SSL Audit (alpha) – Cipher suite scanner

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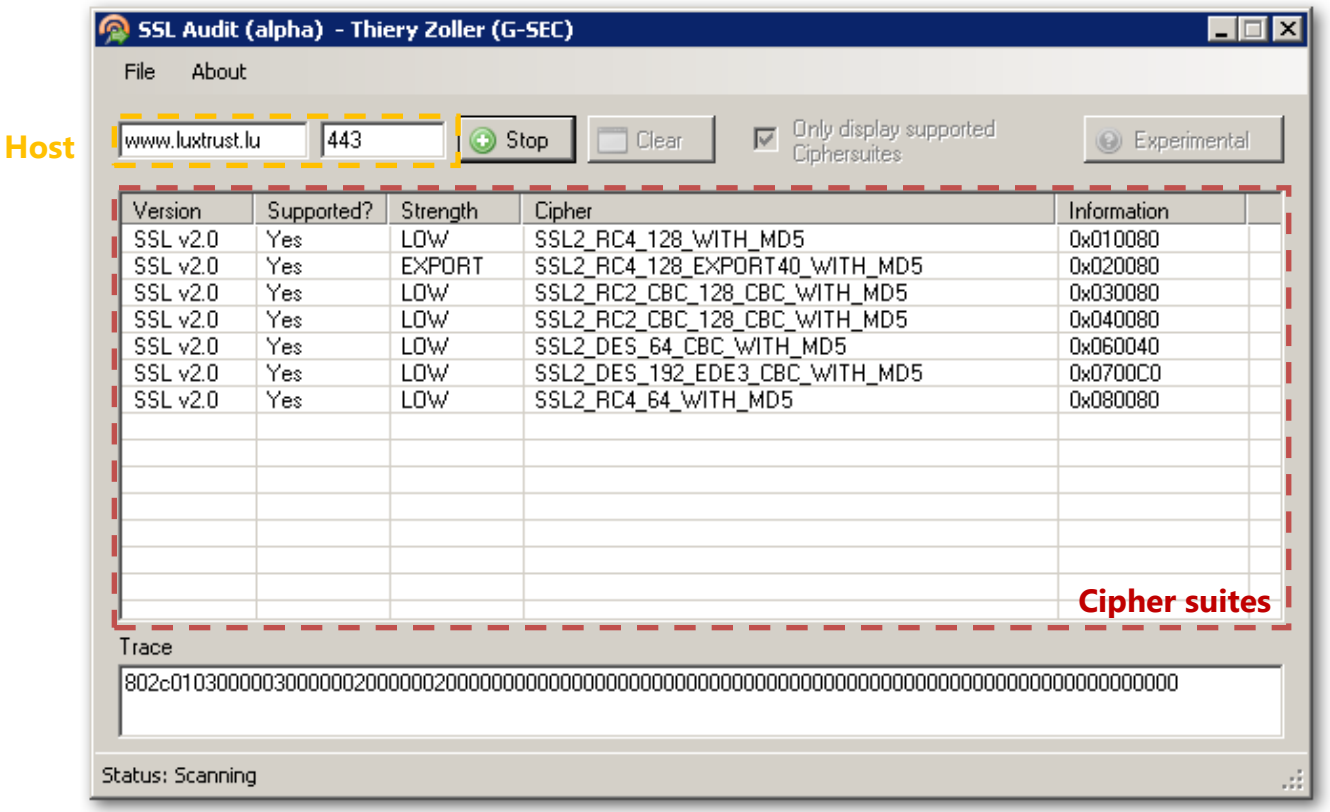
About

SSL Audit scans web servers for SSL support, unlike other tools it is not limited to ciphers supported by SSL engines such as OpenSSL or NSS and can detect all known cipher suites.

Use

- Scan: Enter the host and the port the SSL service listens on.
- Clear : Clears the results
- Option - Only display supported Cipher suites
- Experimental : Fingerprints the SSL engine (see “Fingerprint” Experimental)



Fingerprint (Experimental)

Included is an experimental fingerprint engine that tries to determine the SSL Engine used server side. It does so by sending normal and malformed SSL packets that can be interpreted in different ways.

It is able to distinguish

- IIS7.5 (Schannel)
- IIS7.0 (Schannel)
- IIS 6.0 (Schannel)
- Apache (Openssl)
- Apache (NSS)
- Certicom
- RSA BSAFE

The higher the score the more likely the host is using that engine. Note: SSL accelerators/load balancers will give unlikely results

Known limitations

- SSLv2 – Some servers answer correctly to an SSLv2 handshake but will output a 500 status request when actually asking for a resource over HTTPS. SSL audit is currently not able to detect this.
- Fingerprints – False positives
- Lacks option to export results (yes, that's pretty dumb)

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