

## **TITLE:** CodTech IT Solutions Internship

Task Documentation:

“Use Maltego GUI based tool and Gather information about the given target site: <http://testphp.vulnweb.com/> .

## **INTERN INFORMATION:**

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## **Introduction:**

Maltego GUI, a powerful tool for Cybersecurity and digital investigation, is discussed. Developed by Paterva, the user-friendly GUI helps users gather valuable information from various sources. Built on Transformations, it extracts data from OSINT platforms, databases, social media, and more. Maltego GUI enables efficient data analysis, visualization, and threat identification, aiding informed decisions and improved Cybersecurity. The text covers features, functionalities, use cases, and industries benefiting from its integration.

## **Implementation:**

### **Download and Install Maltego:**

Visit the Paterva website and create an account to access the Maltego software.

### **Activate Your License:**

After installation, launch the Maltego GUI tool. You will be prompted to activate your license. If you have purchased a license, enter the activation key provided in your account. If you are using the free version, select the appropriate option.

### **Export and Share Results:**

Once you have completed your analysis, you can export the results in various formats, such as XML, CSV, or PDF. Additionally, you can share your work with others by exporting the entire Maltego project.

## **Workflow:**

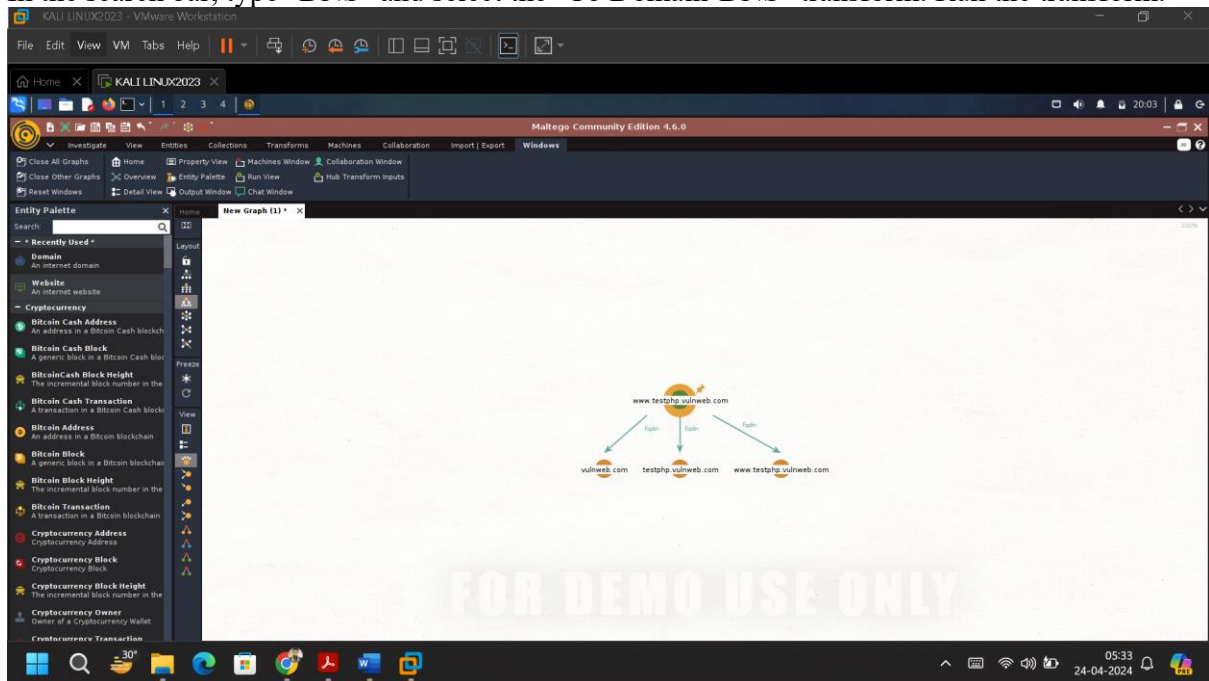
The target site <http://testphp.vulnweb.com/> appears to be a web resource designed for educational purposes, specifically focused on web application security and vulnerability testing. The site contains various PHP scripts that intentionally exhibit different types of security weaknesses, such as SQL injection, command execution, and file inclusion.

Launch the Maltego application and create a new graph in Maltego by clicking on the "+" icon in the top left corner.

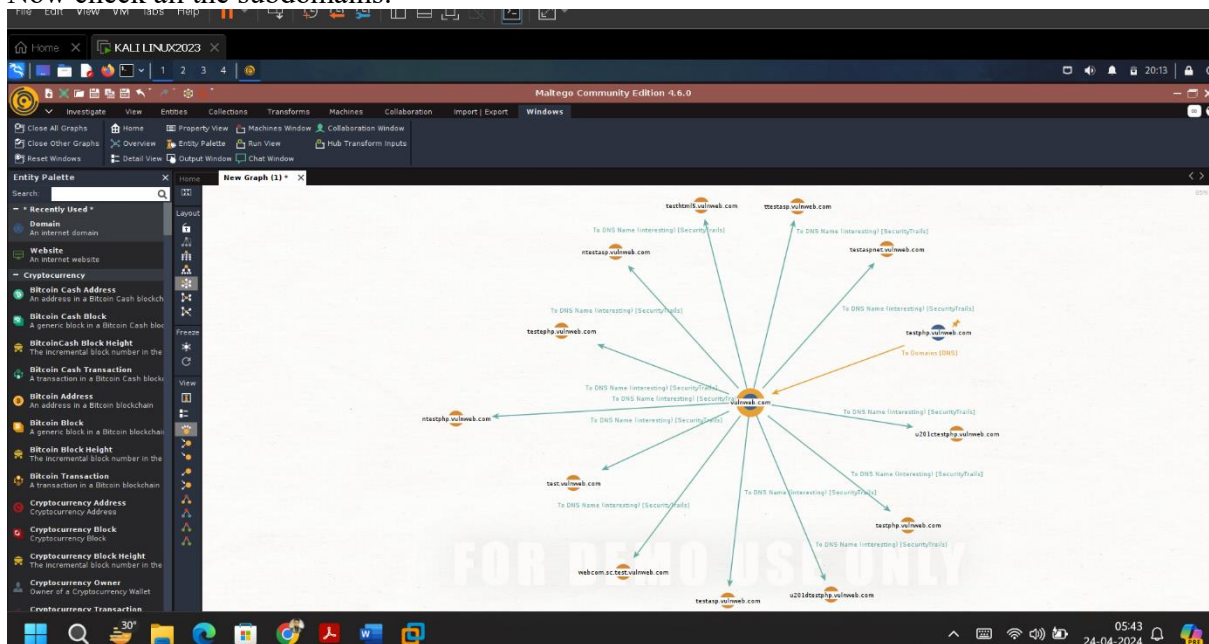
In the search bar, type "Website" and create a new Website entity.

Paste the target site URL (<http://testphp.vulnweb.com/>) into the Website entity and now Right-click on the Website entity and select "Run Transforms".

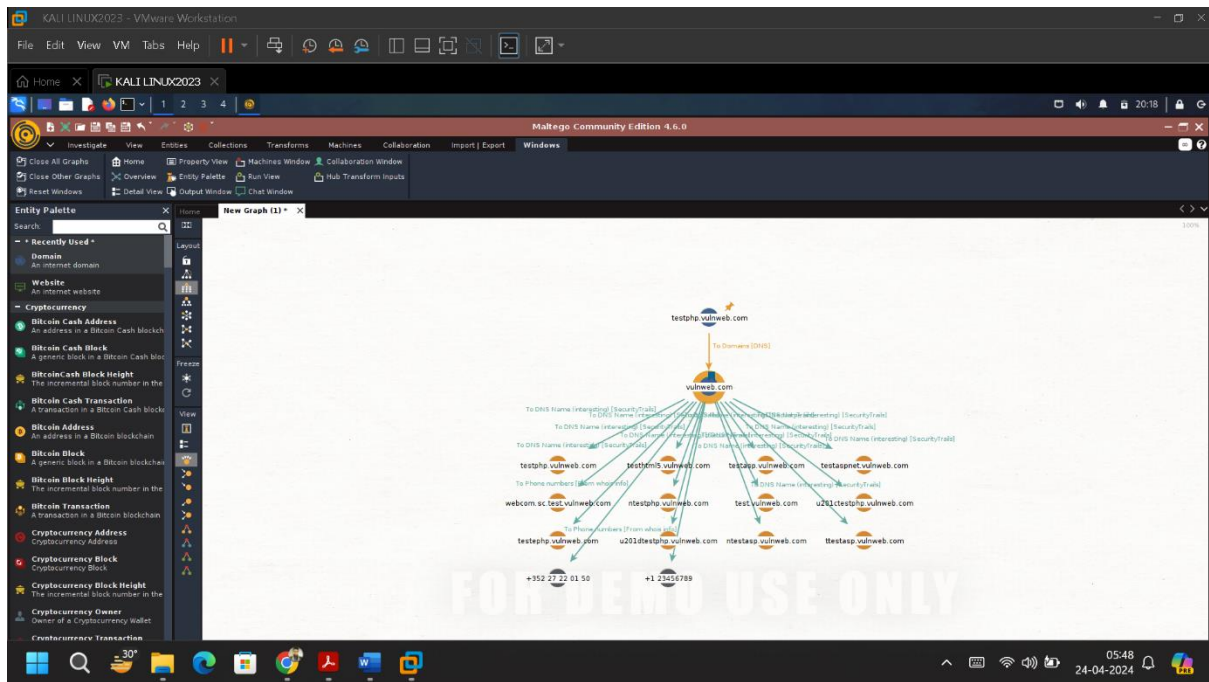
In the search bar, type "DNS" and select the "To Domain-DNS" transform. Run the transform.



Now check all the subdomains:



Now, check the mobile number associated with the domain:



We can also check emails, IP address etc and many more from the categories.

## CONCLUSION:

In conclusion, the information gathered through the use of the Maltego GUI tool provides an extensive and intricate overview of a company, encompassing various aspects such as phone numbers, Gmail accounts, locations, associated companies, domain names, and DNS records. This wealth of data enables a comprehensive understanding of the organization, facilitating in-depth analysis and informed decision-making.