AQUILA - Digital Guardian Integration

Integrating **Digital Guardian (DG)** with **AQUILA** for security log ingestion typically involves exporting logs from DG and then parsing and ingesting them into **AQUILA.**

Digital Guardian is a Data Loss Prevention **(DLP)** and endpoint protection tool. It logs:

- Data access
- File operations (copy, move, print, etc.)
- Application usage
- User behavior analytics

Goal: Extract these logs and ingest them into **AQUILA** to enable searching, visualization, and alerting.

Digital Guardian's native integration with **Aquila Agent** requires:

- ARC Server URL
- Authorization Server URL
- ARC Export Profile ID
- Client ID
- Client Secret

Working with the **Digital Guardian ARC Cloud API** (Advanced Reporting & Correlation), which is used to export events via a secure API.

Steps on getting the required information before integrating it to AQUILA

1. ARC Server URL

- This is the base URL for the **Digital Guardian ARC cloud instance**.
- It looks like:
  - **https://arc.digitalguardian.com**
- Sometimes it's region-specific (e.g., EU or US ARC instance).

2. Authorization Server URL

- This is the OAuth2 token server used for authenticating API calls.
- It may look like:
  - **https://auth.digitalguardian.com**
- Or it may be included in your API documentation.

3. ARC Export Profile ID

- This is a **profile ID** that determines which logs (event types, time windows, etc.) are exported via the API.
- It is **configured by a DG admin** inside the **DG Management Console** under the **ARC export profiles** section.
- Steps for the DG Admin:
  - Log in to the **Digital Guardian Console**.

- Go to **ARC > Export Profiles**.
- Create or view an export profile with appropriate filters.
- Copy the **Export Profile ID** from the profile details.

4. Client ID & Client Secret

- These are **OAuth2 credentials** used to authenticate your API access.
- Generated via the **API client registration** feature in the DG admin interface.
- Steps for the DG Admin:
  - Log into the **Digital Guardian ARC Console**.
  - Navigate to **ARC > API Clients / Applications**.
  - Register a new application.
    - Assign the **Export Profile ID**.
    - Set appropriate scopes (usually “read:events”).
  - A **Client ID** and **Client Secret** will be generated.
- **IMPORTANT:** The **Client Secret** is shown **only once**, so it must be secure.

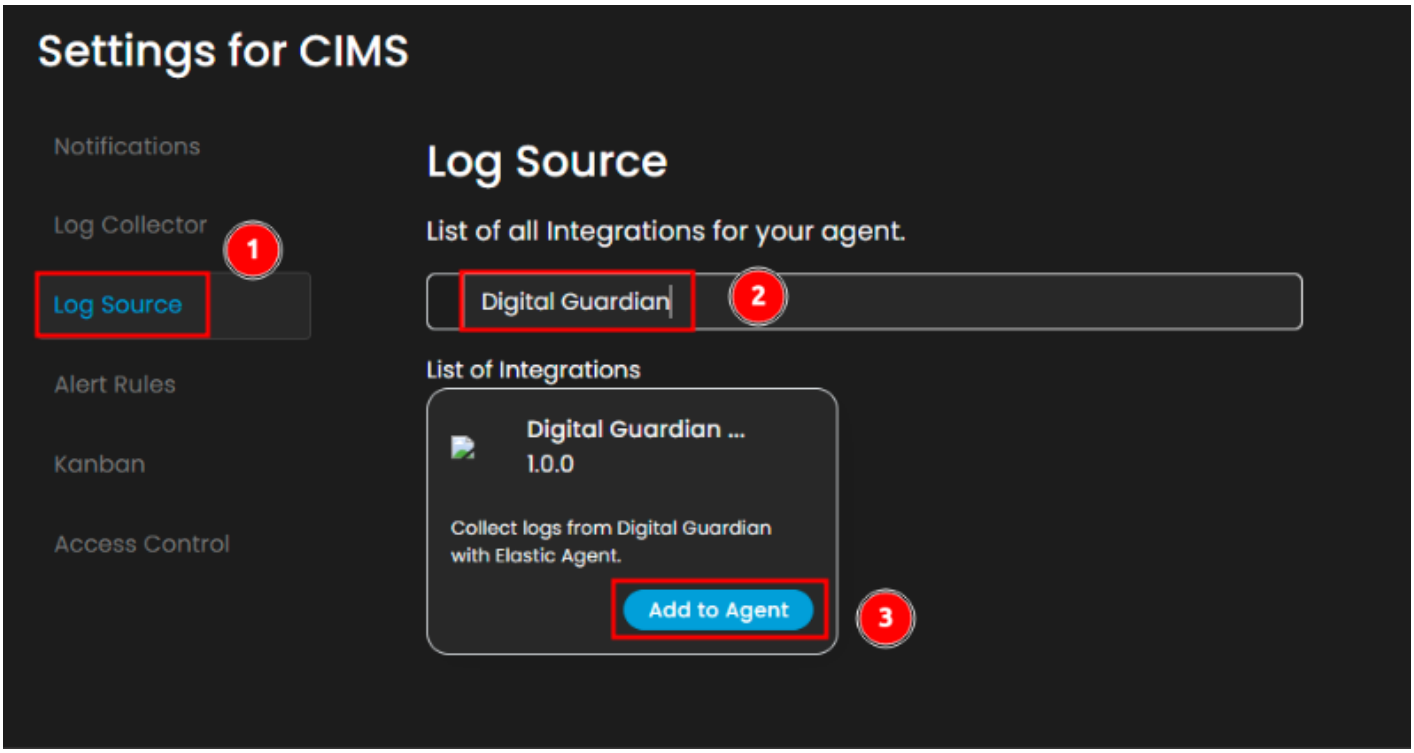
Sample Information needed from DG Admin

Parameter	Example Value
ARC Server URL	`https://arc.digitalguardian.com`
Authorization Server URL	`https://auth.digitalguardian.com/oauth2/token`
Export Profile ID	`3454b8d2-6d5f-431c-92df-9b1edc9e4d57`
Client ID	`dg-elastic-integration-12345`
Client Secret	`d83jKD83jd92JD...`

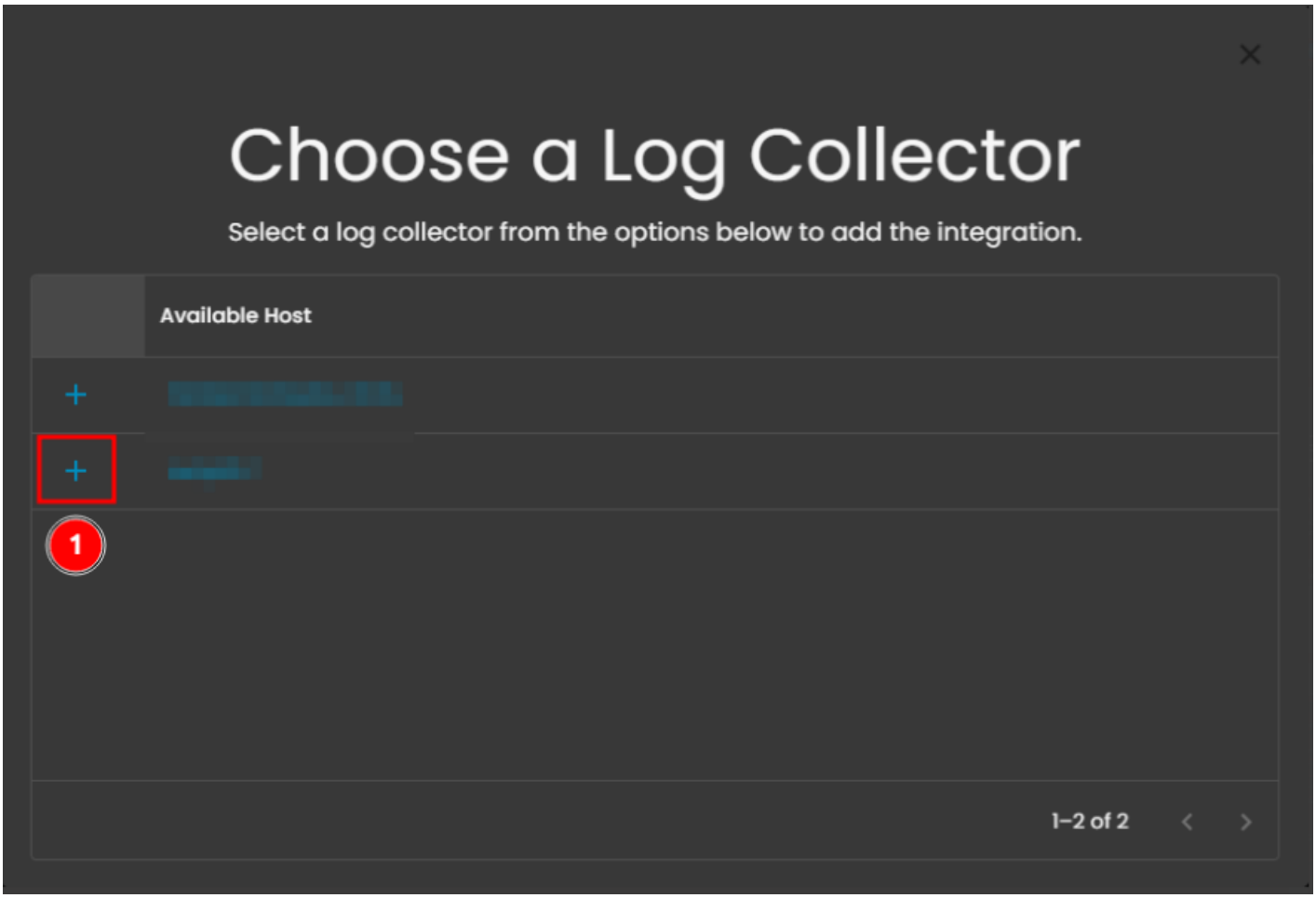
Integration to AQUILA

1. Log in to **CyTech - AQUILA.** Choose **Cyber Monitoring -> Cyber Incident Management -> Settings.**

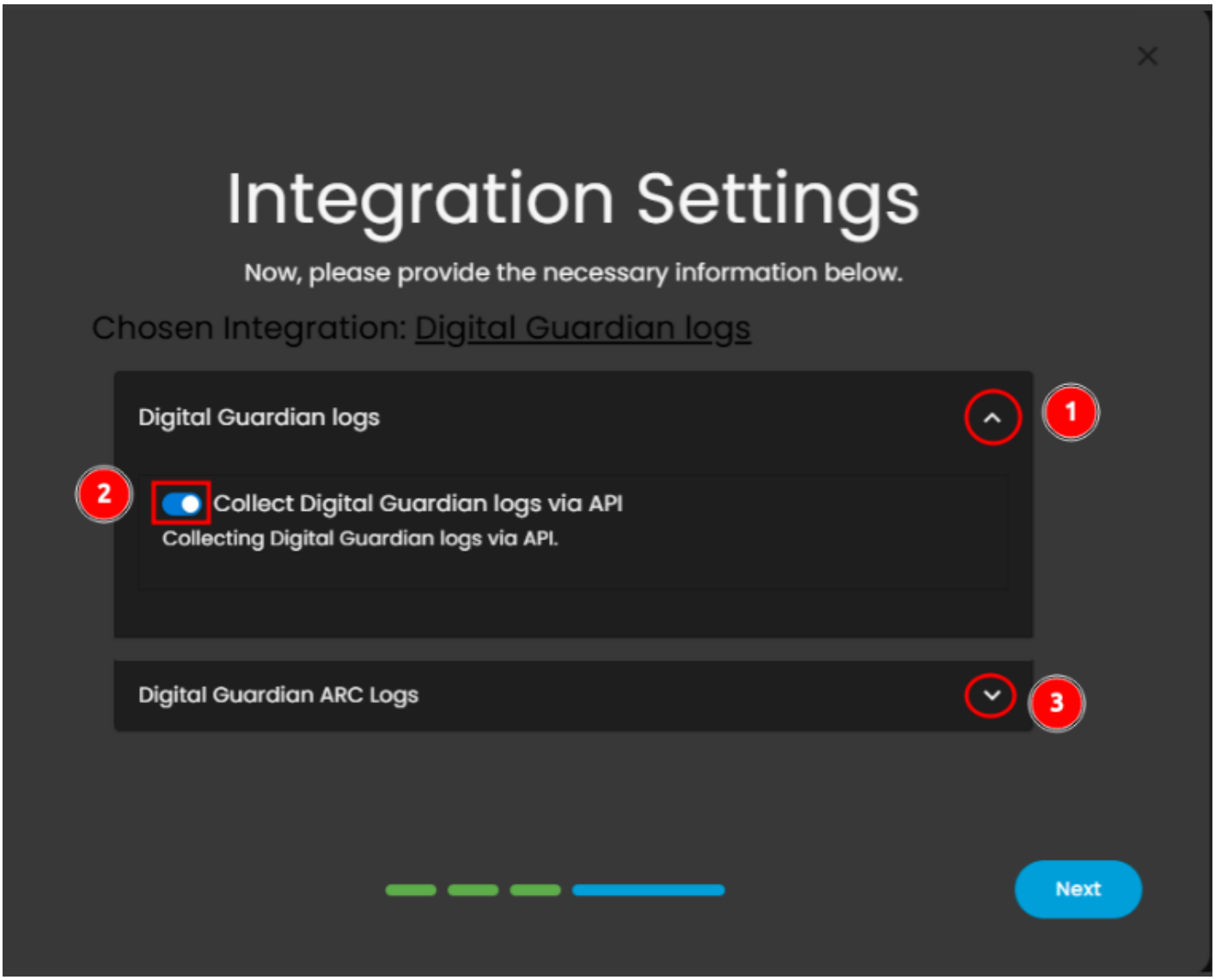
2. Click **Log Source.** In the text box type **Digital Guardian,** the log source will show up and click the **Add to Agent.**



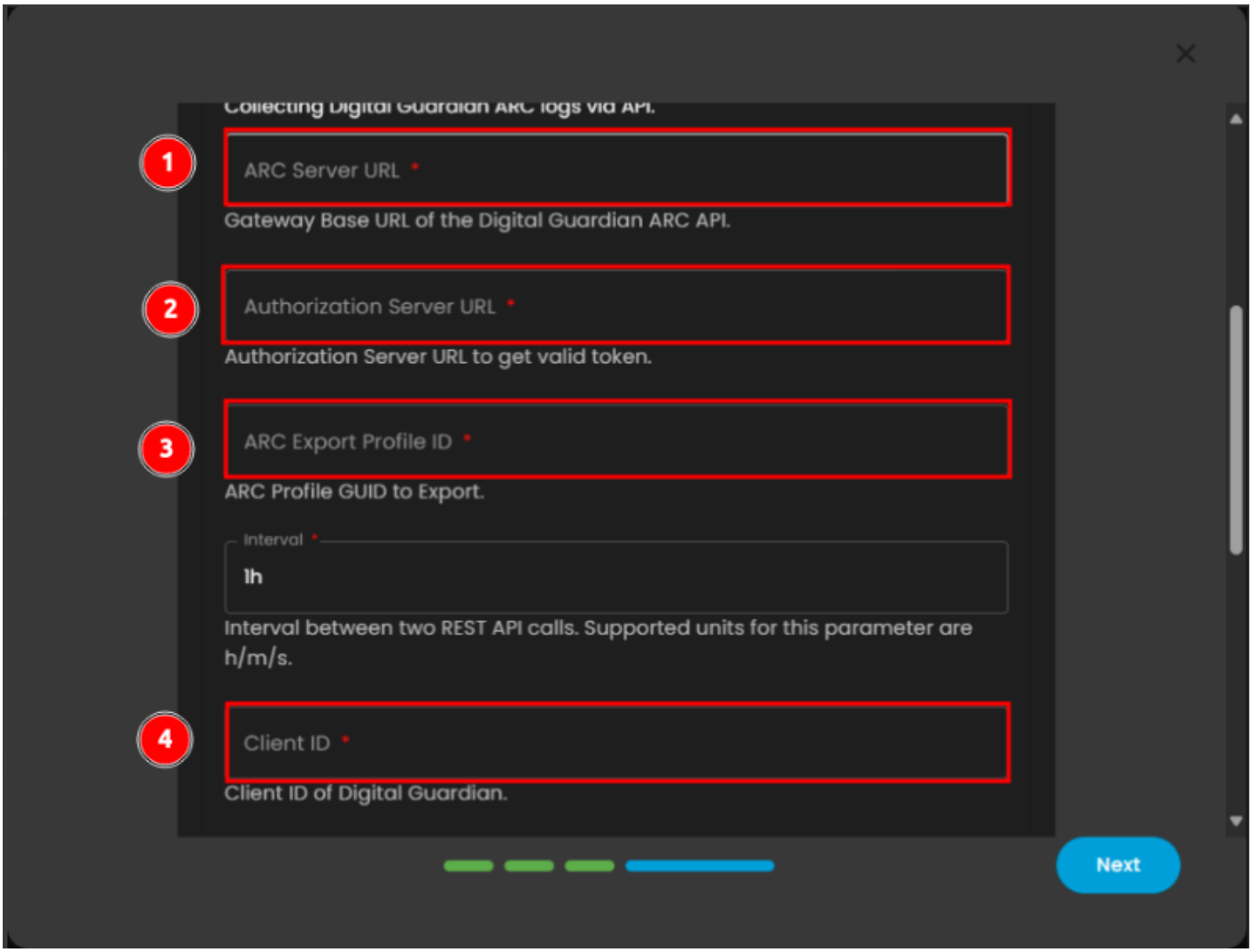
3. Choose the **Log Collector** name you installed. Click the **+** sign.



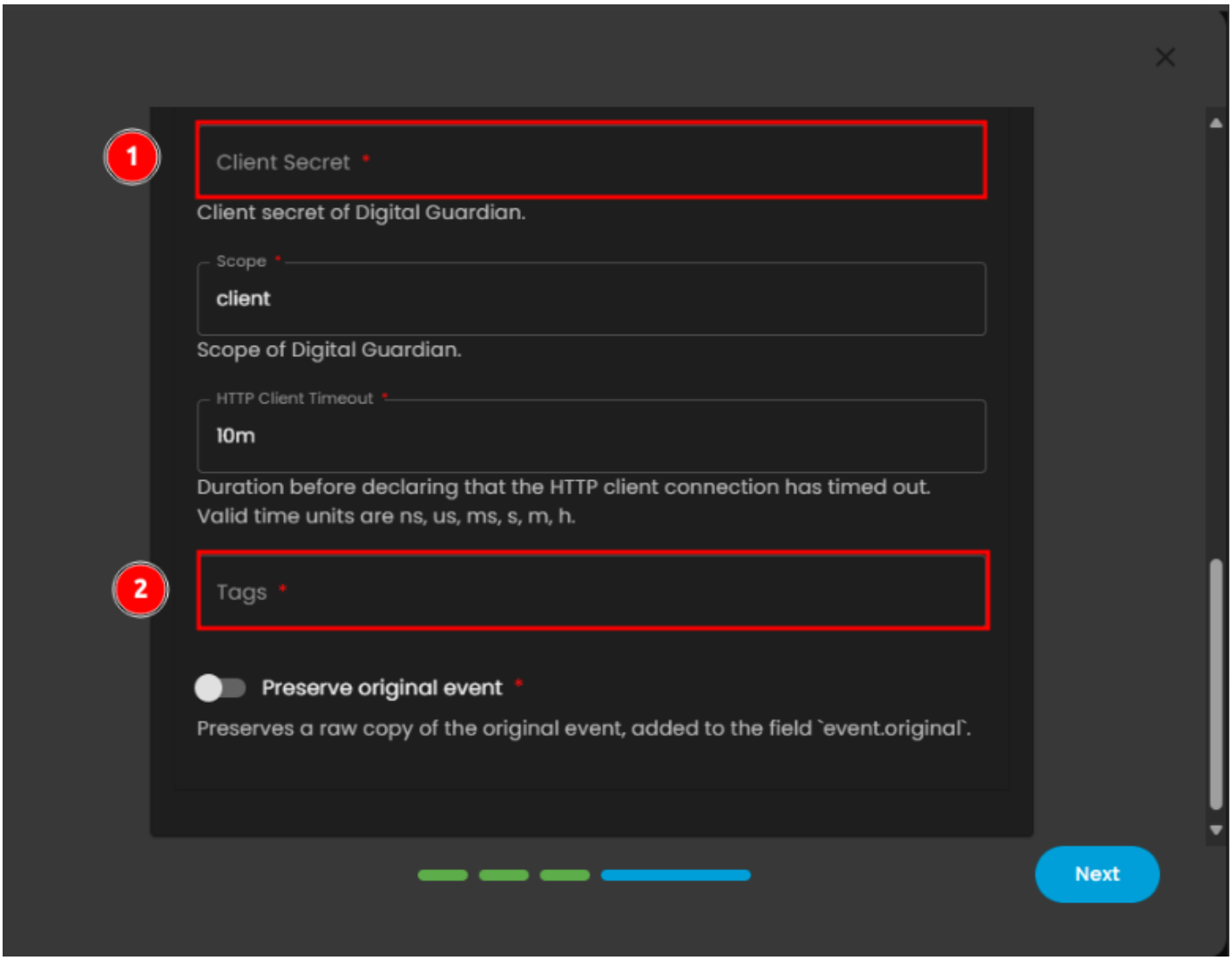
4. Enable the **Collect Digital Guardian logs via API.**

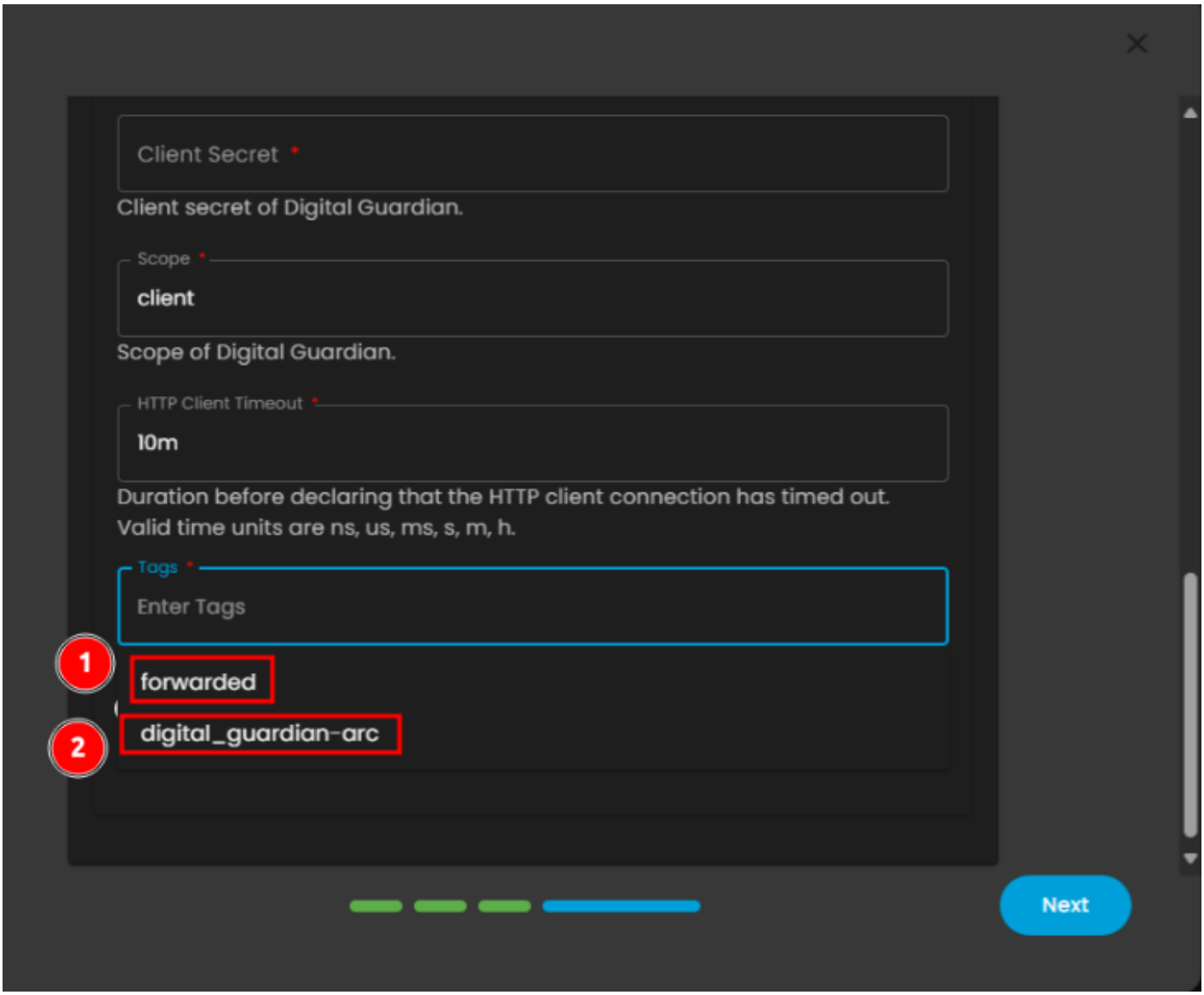


5. Paste the information you gather on each text box. **ARC Server URL, Authorization Server URL, ARC Export Profile ID** and **Client ID.** Then scroll down.

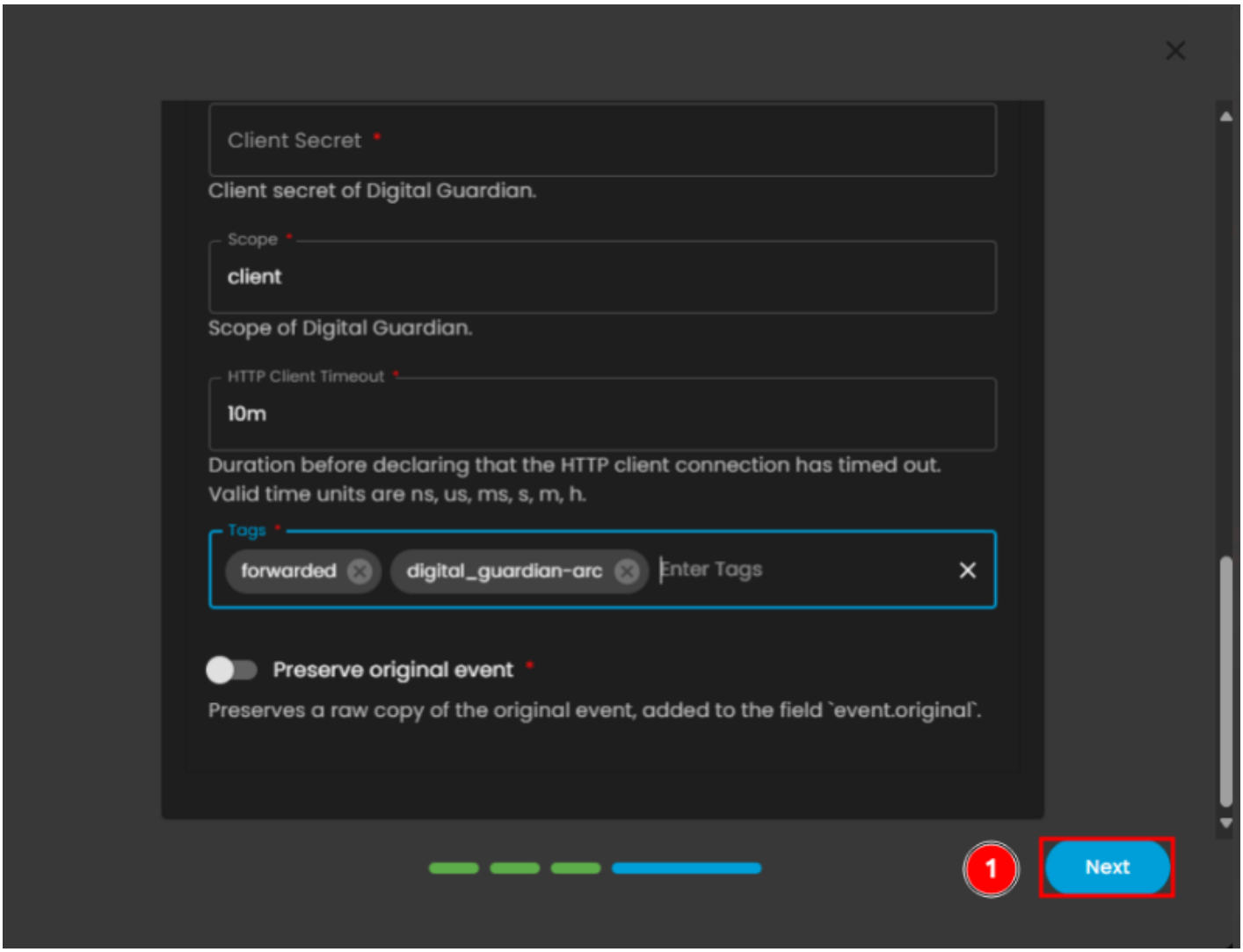


6. Paste the information you gather on each text box. **Client Secret,** then click the **Tags** text box, it will show 2 tags you will need to add.

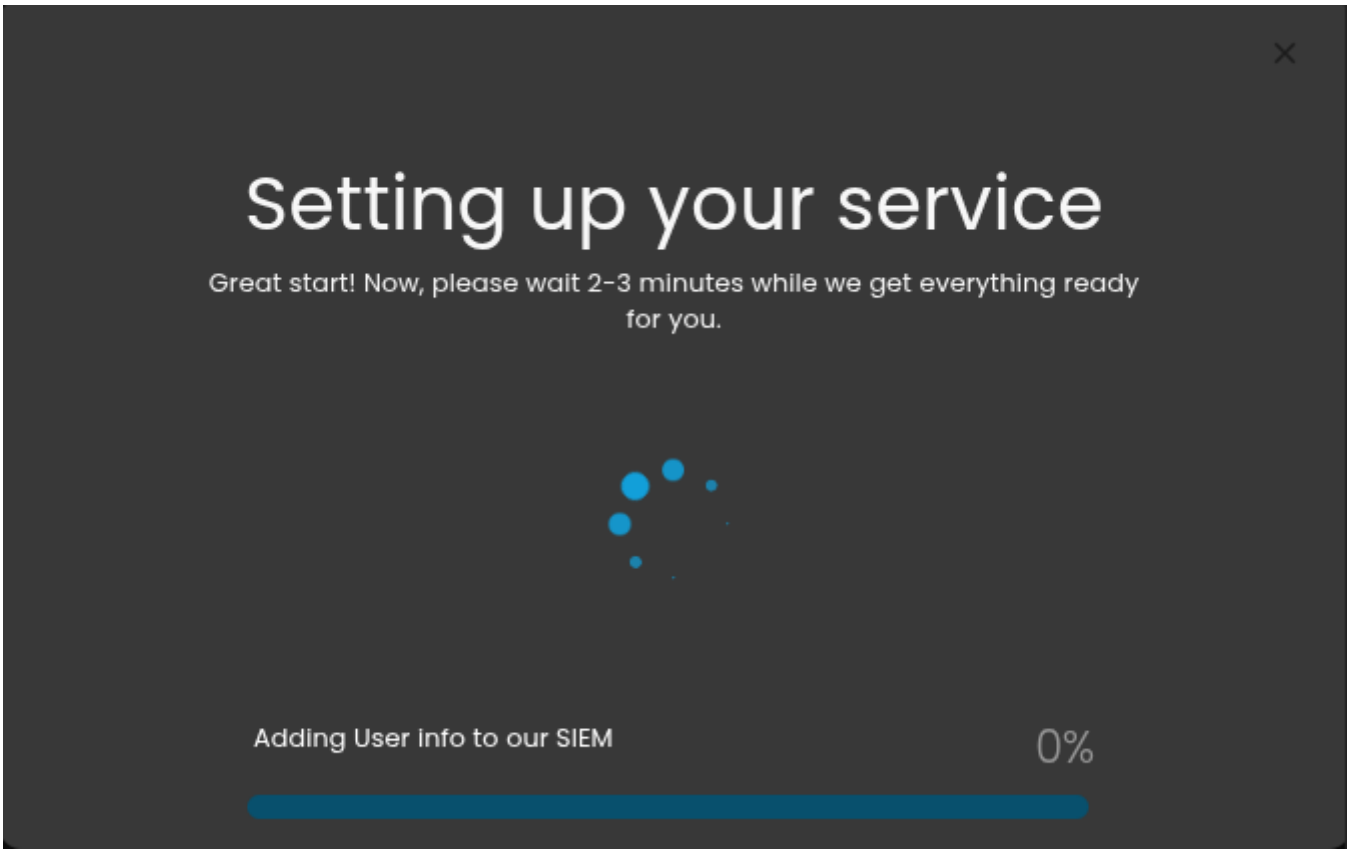

1
Client Secret *
Client secret of Digital Guardian.
Scope *
client
Scope of Digital Guardian.
HTTP Client Timeout *
10m
Duration before declaring that the HTTP client connection has timed out.
Valid time units are ns, us, ms, s, m, h.
2
Tags *
Preserve original event *
Preserves a raw copy of the original event, added to the field `event.original`.
Next



7. Then click **Next** so that the integration will process the information you inputted.



8. Wait for the **Successful** window to display, this will confirm the successful integration.



If you need further assistance, kindly contact our support at ***support@cytechint.com*** *for prompt assistance and guidance.*

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