

CVE-2020-26136 GraphQL doesn't honour MFA when using basic auth

Severity:

Medium (? (https://docs.silverstripe.org/en/contributing/release_process/#security-releases))

Identifier:

CVE-2020-26136

Versions Affected:

silverstripe/graphql: ^3.0.0, ^4.0.0-alpha1

Versions Fixed:

silverstripe/graphql: ^3.5.0, ^4.0.0-alpha2

Release Date:

2021-06-08

The GraphQL module accepts basic-auth as an authentication method by default. This can be used to bypass MFA authentication if the silverstripe/mfa module is installed, which is now a commonly installed module. A users password is still required though.

Basic-auth has been removed as a default authentication method. If desired, it can be re-enabled by adding it to the authenticators key of a schema, or on SilverStripe\GraphQL\Auth\Handler, i.e.

```
authenticators:
-
  class: SilverStripe\GraphQL\Auth\BasicAuthAuthenticator
  priority: 20
```

Base CVSS: 4.2 (<https://nvd.nist.gov/vuln-metrics/cvss/v3-calculator?vector=AV:N/AC:H/PR:L/UI:N/S:U/C:L/I:L/A:N&version=3.1>)

CWP CVSS: 4.2 (<https://nvd.nist.gov/vuln-metrics/cvss/v3-calculator?vector=AV:N/AC:H/PR:L/UI:N/S:U/C:L/I:L/A:N&version=3.1>)

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