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Dear LEI Data User,

GLEIF would like to announce that from **2022-10-10**, the GLEIF Golden Copy API for file downloads will be changed. This implies, that all API file download requests will result in a redirect to the direct file path (302 HTTP response code with Location header) instead of a direct download from the API endpoint. This change has been implemented to achieve better scalability and to overcome performance bottlenecks related to file downloads being served directly by the API.

The affected domains are:

1. goldencopy.gleif.org
2. leidata-preview.gleif.org

How does this change look in practice?

GLEIF API provides several API endpoints for downloading the Golden Copy (delta) files. Currently, invocation of a download API endpoint will result in direct file download (200 HTTP response code). A curl-based example is shown below:

```
curl https://goldencopy.gleif.org/api/v2/golden-
copies/publishes/lei2/20220601-0000.csv
# HTTP/1.1 200 OK
```

And after the suggested date (2022-10-10), all API requests will be redirected to direct file download path (302 HTTP response code with a Location header). A curl-based example is shown below:

```
curl -L https://goldencopy.gleif.org/api/v2/golden-
copies/publishes/lei2/20220601-0000.csv
# HTTP/1.1 302 Found
# Location: https://goldencopy.gleif.org/storage/golden-copy-
files/2022/06/01/6/20220601-0000-gleif-goldencopy-lei2-golden-copy.csv.zip
# ...
# HTTP/1.1 200 OK
```

In the above curl-based example, the only required change is the addition of the location flag (-L or --location) to ensure that the new redirected location is followed. Such behavior may be default or may need to be configured or handled differently based on the HTTP client used. Therefore, we request our data consumers to ensure their respective HTTP clients/applications properly follow and handle the redirects as shown above.

Who is affected?

1. This change will affect the users using Golden Copy API URLs that result in a direct file download, for example:

a) https://goldencopy.gleif.org/api/v2/golden-copies/publishes/lei2/20220601-0000.csv
b) https://goldencopy.gleif.org/api/v2/golden-copies/publishes/lei2/20220601-0000.xml
c) https://goldencopy.gleif.org/api/v2/golden-copies/publishes/lei2/20220601-0000.json?delta=IntraDay

In this case, please ensure to check with your respective technical team to assure that the redirection would work as expected.

2. This change will not affect the users using the direct file download URLs listed in API responses, which already use the direct file paths under **"/storage",** for example:

https://goldencopy.gleif.org/storage/golden-copy-files/2022/06/01/642510/20220601-0000-gleif-goldencopy-lei2-golden-copy.csv.zip

How to configure?

Prepare and test your system before the change is rolled out. The HTTP 302 redirect status code will be introduced, and the existing systems must be updated to support the new behavior in a forward-compatible way through any of the following methods:

1. (Recommended) Ensuring your HTTP client/application properly follows and handles redirects. This behavior may be default or may need to be configured or handled differently based on the HTTP client used.
2. Manually update your system to additionally understand the HTTP 302 responses and inspect the Location header to follow the direct file download URL.

Is there any temporary test environment available?

GLEIF has provided a temporary test environment for data consumers to check if their systems will work with the new behavior and to ensure that redirects to the direct file download are followed. This eases the transition to the new redirect behavior.

Please find the temporary test environment examples below that showcase the new redirect behavior:

a) https://goldencopy-next.gleif.org/api/v2/golden-copies/publishes/lei2/19990101-0000.csv
b) https://goldencopy-next.gleif.org/api/v2/golden-copies/publishes/lei2/19990101-0000.xml
c) https://goldencopy-next.gleif.org/api/v2/golden-copies/publishes/lei2/19990101-0000.json?delta=IntraDay

Notes:

1. The Golden Copy API test environment is an exemplary snapshot of a subset of the data for demonstration purposes and is not intended for actual use.
2. The provided temporary test environment will be decommissioned after the new Golden Copy API behavior is rolled out.

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To stay up to date with all GLEIF activities and LEI developments, please follow us on LinkedIn and Twitter and subscribe to the "GLEIF and LEI News" page via RSS. Also, please subscribe to the GLEIF in the Spotlight for the monthly technical newsletter.

Best wishes,
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