	3.3.0	4.0.0
942340	3.3.0	4.0.0
942361	3.3.0	4.0.0
942370	3.3.0	4.0.0
942380	3.3.0	4.0.0
942390	3.3.0	4.0.0
942400	3.3.0	4.0.0
942410	3.3.0	4.0.0
942470	3.3.0	4.0.0
942480	3.3.0	4.0.0
942430	3.3.0	4.0.0
942440	3.3.0	4.0.0
942450	3.3.0	4.0.0
942510	3.3.0	4.0.0
942101	3.3.0	4.0.0
942251	3.3.0	4.0.0
942490	3.3.0	4.0.0
942420	3.3.0	4.0.0
942431	3.3.0	4.0.0
942460	3.3.0	4.0.0
942511	3.3.0	4.0.0
942421	3.3.0	4.0.0
942432	3.3.0	4.0.0
905100	3.3.0	4.0.0
905110	3.3.0	4.0.0
951100	3.3.0	4.0.0
951110	3.3.0	4.0.0
951120	3.3.0	4.0.0
951130	3.3.0	4.0.0
951140	3.3.0	4.0.0
951150	3.3.0	4.0.0

951160	3.3.0	4.0.0
951170	3.3.0	4.0.0
951180	3.3.0	4.0.0
951190	3.3.0	4.0.0
951200	3.3.0	4.0.0
951210	3.3.0	4.0.0
951220	3.3.0	4.0.0
951230	3.3.0	4.0.0
951240	3.3.0	4.0.0
951250	3.3.0	4.0.0
951260	3.3.0	4.0.0
943100	3.3.0	4.0.0
943110	3.3.0	4.0.0
943120	3.3.0	4.0.0
944110	3.3.0	4.0.0
944120	3.3.0	4.0.0
944130	3.3.0	4.0.0
944210	3.3.0	4.0.0
944240	3.3.0	4.0.0
944250	3.3.0	4.0.0
954100	3.3.0	4.0.0
954110	3.3.0	4.0.0
954120	3.3.0	4.0.0
954130	3.3.0	4.0.0
930100	3.3.0	4.0.0
930110	3.3.0	4.0.0
930120	3.3.0	4.0.0
930130	3.3.0	4.0.0
941100	3.3.0	4.0.0
941110	3.3.0	4.0.0
941130	3.3.0	4.0.0

941140	3.3.0	4.0.0
941160	3.3.0	4.0.0
941170	3.3.0	4.0.0
941180	3.3.0	4.0.0
941190	3.3.0	4.0.0
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941210	3.3.0	4.0.0
941220	3.3.0	4.0.0
941230	3.3.0	4.0.0
941240	3.3.0	4.0.0
941250	3.3.0	4.0.0
941260	3.3.0	4.0.0
941270	3.3.0	4.0.0
941280	3.3.0	4.0.0
941290	3.3.0	4.0.0
941300	3.3.0	4.0.0
941310	3.3.0	4.0.0
941350	3.3.0	4.0.0
941360	3.3.0	4.0.0
941370	3.3.0	4.0.0
941101	3.3.0	4.0.0
941120	3.3.0	4.0.0
941150	3.3.0	4.0.0
941320	3.3.0	4.0.0
941330	3.3.0	4.0.0
941340	3.3.0	4.0.0
941380	3.3.0	4.0.0
949110	3.3.0	4.0.0
920100	3.3.0	4.0.0
920120	3.3.0	4.0.0
920160	3.3.0	4.0.0

920170	3.3.0	4.0.0
920171	3.3.0	4.0.0
920180	3.3.0	4.0.0
920181	3.3.0	4.0.0
920190	3.3.0	4.0.0
920210	3.3.0	4.0.0
920220	3.3.0	4.0.0
920240	3.3.0	4.0.0
920250	3.3.0	4.0.0
920260	3.3.0	4.0.0
920270	3.3.0	4.0.0
920280	3.3.0	4.0.0
920290	3.3.0	4.0.0
920310	3.3.0	4.0.0
920311	3.3.0	4.0.0
920330	3.3.0	4.0.0
920340	3.3.0	4.0.0
920350	3.3.0	4.0.0
920380	3.3.0	4.0.0
920360	3.3.0	4.0.0
920370	3.3.0	4.0.0
920390	3.3.0	4.0.0
920400	3.3.0	4.0.0
920410	3.3.0	4.0.0
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920420	3.3.0	4.0.0
920480	3.3.0	4.0.0
920430	3.3.0	4.0.0
920440	3.3.0	4.0.0
920500	3.3.0	4.0.0
920450	3.3.0	4.0.0

920200	3.3.0	4.0.0
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920230	3.3.0	4.0.0
920271	3.3.0	4.0.0
920320	3.3.0	4.0.0
920121	3.3.0	4.0.0
920341	3.3.0	4.0.0
920272	3.3.0	4.0.0
920300	3.3.0	4.0.0
920490	3.3.0	4.0.0
920510	3.3.0	4.0.0
920202	3.3.0	4.0.0
920273	3.3.0	4.0.0
920274	3.3.0	4.0.0
920275	3.3.0	4.0.0
920460	3.3.0	4.0.0
959100	3.3.0	4.0.0
952100	3.3.0	4.0.0
952110	3.3.0	4.0.0
921110	3.3.0	4.0.0
921120	3.3.0	4.0.0
921130	3.3.0	4.0.0
921140	3.3.0	4.0.0
921150	3.3.0	4.0.0
921160	3.3.0	4.0.0
921190	3.3.0	4.0.0
921200	3.3.0	4.0.0
921151	3.3.0	4.0.0
921170	3.3.0	4.0.0
921180	3.3.0	4.0.0
911100	3.3.0	4.0.0

901001	3.3.0	4.0.0
901100	3.3.0	4.0.0
901110	3.3.0	4.0.0
901120	3.3.0	4.0.0
901125	3.3.0	4.0.0
901130	3.3.0	4.0.0
901140	3.3.0	4.0.0
901141	3.3.0	4.0.0
901142	3.3.0	4.0.0
901143	3.3.0	4.0.0
901160	3.3.0	4.0.0
901162	3.3.0	4.0.0
901168	3.3.0	4.0.0
901163	3.3.0	4.0.0
901164	3.3.0	4.0.0
901165	3.3.0	4.0.0
901167	3.3.0	4.0.0
901200	3.3.0	4.0.0
901321	3.3.0	4.0.0
901340	3.3.0	4.0.0
901350	3.3.0	4.0.0
901400	3.3.0	4.0.0
901410	3.3.0	4.0.0
901450	3.3.0	4.0.0
901500	3.3.0	4.0.0
931100	3.3.0	4.0.0
931110	3.3.0	4.0.0
931120	3.3.0	4.0.0
931130	3.3.0	4.0.0
950130	3.3.0	4.0.0
950140	3.3.0	4.0.0

950100	3.3.0	4.0.0
932115	3.3.0	4.0.0
932120	3.3.0	4.0.0
932130	3.3.0	4.0.0
932140	3.3.0	4.0.0
932160	3.3.0	4.0.0
932170	3.3.0	4.0.0
932171	3.3.0	4.0.0
932180	3.3.0	4.0.0
932200	3.3.0	4.0.0
932190	3.3.0	4.0.0
913100	3.3.0	4.0.0
913110	3.3.0	4.0.0
913120	3.3.0	4.0.0
913101	3.3.0	4.0.0
913102	3.3.0	4.0.0

Severity

The severity level of a rule in ModSecurity CRS affects the score that is assigned to a particular event or anomaly detected by that rule. Each severity level has a different weight or impact on the overall score that is calculated for a particular request.

The severity levels are as follows:

CRITICAL (level 5): Indicates that the anomaly detected by the rule is very severe and requires immediate attention. A request that triggers such a rule would be assigned a high score, which would indicate that it is likely an attack.

ERROR (level 4): Indicates that the anomaly is serious and could result in a security breach if not addressed. A request that triggers such a rule would be assigned a high score, which would indicate that it is potentially malicious.

WARNING (level 3): Indicates that the anomaly is of moderate severity and could potentially lead to a security issue. A request that triggers such a rule would be assigned a lower score than a critical or error-level rule.

NOTICE (level 2): Indicates that the anomaly is of low severity and may not necessarily indicate an attack or security issue. A request that triggers such a rule would be assigned a low score.

It is important to configure the WAF rules based on the severity of the application's security needs. If the configured WAF rules have a lower severity than the OWASP CRS Guideline rules, it may result in a higher risk of successful attacks.

The following rules have different severity

Rule ID	Configured Severity	Recommended Severity
949110	CRITICAL	None

Action

In ModSecurity, "pass", "deny", and "block" are actions that can be taken by a rule when a request or response matches that rule.

"pass" means that the rule will be skipped and the request/response will be allowed to continue through the WAF without being blocked or flagged as an anomaly.

"deny" means that the request will be blocked, and the client will receive a response indicating that their request was denied.

"block" is similar to "deny" in that it also blocks the request, but it also generates an event that can be logged and alerts the WAF administrator to the attempted attack.

These actions are usually associated with the severity level of a rule, with higher severity rules being more likely to "deny" or "block" a request. The specific actions taken by a rule depend on the configuration of the WAF, including the desired level of protection, the sensitivity of the protected application, and the likelihood of false positives.

Having current configured rules to have lower restrictive actions such as "pass" when it should be a higher restrictive action such as "deny" can leave the system vulnerable to attacks.

The following rules have different actions:

Rule ID	Configured Action	Recommended Action
None	pass	
901001	pass	deny