Vertex

# Synapse Bootcamp

## Module 21

## More Fun with Spotlight

v0.4 - May 2024

# Objectives

- Describe additional Spotlight Tool features
- Understand use cases for the Table Extractor
- Know what a Spotlight Extractor is
- Create and use helpful Extractors
- Leverage the Spotlight Tool and Threat Intel Workflow together
- Describe some considerations when processing reports

# Spotlight Table Extractor

# Spotlight Table Extractor

- Spotlight makes a "best effort" to capture arbitrary HTML
- Cannot account for every website layout
  - Pop-ups, banners, scrolling…
  - Save as PDF does not fix everything
- Spotlight recognizes HTML **tables**
- Captures and displays for review
- Useful for:
  - Table-based data not captured cleanly
  - Creating additional nodes

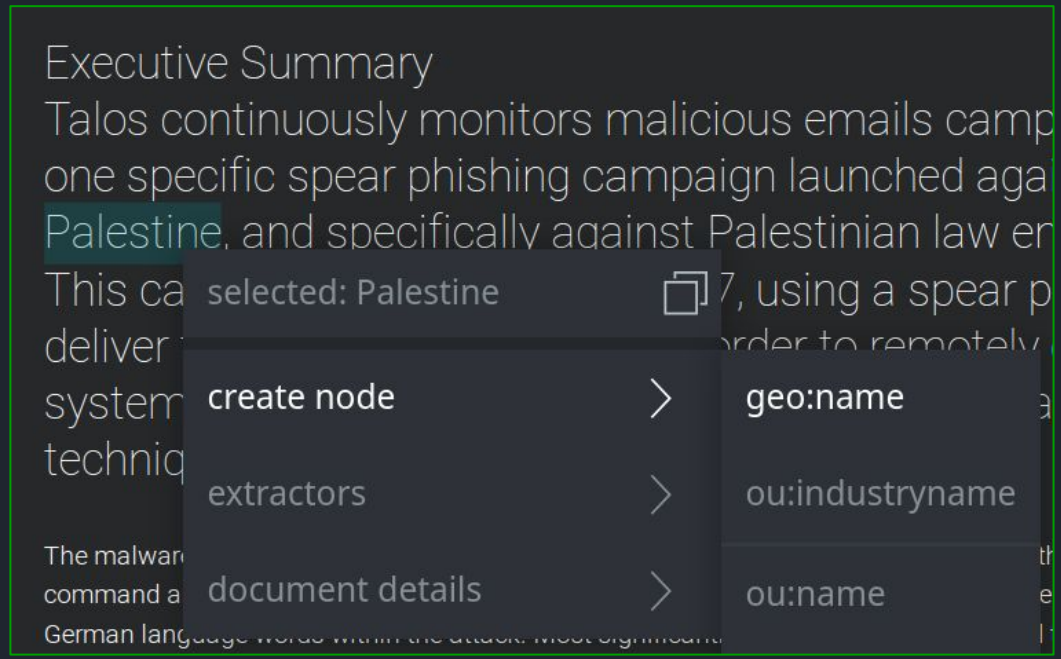
| IP Address | Target Port | Domain(s) |
|---|---|---|
| 165.232.186[.]197 | 80, 443, 4433 | api.infinitycloud[.]info<br>connect.infinitycloud[.]info<br>ns.infinitycloud[.]info |
| 167.71.226[.]171 | 80, 81, 82, 443, 769, 4433, 8086, 8089 | file.wonderbackup[.]com<br>connect.infinitybackup[.]net<br>share.infinitybackup[.]net<br>sync.wonderbackup[.]com |
| 104.248.153[.]204 | 82, 443 | update.wonderbackup[.]com<br>login.wonderbackup[.]com<br>ns1.infinitybackup[.]net |
| 143.110.189[.]141 | 443 | mfi.teleryanhart[.]com<br>ads.teleryanhart[.]com |
| 172.105.34[.]34 | 8081, 8087, 8443, 8888 | jlp.ammopak[.]site<br>kwe.ammopak[.]site<br>lxo.ammopak[.]site<br>dfg.ammopak[.]site<br>fwg.ammopak[.]site |
| 194.195.114[.]199 | 8080, 8443, 9200 | connect.clinkvl[.]com |

# Spotlight Table Extractor Demo

# Spotlight Extractors

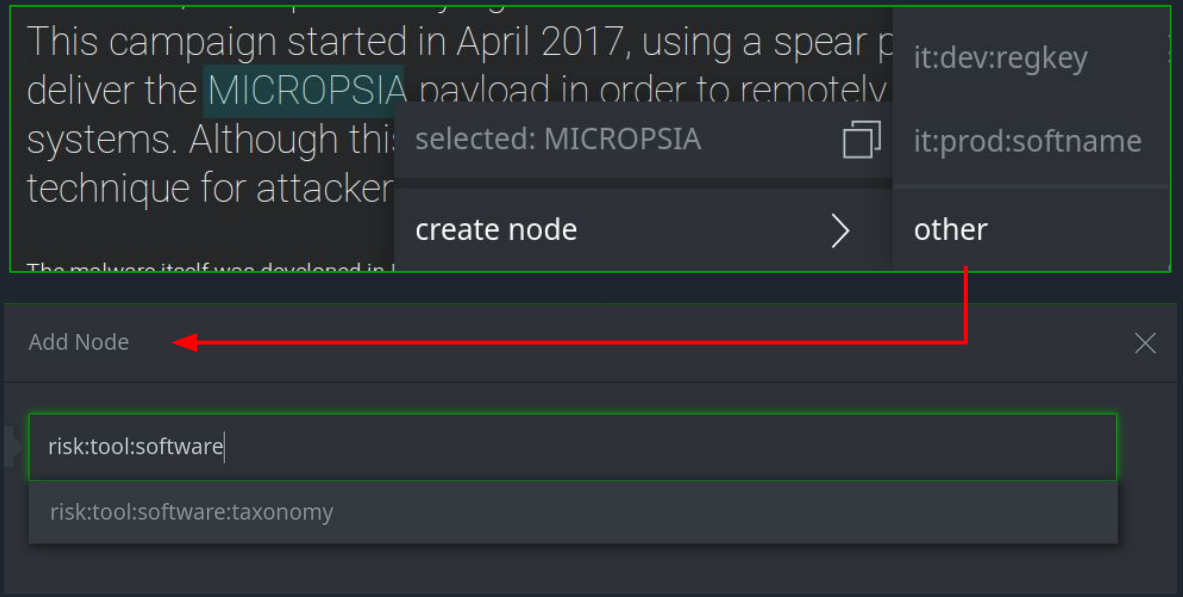
# Spotlight Quick Forms

- Highlight text
- Tell Spotlight what node to create
- Automatically link important references:
  - Threat names
  - Malware names
  - CVE numbers
  - Industry names
  - Country / region names
  - More!



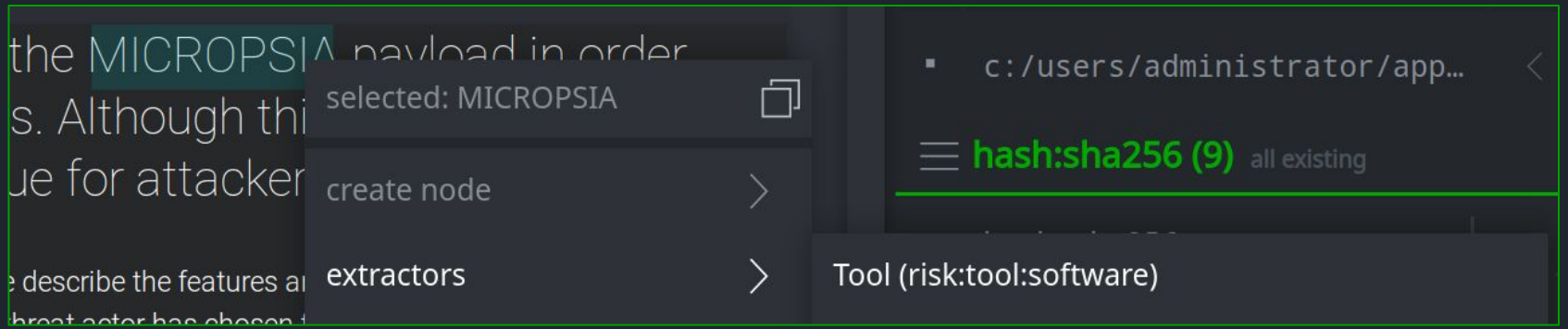
# Quick Forms Limitations

- Text must be the **primary property** of the node you create
- Cannot create a guid node from text



# Extractors

- **Extractors** use Storm to tell Spotlight what to create
- Highlight any text > create any node!
- Saved in your Spotlight **Preferences**
- Available from **right-click** menu



# Extractors Demo

# Spotlight and the Threat Intel Workflow

# Spotlight and Threat Intel

- Spotlight allows us to extract more than IOCs
  - Quick Forms: threat names, industry names, victim / target organization names…
  - Extractors: threats, vulnerabilities…
- Use Spotlight with the Threat Intel Workflow
  - Add detail on threats, malware…
  - Easily link relevant nodes

# Spotlight and Threat Intel - Demo

# Spotlight Wrap Up

# Considerations

- How much is enough?
  - Do what works for you!
  - New vs. experienced users
  - Activity we care about vs. activity we don't
- Set guidelines / expectations
  - When / what to process
  - Minimum level of data extraction
  - Agreement on tags / tag structures to use
  - Any review / approval process

# Summary

- Spotlight's **table extractor** can process HTML tables
  - Similar to the Ingest Tool
- Spotlight **extractors** can create nodes from selected text
  - Specify how Spotlight should handle the data
- Both use Storm to simplify / automate tasks
- **Spotlight** and the **Threat Intel Workflow** together:
  - Help create and capture operational and strategic threat data