

Harvester Collection Automation API

Powering mass OSINT online collections

The Challenge: So Much Data

Data collection is an essential part of an analyst's job, but the sheer amount of potentially relevant information across the surface, deep and dark web can quickly become overwhelming. What's more, most investigations are extremely time-sensitive, and analysts need to spend the majority of their time analyzing data versus collecting it.

Automating mass open source intelligence (OSINT) and web server raw asset collection decreases time-to-insight by analysts downstream, but it also presents risks. Obvious signals of intent to the target are difficult to misattribute, and there's always a risk of malicious content hiding within the data auto-collected. The ability to disguise identity and location, obscure intent and protect your network are just as important when automating as during manual analyst collection.

Organizations who choose to deploy dedicated separate infrastructure quickly realize that this type of setup requires significant additional efforts to procure, configure and manage; can't be easily integrated into workflows; and still doesn't offer complete protection and collection anonymity.

The Solution: Authentic8's Harvester Automation API

Authentic8's Harvester Automation API enhances automated web-based collection through:

- The ability to integrate into existing OSINT content collection workflows via a simple API
- A range of collection options – from full raw assets (e.g., web servers), to screenshots, files and videos
- Dedicated egress network and granular fingerprint control, allowing for unattributable collection
- Storage of collections to Authentic8's Secure Storage, with File API for file download automation
- API task management and audit logging for administrators

The Benefits

- Improve analyst research efficiency by taking collection off their task list while increasing the volume of collected information
- Enhance obfuscation and security of all automated collections
- Remove the overhead of hosting, managing and maintaining internal, homegrown "dirty" networks

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Protect the things you care about from the things you cannot trust

Authentic8 enables anyone, anywhere, on any device to experience the web without risk. The Silo Web Isolation Platform by Authentic8 separates the things you care about like apps, data and devices, from the things you cannot trust like public websites, external users and unmanaged devices. Silo executes all web code in a secure, isolated environment that is managed by policy, to provide protection and oversight.

Today, the world's most at-risk organizations rely on Silo to deliver trust where it otherwise cannot be guaranteed.