Website Penetration Testing-Vega Usage

Vega is a free and open source scanner and testing platform to test the security of web applications. Vega can help you find and validate SQL Injection, Cross-Site Scripting (XSS), inadvertently disclosed sensitive information, and other vulnerabilities. It is written in Java, GUI based, and runs on Linux, OS X, and Windows.

Vega includes an automated scanner for quick tests and an intercepting proxy for tactical inspection. Vega can be extended using a powerful API in the language of the web: JavaScript. The official webpage is https://subgraph.com/vega/

```
9 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.
root@kali:~# apt-get update && apt-get install -y vega
9% [Connecting to http.kali.org]
```

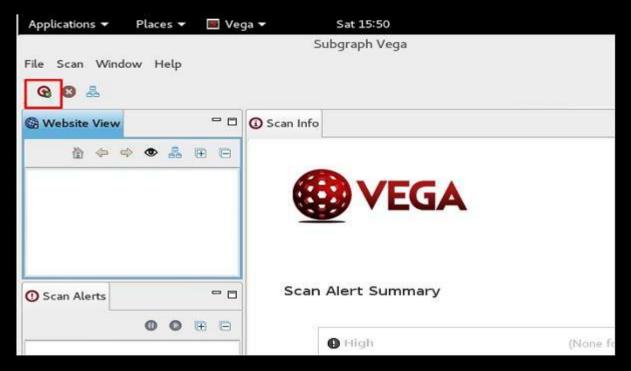
Step 1 – To open Vega go to Applications \rightarrow 03-Web Application Analysis \rightarrow Vega



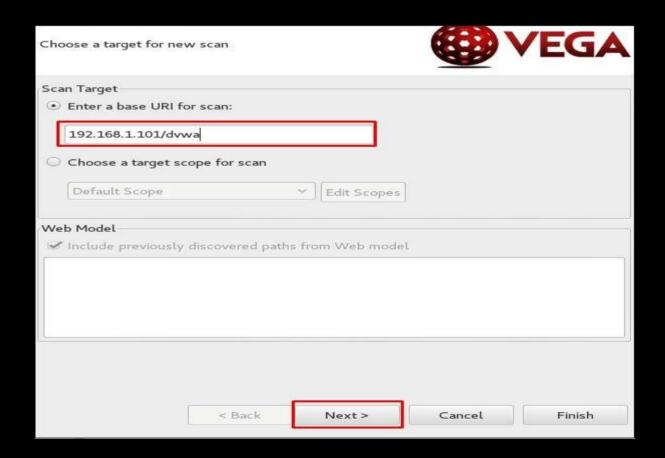
Step 2 – If you don't see an application in the path, type the following command.

```
9 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.
root@kali:~# apt-get update && apt-get install -y vega
9% [Connecting to http.kali.org]
```

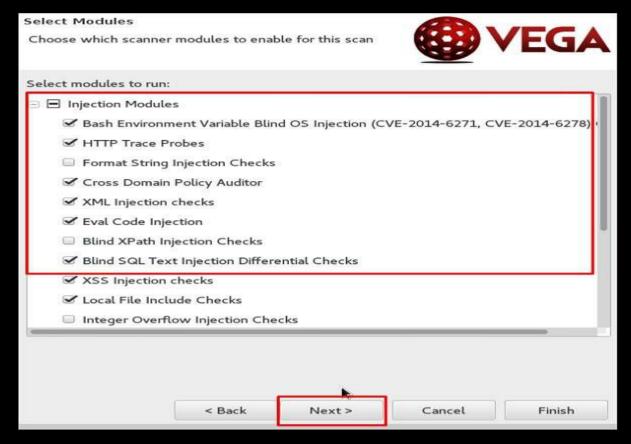
Step 3 – To start a scan, click "+" sign.



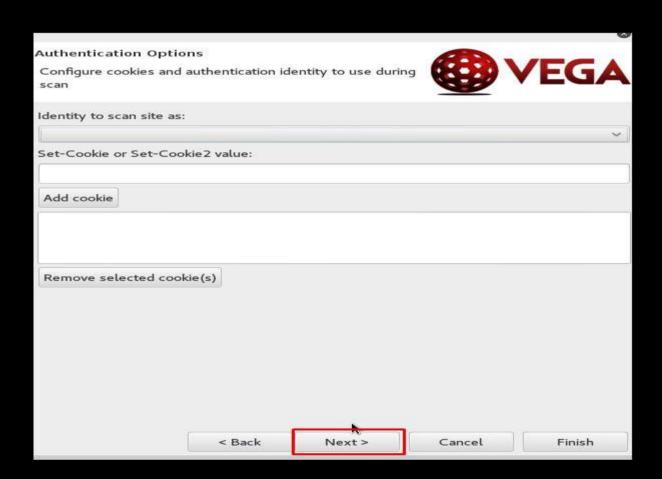
Step 4 – Enter the webpage URL that will be scanned. In this case, it is metasploitable machine → click "Next".



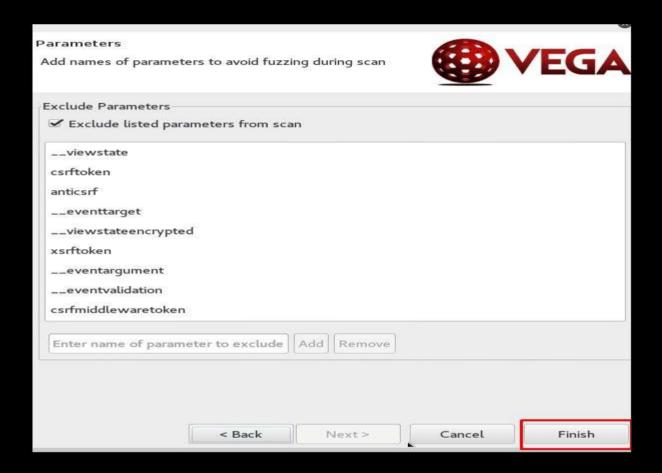
Step 5 - Check all the boxes of the modules you want to be controlled. Then, click "Next".



Step 6 – Click "Next" again in the following screenshot.



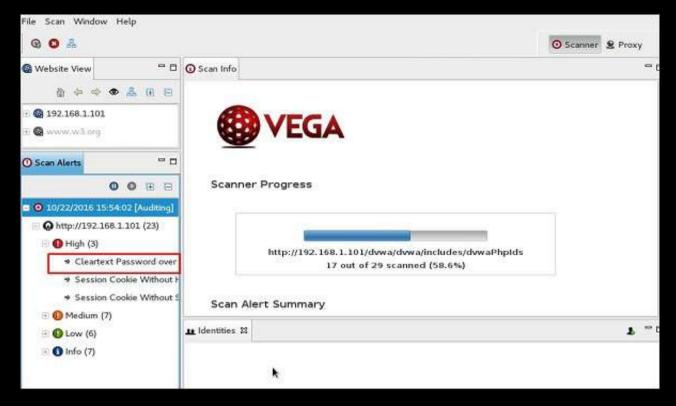
Step 7 - Click "Finish".



Step 8 – If the following table pops up, click "Yes".



The scan will continue as shown in the following screenshot.



Step 9 – After the scan is completed, on the left down panel you can see all the findings, that are categorized according to the severity. If you click it, you will see all the details of the vulnerabilities on the right panel such as "Request", "Discussion", "Impact", and "Remediation".

