Auto Installer of Intercom Activity Logs

Overview

A lightweight, dependency-free Bash collector that polls the **Intercom Admin Activity Logs API** on an hourly schedule, flattens each event to a dot-notation NDJSON record, rotates output files at a configurable size, and automatically purges old archives — all running as a systemd user service with no root access required.

Prerequisites

- **Intercom API token**
- **Intercom API Version**

Steps to generate an Intercom API Token

1. Go to the official Intercom Developer Hub:

   Intercom Developer Hub
2. Log in to your Intercom workspace.
3. Open your workspace's **Developer Hub**:
   - In Intercom, go to:
     Settings → Developer Hub → Your Apps
4. Click **New App** (or "Create App").
5. Enter:
   - App name
   - Description (optional)
6. After creating the app:
   - Open the app
   - Go to **Configure → Authentication**
7. You'll see your **Access Token** there.
8. Copy the token and store it securely.
9. You can also find the API Version and copy as well.

Creating the setup installer

Linux:

1. **Login to the Log Collector.**
2. **Open Terminal and type the following commands.**
   - ```
     cd Documents
     ```
   - ```
     nano setup.sh
     ```
3. **Paste this Script** ***Contact Aquila Tech Support for the full source code*.**
   - ```
     Please Contact "Aquila Platform Defence and Technical Enablement" for the source code. Thank you!.
     ```
4. **Save the Script and change it to executable file**.
   - ```
     chmod +x setup.sh
     ```
5. **Now execute the file.**
   - ```
     ./setup.sh
     ```
6. **Follow the on screen instruction to fully integrate the system**.
7. **Restart the service.**

```
sudo systemctl daemon-reload
```

```
systemctl --user start intercom-collector.service -f
```

> ***Provide the "activity_logs.ndjson" Directory to Cytech Support for Integration.***
> ***Example: /home/user/intercom/activity_logs.ndjson***

For the Back-end add this to Custom configurations:

```
processors:
  - decode_json_fields:
      fields: ["message"]
      target: ""
      overwrite_keys: true
```
```

```
    add_error_key: true
- add_fields:
    target: event
    fields:
      module: intercom
- add_fields:
    target: component
    fields:
      id: intercom-logs
```

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

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