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## GetHead - HTTP Header Analysis Vulnerability Tool

Lydecker Black on 6:37 PM

```

r00t@r00t-PC: ~/KitPloit/gethead
r00t@r00t-PC: ~/KitPloit/gethead$ python gethead.py http://www.kitloit.com

HTTP Header Analysis for http://www.kitloit.com:

(X-XSS-Protection) Cross-Site Scripting Protection is enforced.
(X-Frame-Options) Cross-Frama Scripting Protection is enforced.
(X-Content-Type-Options) MIME-Sniffing Protection is enforced.

Vulnerability - Server does not enforce HTTP over TLS/SSL Connections.
The Strict-Transport-Security Header setting is either inadequate or missing.
Client may be vulnerable to Session Information Leakage.

Vulnerability - Server does not enforce a Content Security Policy.
The X-Content-Security-Policy Header setting is either inadequate or missing.
Client may be vulnerable to Cross-Site Scripting and Injection Attacks.

Vulnerability - Server does not enforce a Content Security Policy.
The X-WebKit-CSP Header setting is either inadequate or missing.
Client may be vulnerable to Cross-Site Scripting and Injection Attacks.

Vulnerability - Server does not enforce an Access Control Policy.
The Access-Control-Allow-Origin Header setting is either inadequate or missing.
Client may be vulnerable to Cross-Domain Scripting Attacks.

Vulnerability - Server does not enforce a File Download and Open Policy.
The X-Download-Options Header setting is either inadequate or missing.
Client may be vulnerable to Browser File Execution Attacks.

(Cache-control) Private Content Caching is enforced.
r00t@r00t-PC: ~/KitPloit/gethead$
  
```

gethead.py is a Python HTTP Header Analysis Vulnerability Tool. It identifies security vulnerabilities and the lack of protection in HTTP Headers.

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### Usage:

Shell - Konsole

```
$ python gethead.py http://domain.com
```

### Changelog

Version 0.1 - Initial Release

- Written in Python 2.7.5
- Performs HTTP Header Analysis
- Reports Header Vulnerabilities

### Features in Development

Version 0.2 - Next Release (April 2014 Release)

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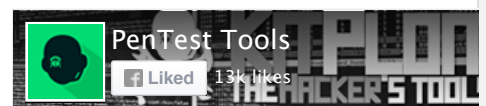
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- Support for Python 3.3
- Complete Header Analysis
- Additional Logic for Severity Classifications
- Rank Vulnerabilities by Severity
- Export Findings with Description, Impact, Execution, Fix, and References
- Export with multi-format options (XML, HTML, TXT)

Version 0.3 - Future Release (May 2014 Release)

- Replay and Inline Upstream Proxy support to import into other tools
- Scan domains, sub-domains, and multi-services
- Header Injection and Fuzzing functionality
- HTTP Header Policy Bypassing
- Modularize and port to more platforms  
(e.g. [gMinor](#), Kali, Burp Extension, Metasploit, Chrome, Firefox)

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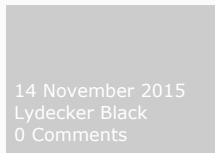
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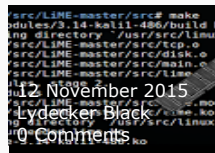
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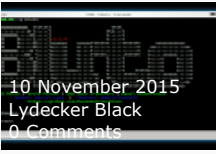
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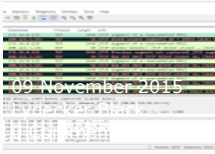
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
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The target domain is queried for MX and NS records. ...


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http://www.kitploit.com/2015/11/gethead-http-header-analysis.html

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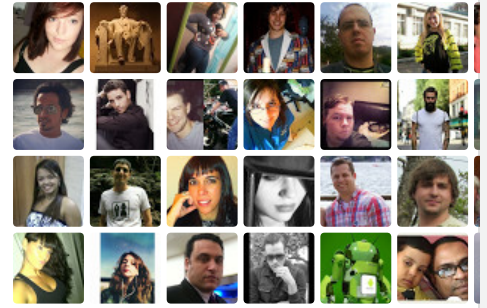
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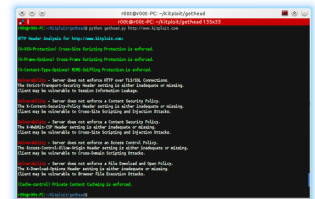
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