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Commit 0e56382



Daniel Neto committed on Mar 16 · 11 / 11

fix: enhance SSRF protection by validating redirect URLs and preventing access to restricted networks

[GHSA-9x67-f2v7-63rw](#)

master · 29.0 26.0

1 parent [b3fa786](#) commit 0e56382

1 file changed +20 -2 lines changed

Top



plugin/LiveLinks

proxy.php

1 file changed +20 -2 lines changed



plugin/LiveLinks/proxy.php



```

@@ -28,7 +28,9 @@
28 28     'http' => array(
29 29         'user_agent' => 'Mozilla/5.0 (Windows NT 10.0; Win64; x64)
        AppleWebKit/537.36 (KHTML, like Gecko) Chrome/74.0.3729.169 Safari/537.36',
30 30         "method" => "GET",
31  -         "header" => array("Referer: localhost\r\nAccept-language: en\r\nCookie:
        foo=bar\r\n")
31  +         "header" => array("Referer: localhost\r\nAccept-language: en\r\nCookie:
        foo=bar\r\n"),
32  +         'follow_location' => 0,
33  +         'max_redirects' => 0,
32 34     )

```

```
33 35 );
34 36 $context = stream_context_create($options);
@@ -37,7 +39,23 @@
37 39
38 40 $headers = get_headers($_GET['livelink'], 1, $context);
39 41 if (!empty($headers["Location"])) {
40 - $_GET['livelink'] = $headers["Location"];
42 + $redirectUrl = $headers["Location"];
43 +
44 + // Validate the redirect target URL format and scheme before SSRF check
45 + if (!filter_var($redirectUrl, FILTER_VALIDATE_URL) ||
    !preg_match("/^https?:\\\/\\\/i", $redirectUrl)) {
46 +     _error_log("LiveLinks proxy: invalid redirect URL: " . $redirectUrl);
47 +     echo "Access denied: Invalid redirect URL";
48 +     exit;
49 + }
50 +
51 + // SSRF Protection: Re-validate redirect target against internal/private
    networks
52 + if (!isSSRFSafeURL($redirectUrl)) {
53 +     _error_log("LiveLinks proxy: SSRF protection blocked redirect URL: " .
    $redirectUrl);
54 +     echo "Access denied: Redirect URL targets restricted network";
55 +     exit;
56 + }
57 +
58 + $_GET['livelink'] = $redirectUrl;
41 59 $urlinfo = parse_url($_GET['livelink']);
42 60 $content = fakeBrowser($_GET['livelink']);
43 61 $_GET['livelink'] = "{$urlinfo["scheme"]}://{$urlinfo["host"]}:"
    {$urlinfo["port"]}";
```

Comments 0



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