Foundations of computer security

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Content

Nessus – Lab

Nessus – Advanced scanner

First steps

- Start Parrot linux
- Open Terminal
- Checking the nessus application: service nessusd status
- Open the web browser and go to https://parrot:8834/
- Log in to Nessus
 UN: nessus PW: nessus

Create and execute an arbitrarily advanced scanner on the target below:

• 172.22.204.195

Labour issue

Visit the DVWA website http://172.22.204.188/login.php

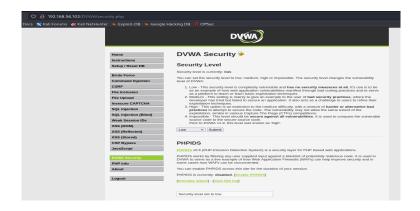
Username: admin PW: password

DVWA



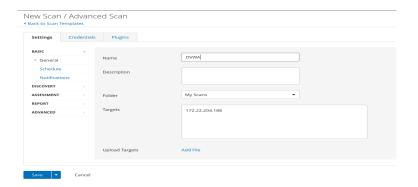


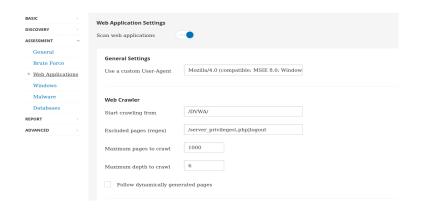
DVWA

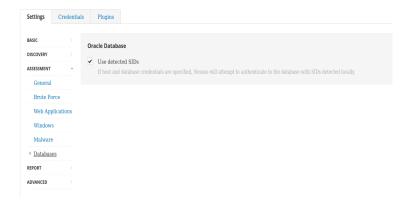


Create an Advanced scanner with the following settings:

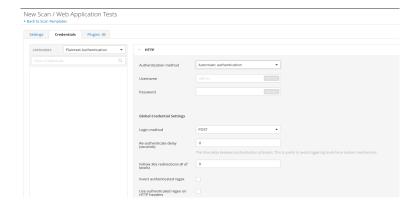
- Assessment/Web application/ Web Crawler /DVWA/
- Assessment/Brute Force Create a username and password file.
- Set the login details in the Credentials tab using the Plaintext Authentication / Automatic authentication.









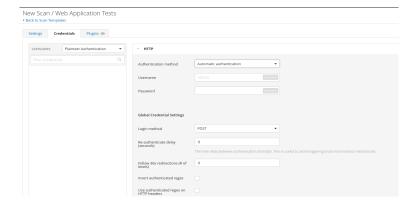


Create your web application scanner

Create a Web application scanner with the following settings:

- Name: DVWA, Targets: 172.22.204.188
- Assessment/Web application/ Web Crawler /DVWA/
- Set the login details in the Credentials tab using the the Plaintext Authentication / Automatic authentication.

Create your web application scanner

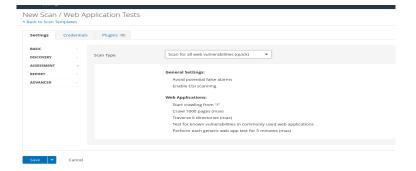


Készíts el a webalkalmazás szkenned 2

Create a Web application scanner with the following settings:

- Name: OWASP, Targets: 172.22.204.195
- Select any application from OLD (VULNERABLE) VERSIONS OF REAL APPLICATIONS on the page then on the Assessment tab, run first custom and then the complex scan type using this ip address.

Create your web application scanner



Final practical test - example

Describe how you would test www.hackthissite.org. Perform the task using Basic scanning. Answer the following questions:

- Target IP Address
- Target ports
- Choose a vulnerability on the list and gather as much information as possible about it (Include a description of the problem, possible solutions, and additional resources about the exposure). If there is no vulnerability select an info type vulnerability and detail the point.

Generate a pdf of the scan results, including all vulnerabilities and related information. Create a separate document to answer the questions. Use the Snipping tool and take screenshots showing the results from your Nessus account.



Thank you for your attention!