

ServerSide Attacks (Contd)

Tools in Kali Linux

Module #18

Kali Linux: Zaproxy tool

Q: What is proxy software? What are its uses?

Owasp-Zap also known as Zaproxy is an intercept proxy designed for the security testing of web applications.

Open Zaproxy by going to Web Applications | Web Application Fuzzers and selecting owasp-zap.

Kali Linux: Zaproxy tool (Contd)

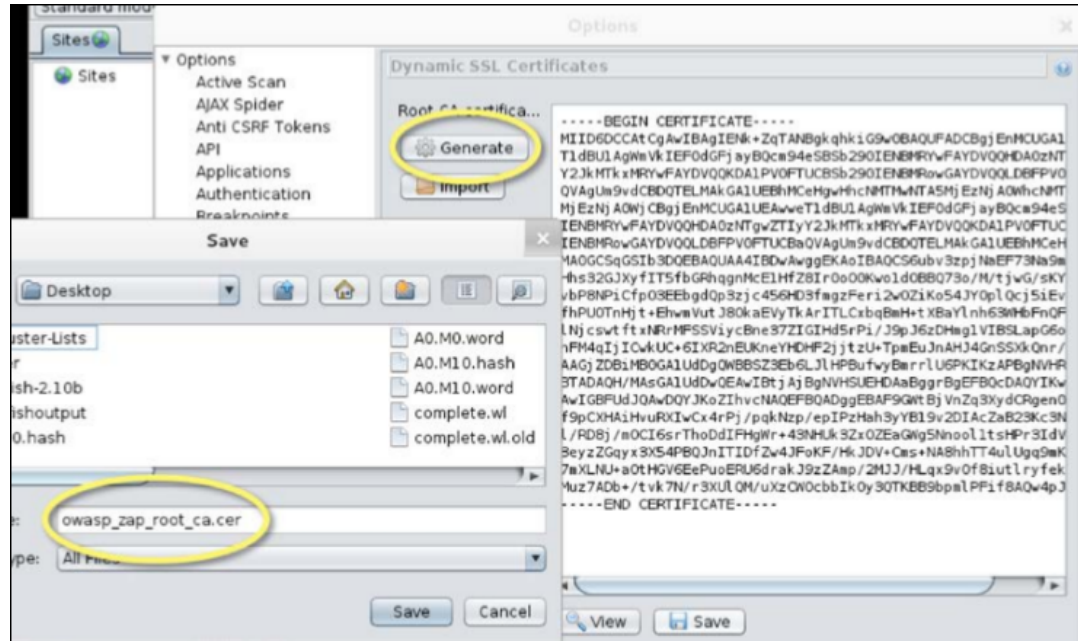
Owasp-Zap will open and display popup asking if you would like to create an SSL Root CA certificate.

This allows Zaproxy to intercept HTTPS traffic over SSL in a browser. This is important to test applications that use HTTPS.



Kali Linux: Zaproxy tool (Contd)

There will be a window that pops up asking to generate or import a certificate. You can save the new certificate by clicking on Save and selecting where you want to place it. The new certificate file is called owasp_cap_root_ca.cer.



Kali Linux: Zaproxy tool (Contd)

Open your browser. For Firefox, go under Edit | Preferences and click on the Advance tab.

Click on the Encryption subtab and click on View Certificates.

Next click on Import and select the certificate you generated in Zaproxy (the .cer file).



Kali Linux: Zaproxy tool (Contd)

Connection Settings

Configure Proxies to Access the Internet

☐ No proxy

☐ Auto-detect proxy settings for this network

☐ Use system proxy settings

☒ Manual proxy configuration:

HTTP Proxy: Port:

☒ Use this proxy server for all protocols

SSL Proxy: Port:

FTP Proxy: Port:

SOCKS Host: Port:

☐ SOCKS v4 ☒ SOCKS v5

No Proxy for:

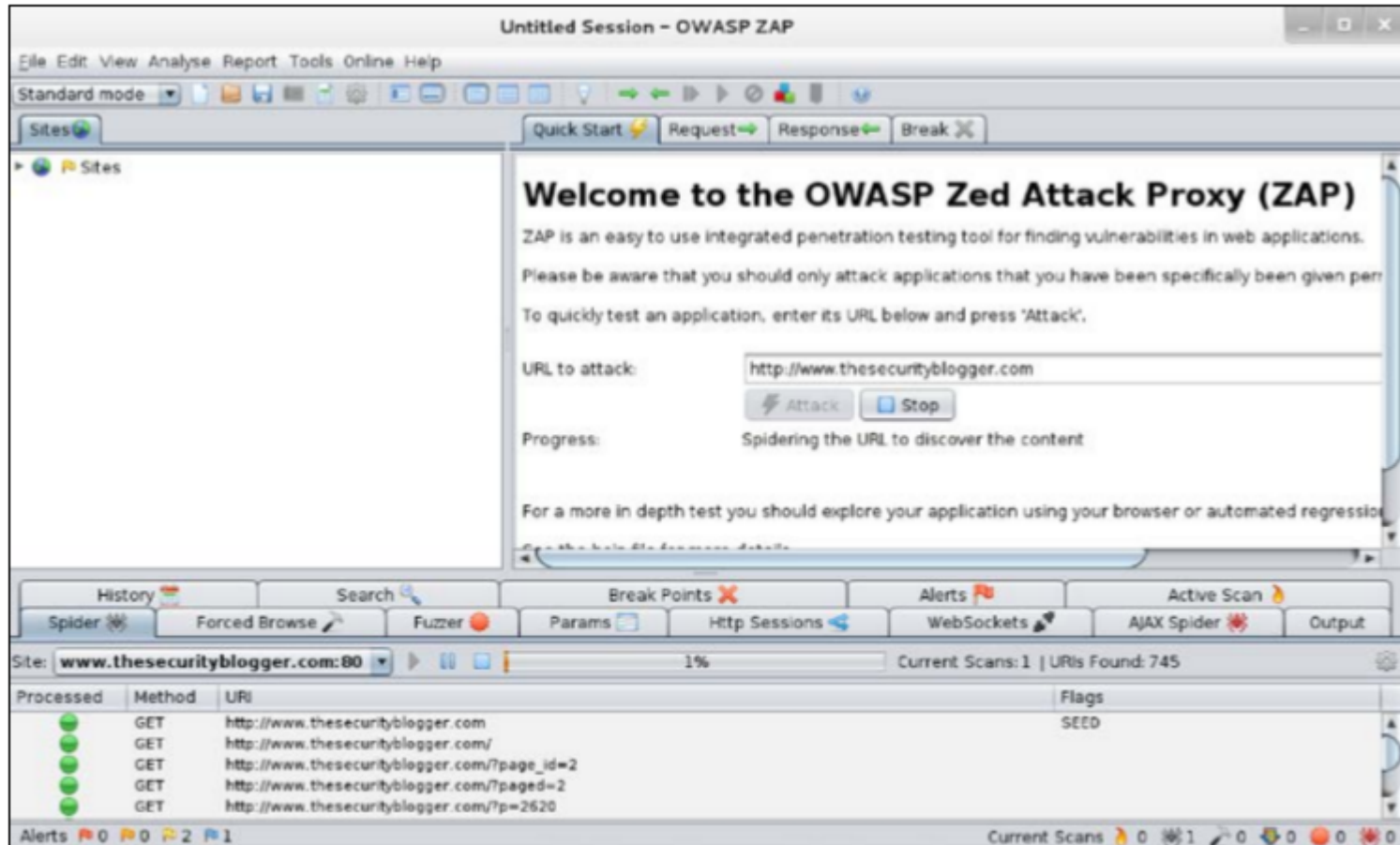
Example: .mozilla.org, .net.nz, 192.168.1.0/24

☐ Automatic proxy configuration URL:

Reload

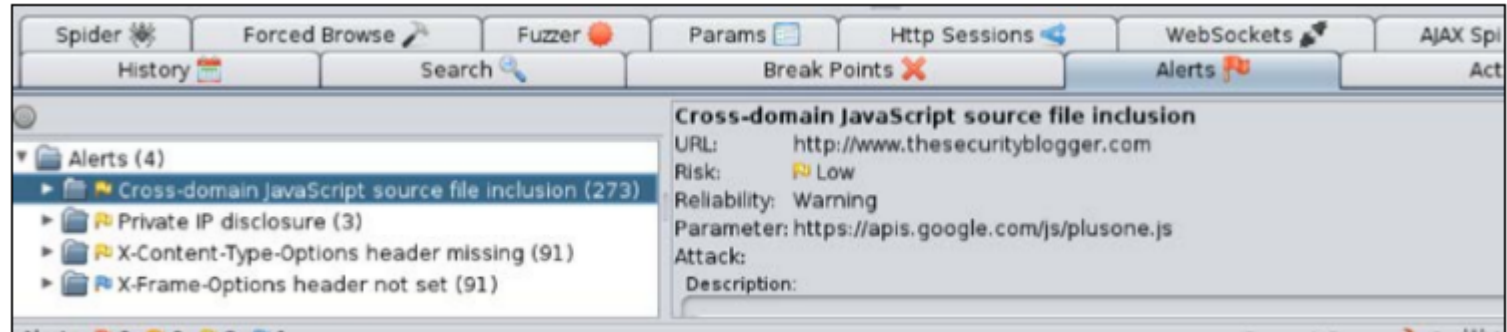
Help Cancel OK

Kali Linux: Zaproxy tool (Contd)



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To see the vulnerabilities, click on the Alerts tab.



Thank You