Maltego "Have I been pwned?"

Christian Heinrich DEFCON 25 (2017)

Demo Labs



Latest Slides

```
https://www.slideshare.net/cmlh/maltego-haveibeenpwned
https://speakerdeck.com/cmlh/maltego-haveibeenpwned
```

Don't forget to look at each Slide Note.



\$ whoami

https://www.linkedin.com/in/ChristianHeinrich

Developer of Local and Remote Maltego Transforms for:

- @Facebook
- @Instagram
- @Gravatar
- @RecordedFuture
- @TAIA Global REDACT™
- @VirusTotal
- @FullContact

Python Modules from @CanariProject and @Paterva

https://github.com/search?q=user%3Acmlh+Maltego

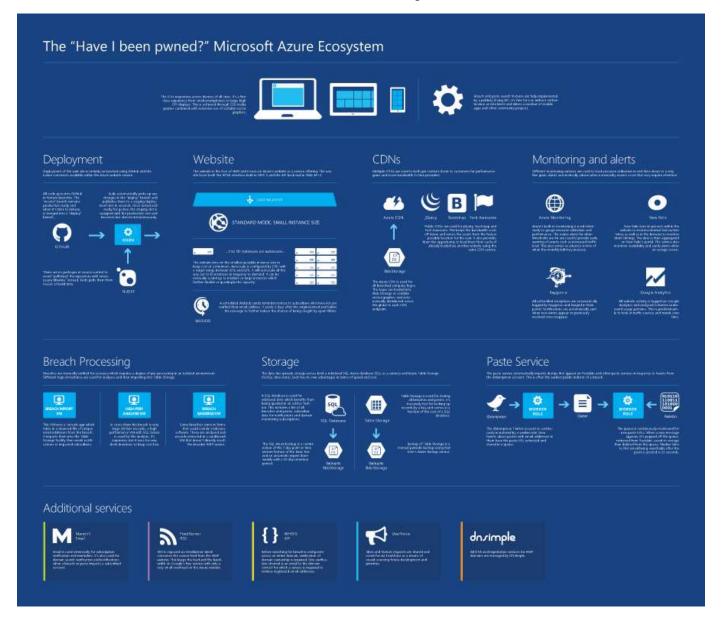


Agenda

- 1. Integration of the API [v1 and v2] from @haveibeenpwned
- 2. Configuration of Maltego:
 - Import Maltego Configuration File.
 - Transform Hub
- 3. Case Studies
 - End User (Penetration Tester, Incident Responder, etc)



"Have I been pwned?"





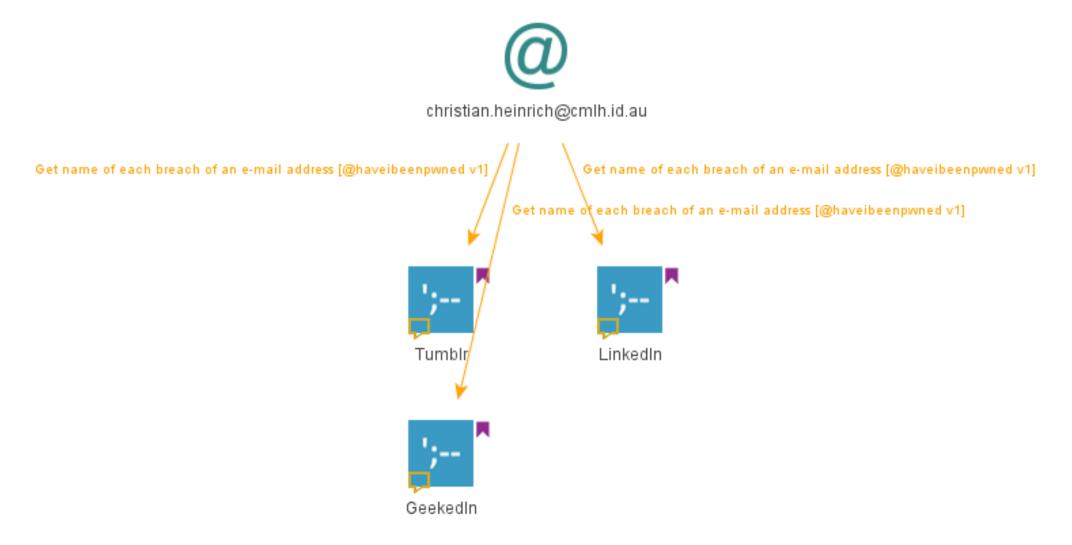
@haveibeenpwned – API v1

Integrated Single API v1 Endpoint.

Supports all API v1 HTTP Status Codes i.e. 200, 400 and 404.



@haveibeenpwned - API v1





@haveibeenpwned – API v2

Integrated API v2 Endpoints:

- 1. Getting all breaches for an account
- 2. Getting all pastes for an account
- 3. Getting all breached sites in the system
- 4. Getting a single breached site

Supports all APIv2 HTTP Status Codes i.e. 200, 400, 403, 404 and 429.



Installation



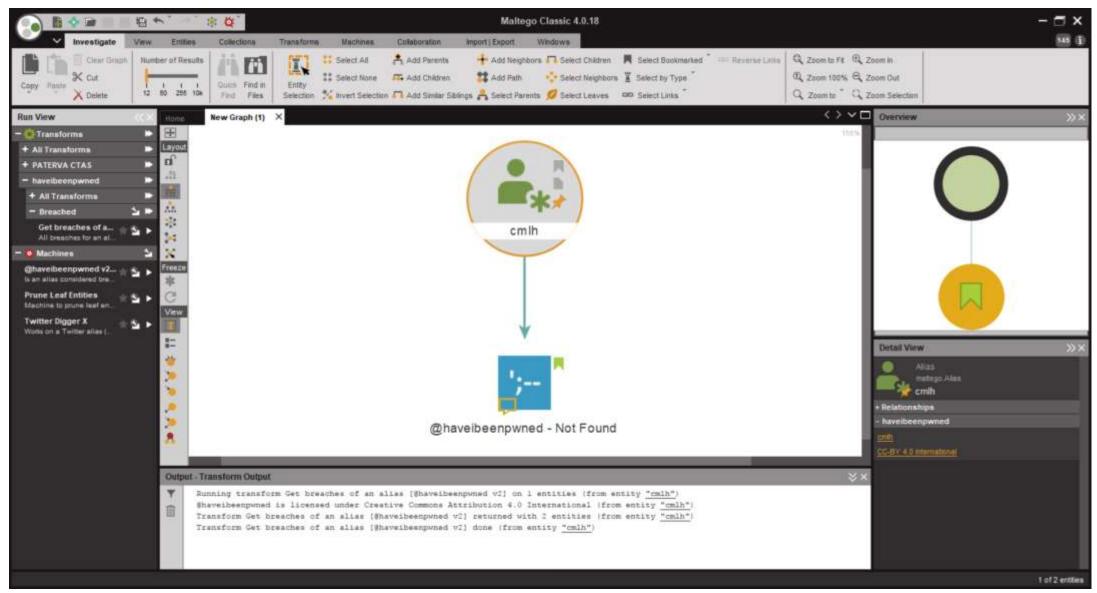


@haveibeenpwned – Maltego Input Entities

- 1. "Account"
 - 1. maltego.EmailAddress
 - 2. maltego.Alias
- 2. "Site"
 - 1. maltego.Domain
 - 2. Maltego.Phrase

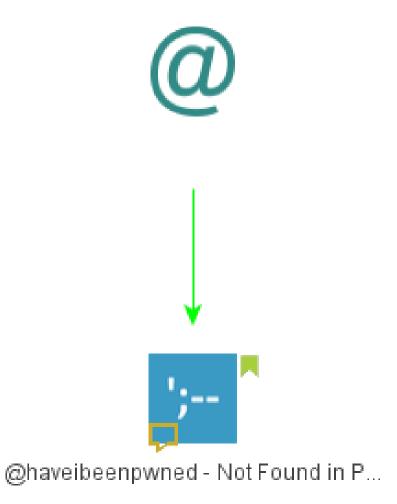


@haveibeenpwned-maltego.Alias Entity

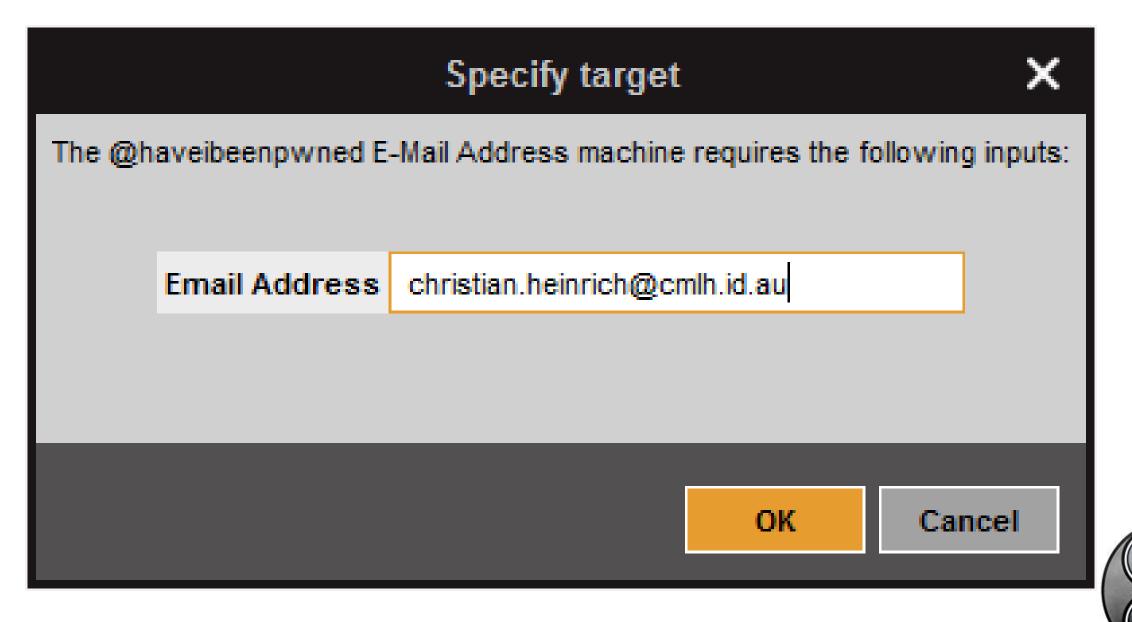


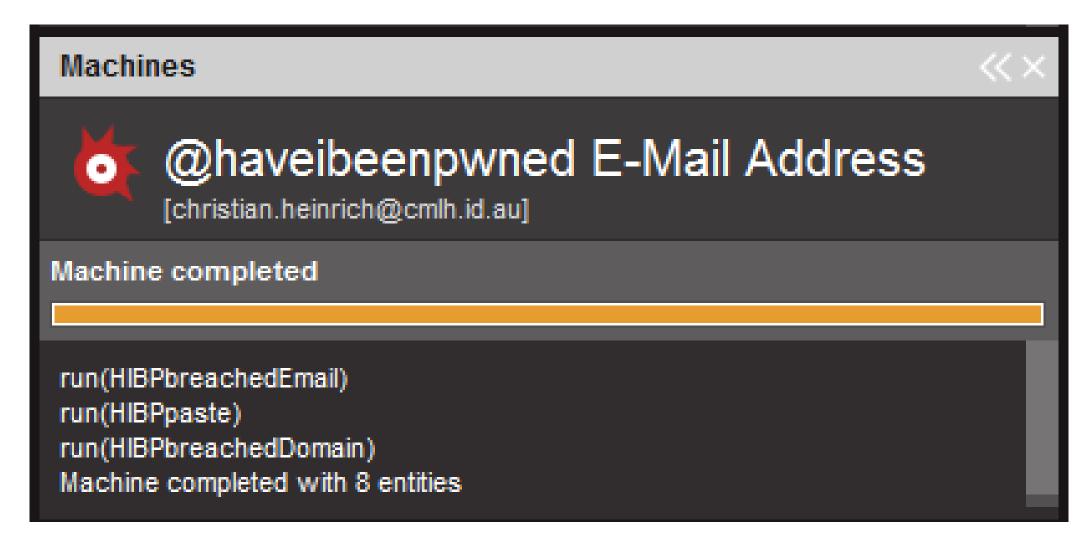


@haveibeenpwned - Paste

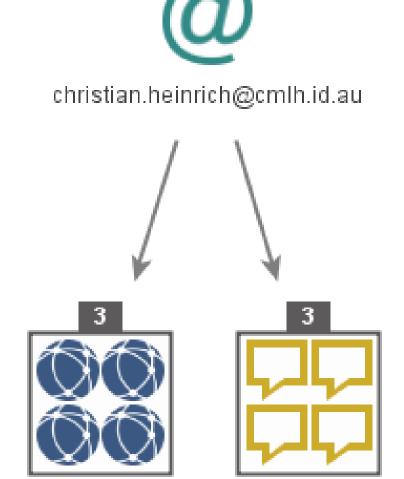






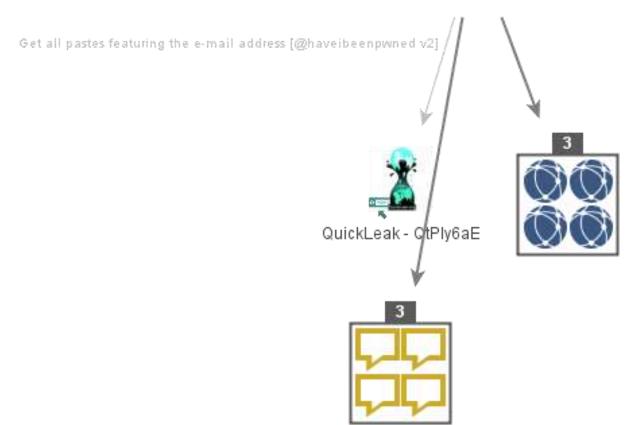




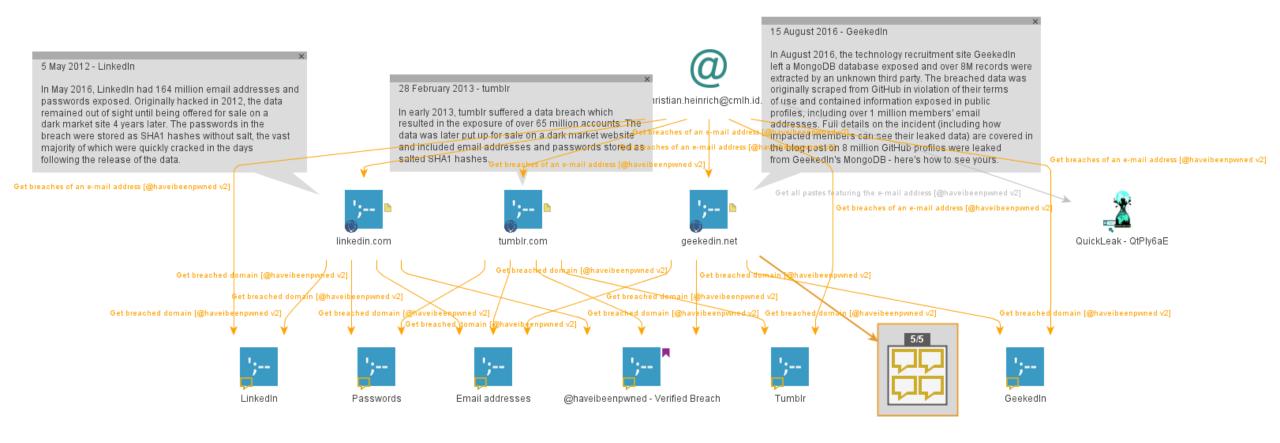




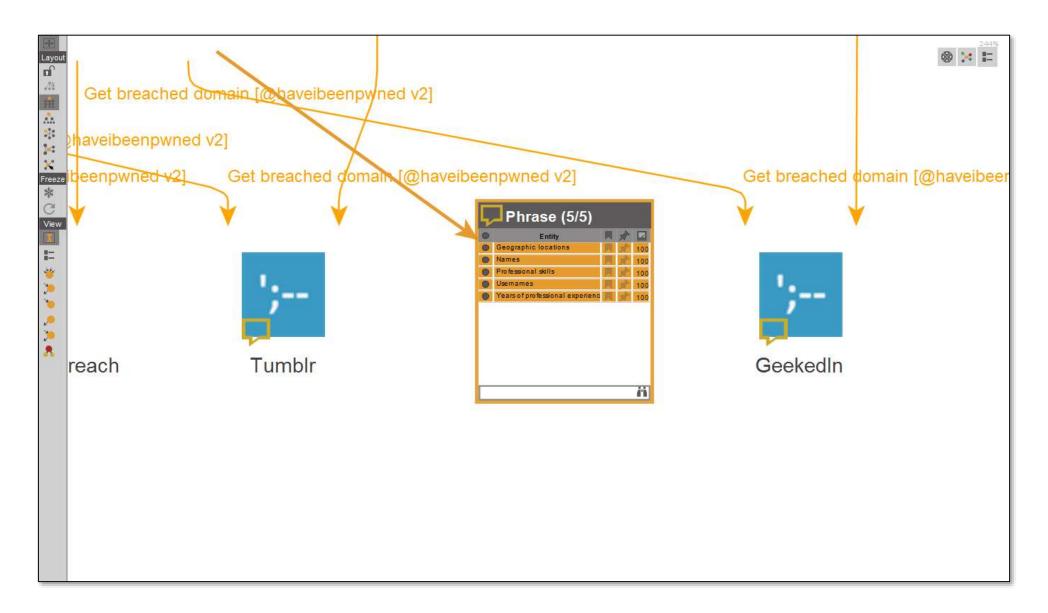




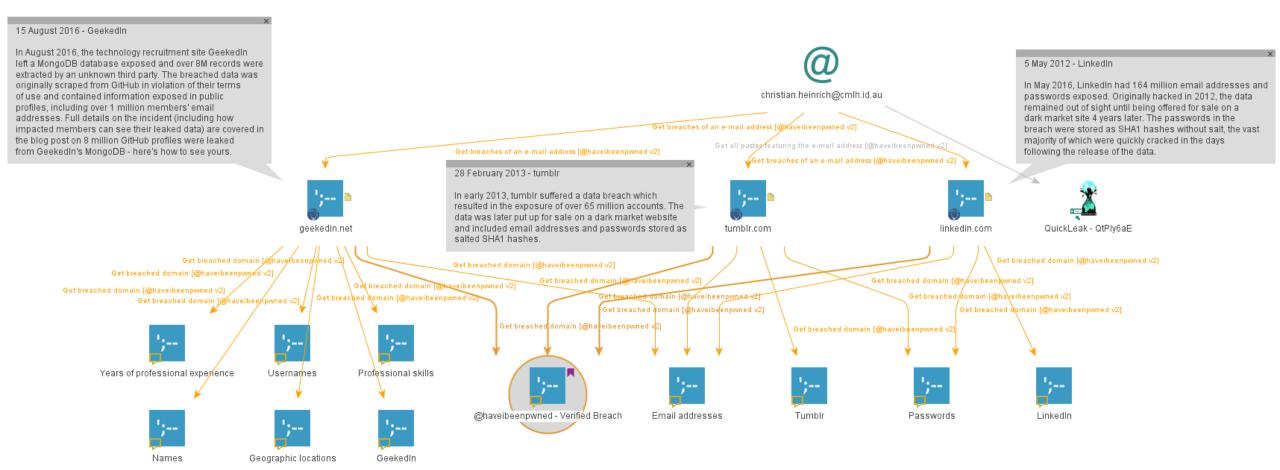






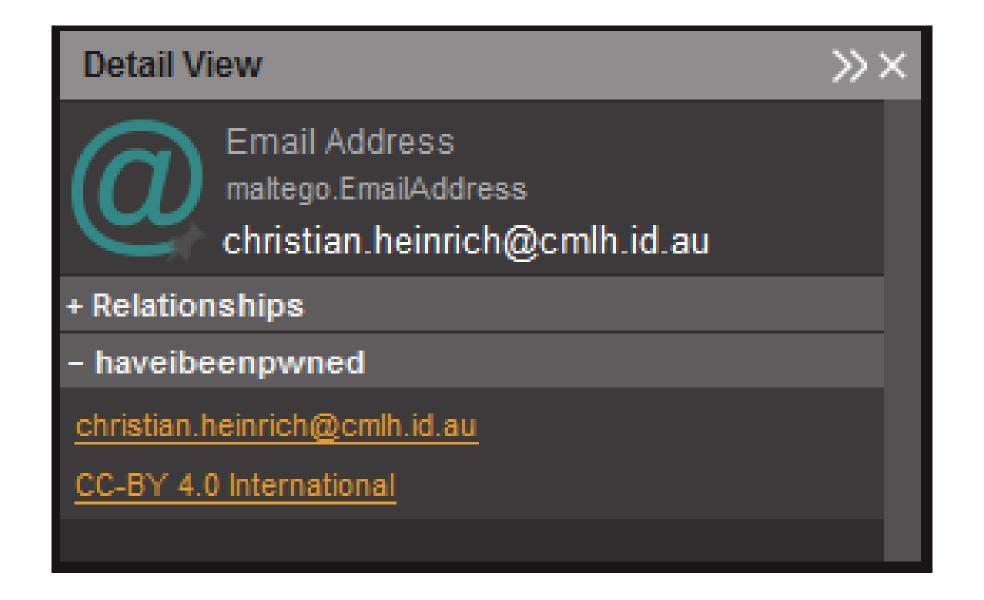






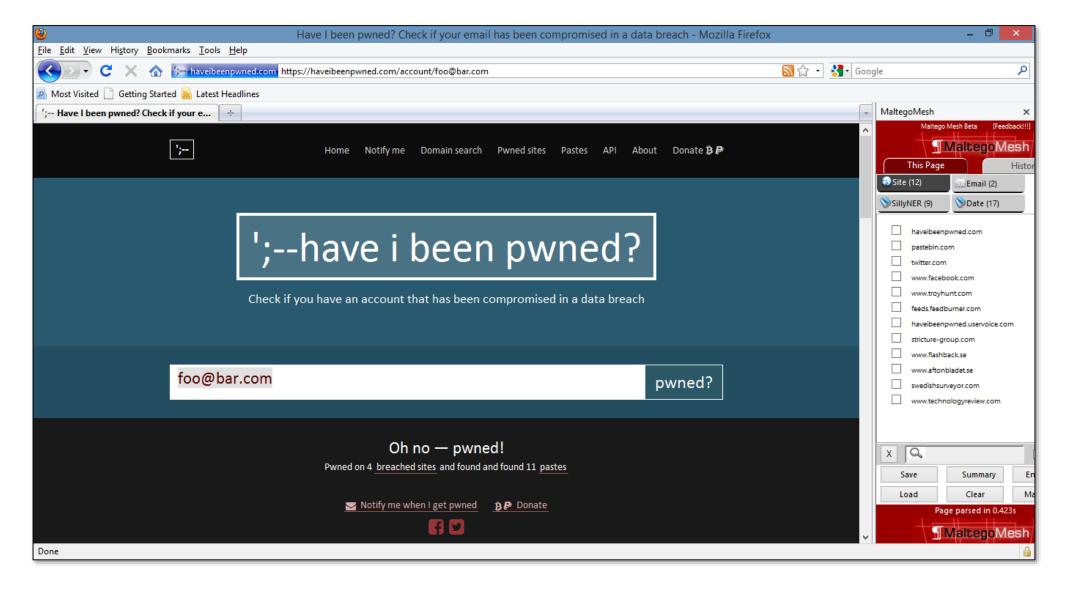


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@haveibeenpwned-<DisplayInformation>





Thanks

- @troyhunt of @haveibeenpwned
- @SudhanshuC of the forked Maltego local transforms
- @RoelofTemmingh, @AndrewMohawk and @paulRchds of @Paterva
- @NoobieDog, @glennzw and @charlvdwalt of @SensePost
- @dcuthbert



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Follow me on Twitter at @cmlh

christian.heinrich@cmlh.id.au

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https://github.com/cmlh/Maltego-haveibeenpwned/tree/master/Presentation

