

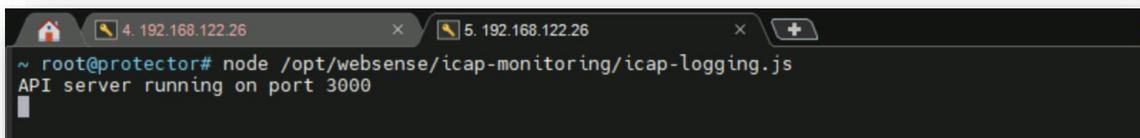
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# Protector Info Stats API Demo Script



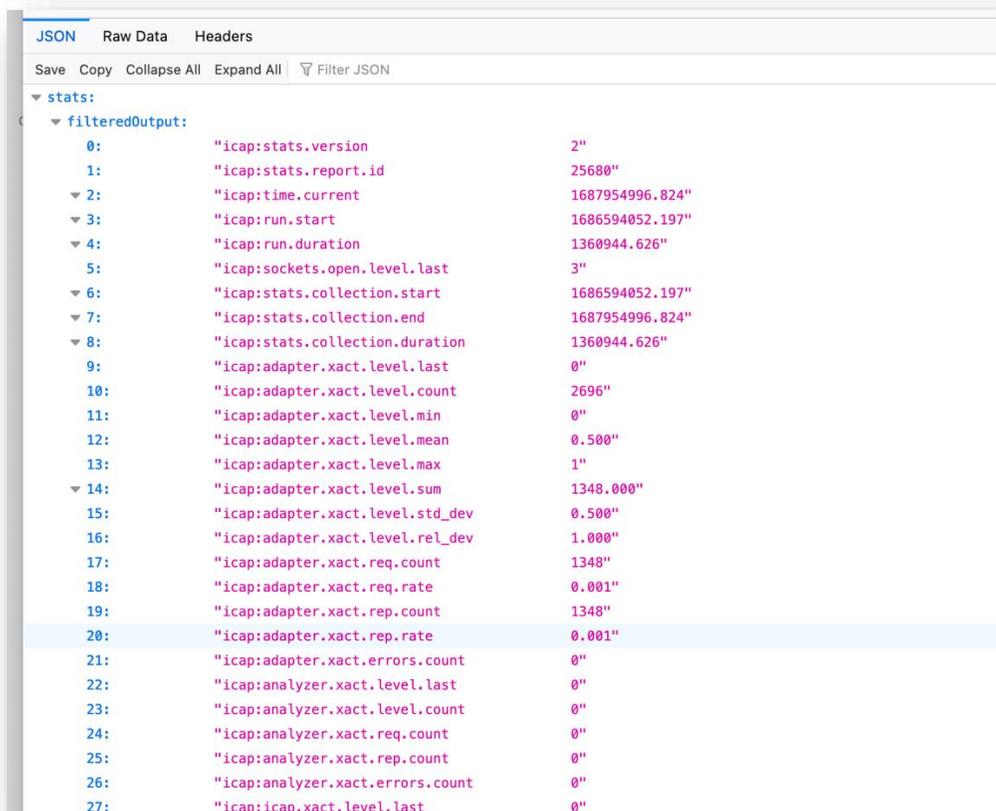
# Protector Info Stats API Demo Script

1. Start the service from the Protector Console logged in as root.
  - `-node/opt/websense/icap-monitoring/icap-loggong.js`
2. Once the service starts it should display the following:



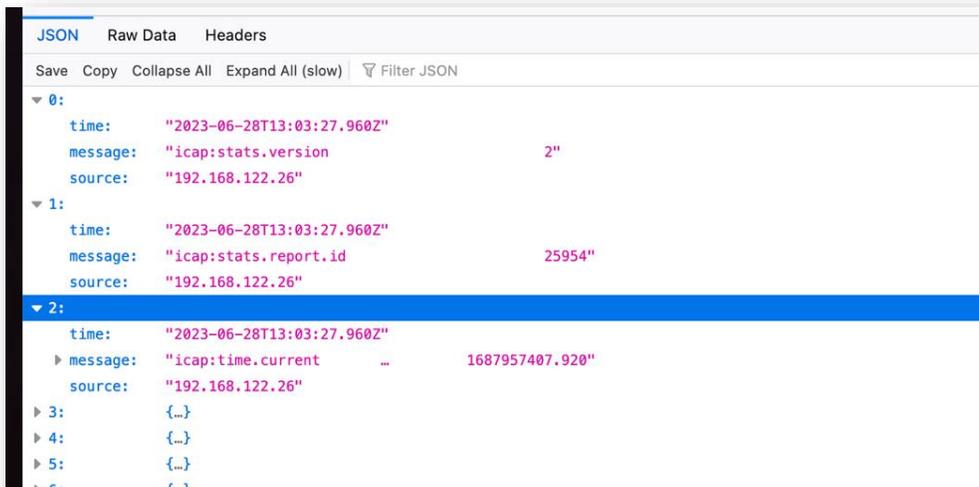
```
root@protector# node /opt/websense/icap-monitoring/icap-loggong.js
API server running on port 3000
```

3. Testing the script.
  - a) Browse to: `http://{protector address}:3000/server-stats`
    - You should see the following:



Index	Key	Value
0:	"icap:stats.version"	2"
1:	"icap:stats.report.id"	25680"
2:	"icap:time.current"	1687954996.824"
3:	"icap:run.start"	1686594052.197"
4:	"icap:run.duration"	1360944.626"
5:	"icap:sockets.open.level.last"	3"
6:	"icap:stats.collection.start"	1686594052.197"
7:	"icap:stats.collection.end"	1687954996.824"
8:	"icap:stats.collection.duration"	1360944.626"
9:	"icap:adapter.xact.level.last"	0"
10:	"icap:adapter.xact.level.count"	2696"
11:	"icap:adapter.xact.level.min"	0"
12:	"icap:adapter.xact.level.mean"	0.500"
13:	"icap:adapter.xact.level.max"	1"
14:	"icap:adapter.xact.level.sum"	1348.000"
15:	"icap:adapter.xact.level.std_dev"	0.500"
16:	"icap:adapter.xact.level.rel_dev"	1.000"
17:	"icap:adapter.xact.req.count"	1348"
18:	"icap:adapter.xact.req.rate"	0.001"
19:	"icap:adapter.xact.rep.count"	1348"
20:	"icap:adapter.xact.rep.rate"	0.001"
21:	"icap:adapter.xact.errors.count"	0"
22:	"icap:analyzer.xact.level.last"	0"
23:	"icap:analyzer.xact.level.count"	0"
24:	"icap:analyzer.xact.req.count"	0"
25:	"icap:analyzer.xact.rep.count"	0"
26:	"icap:analyzer.xact.errors.count"	0"
27:	"icap:icap.xact.level.last"	0"

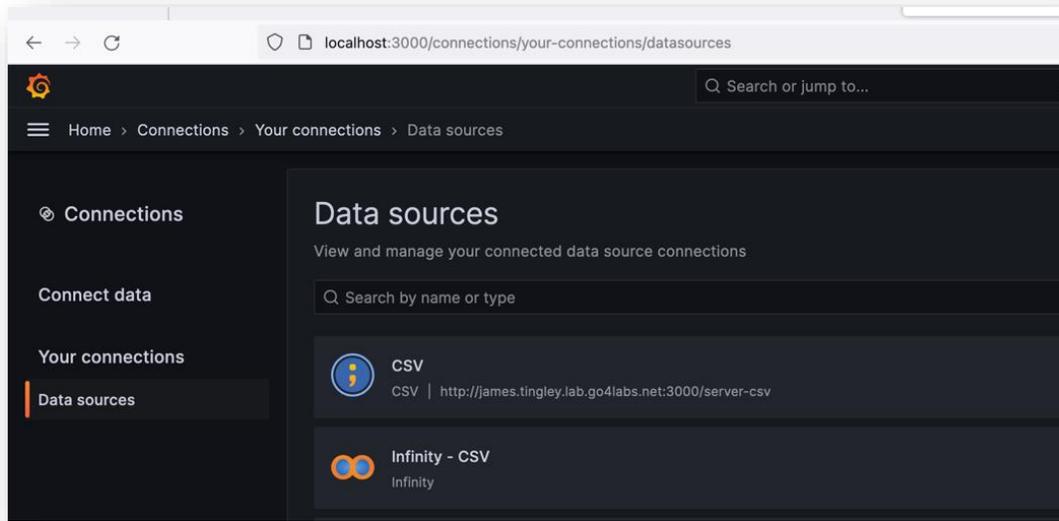
- b) Test: `http://{protector address}:3000/server-data`
  - o This is the same information formatted differently. You should see the following:



- c) You can also try: `http://{protector address}:3000/server-csv`
  - o This will download the **info stats** retrieved in a CSV formatted file. You should see the following:



4. Switch to a log collection tool, in below example Grafana was used.
  - Grafana is configured to read data from the Protector Info Stats API in json and CSV formats using Infinity and CSV pludings.



- Once the plugins are configured to access the data you can run the query to retrieve it in various forms.



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