How To Track Malware Infrastructure - Identifying Laplas Infrastructure Using Hardcoded TLS Certificates

By Matthew

Published: 2023-05-18 · Archived: 2026-04-05 12:44:50 UTC

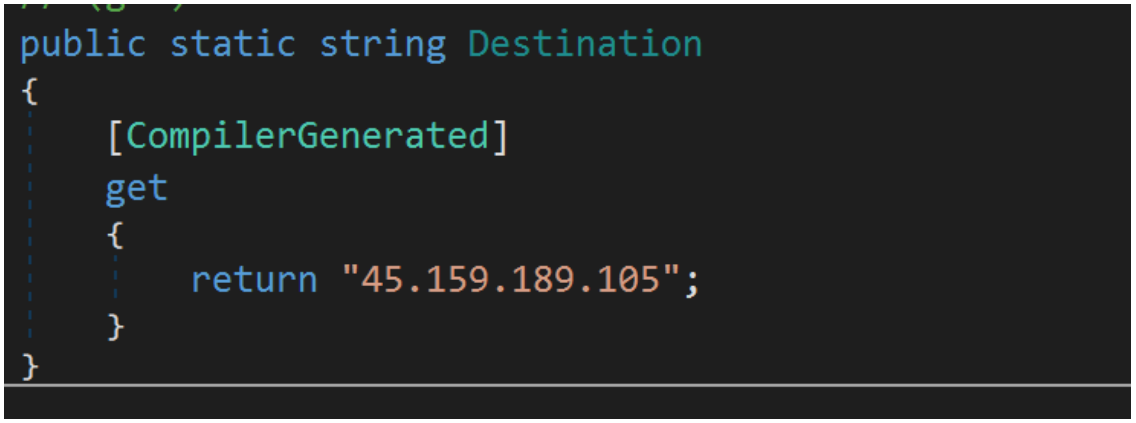
Various queries for locating potential Laplas Infrastructure. Based on an IP found in a Laplas sample from Malware Bazaar.

The full list can be found at the end of post.

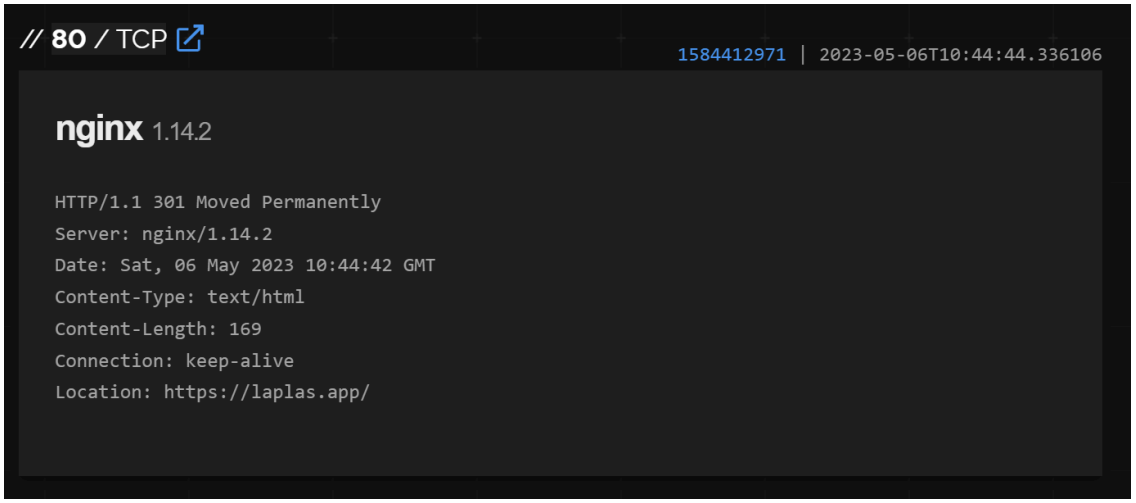
Link to Sample

SHA256: `825b0080782dee075f8aac11c3a682f86c5d3aa5462bd16be0ed511a181dd7ba`

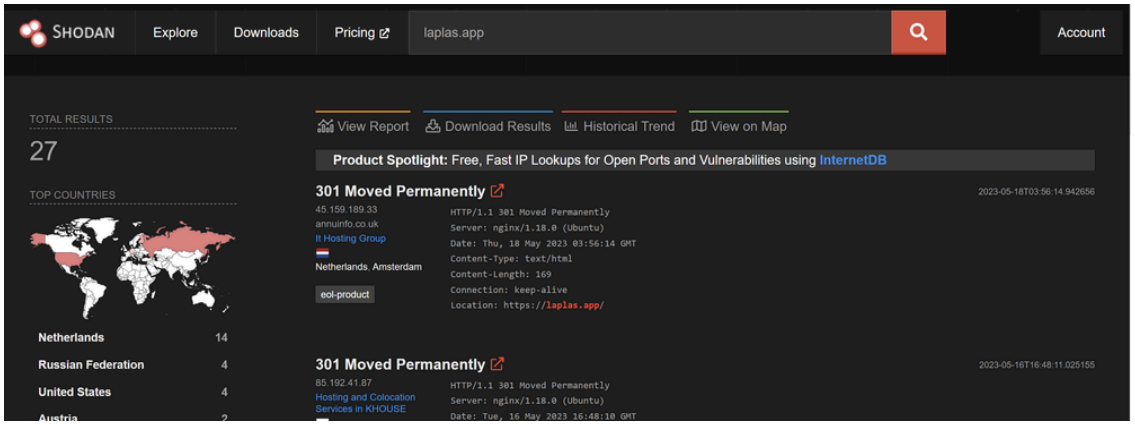
Links to relevant existing research by OALABS and Chris Duggan. Chris in particular has some work that is very similar to this.



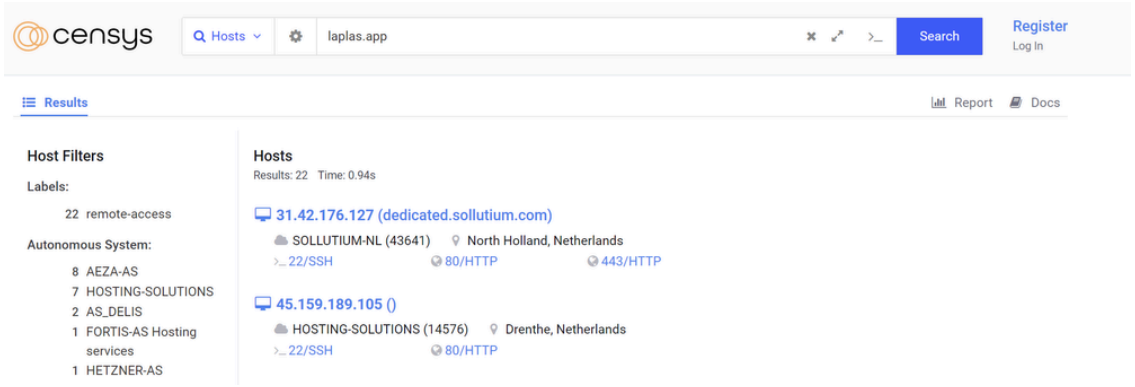
Searching this IP in Shodan reveals a server that redirects to `https://laplas[.].app`



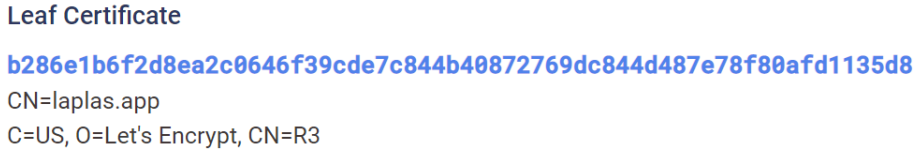
Searching `laplas.app` reveals 27 servers. Each server appears to be a redirector to the main Laplas site.



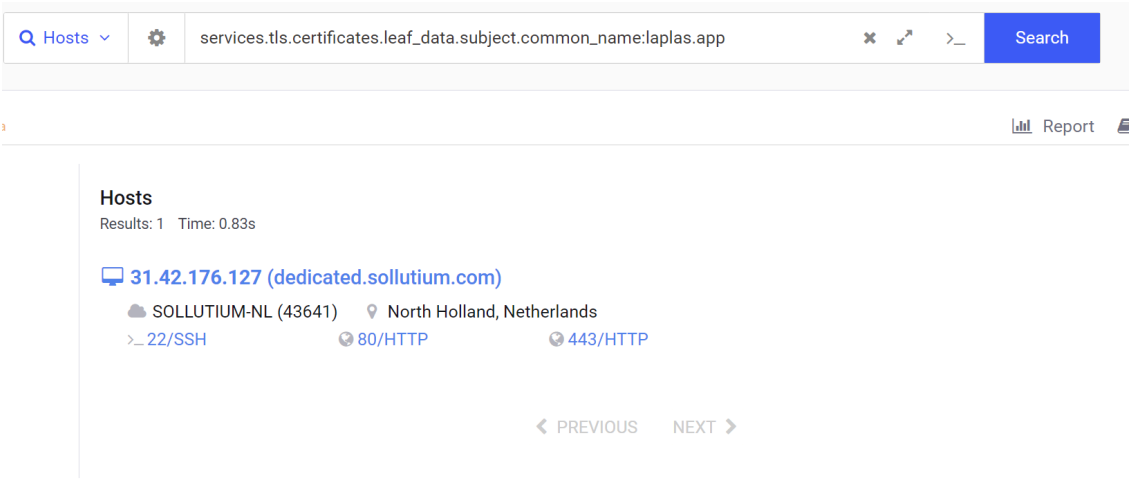
Searching `laplas.app` in Censys reveals 22 servers. Two of which were not in the original Shodan list.



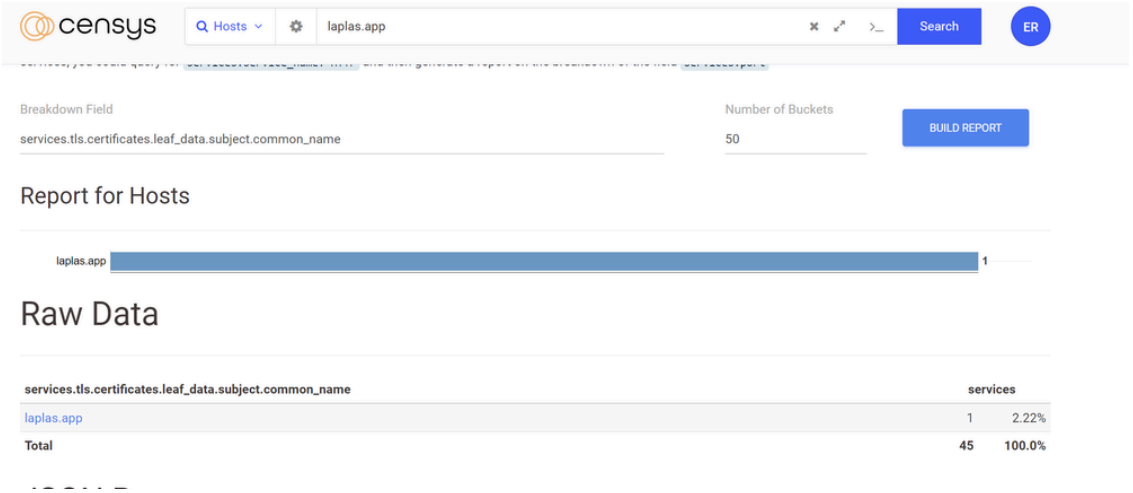
One result `31.42.176[.]127` contains a reference to `CN=Laplas.app`. This result appears to be the primary server.



Searching for the common name of `laplas.app` does not reveal additional infrastructure. Only the initial result of `31.42.176[.]127` was found.



Of the 22 results with Censys, No other common names were available that could be used for pivoting.



Only one Jarm hash was available. This was a common Jarm fingerprint with around 205K results and hence was not useful for pivoting.

`services.jarm.fingerprint=15d3fd16d29d29d00042d43d000000fe02290512647416dcf0a400ccbc0b6b`

Complete List of Potential Laplas Stealer Infrastructure

Complete list of IP's based on searches for `laplas.app` in both Shodan and Censys.

```
 31.42.176[.]127
37.220.87[.]60
45.81.243[.]208
45.159.188[.]109
45.159.188[.]158
45.159.189[.]33
45.159.189[.]105
65.109.140[.]234
78.153.130[.]208
79.137.195[.]205
79.137.199[.]252
80.85.241[.]66
85.192.40[.]252
85.192.41[.]87
89.23.97[.]128
89.185.85[.]79
95.214.27[.]252
104.193.254[.]40
104.193.255[.]50
163.123.142[.]220
176.113.115[.]25
185.106.92[.]104
185.174.137[.]94
185.209.161[.]89
185.213.208[.]247
185.223.93[.]251
193.188.23[.]86
195.133.75[.]43
212.113.106[.]172
```

Sign up for Embee Research

Malware Analysis and Threat Intelligence Research

No spam. Unsubscribe anytime.
