

GTU INNOVATION COUNCIL

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One Day workshop on Audit Phishing, Docker and Hacking Meetup

Date: 19th May 2019

Time: 10:00 A.M. - 1:00 P.M.

Venue: Block 6, GTU Innovation Council, Ahmedabad

About the event

GTU Innovation Council is one of the elite organization for fostering Entrepreneurship and Innovation under the aegis of Gujarat Technological University. Imagination is the base of innovation. GIC has been designed to establish close bonding between industries, entrepreneur and students to make research and development at the University relevant to the needs of industries at national and international levels.

The Event is all about for implementation of web security and hacking meetup. The Session was exclusively conducted for the students, faculty, startups Innovators in field of Cyber security. The main focus of the event was on how hackers do audit phishing, Smartphones data backup from root using the software like andriller free tools and what are the important parameters that need to implement into the web development as well as how cross platform utilize and upload into container like docker, how it is benefitted to developer for utilizing this.

About the speakers

Mr. Vismit Rakhech, Security Analyst in Softweb Solution.

He has been in the security field from the last 6 years and currently working as Security Analyst for Softweb solutions(Avnet). he has published white papers on wildlife trade over the internet and Digital Mafia~ Decrypted and presented the research papers in Hakon, CSA, OWASP, HackTech, etc. In his free time, he does bug bounty hunting, Avira, Sony, Nokia, HackerEarth, AT&T are the few famous names who rewarded Vismit for finding the bugs in their product.

He has delivered 100+ sessions in on security in colleges and government sectors.

Mr. Vivekkumar Sinha, Vivek has been in the cloud field from the last 5 years and currently working as a Sr. Engineer in eInfochips. Vivek has worked on enhancing the security of the infrastructure and hardening of the system. He has implemented Warm Site Disaster Recovery and automated the deployment flow. He took 50+ session in the company to create awareness of internet usage.

Highlights from the Session

10:00 am - 11:00 am: Introductions and News Bytes and Investigation Process by **Mr. Vishal Purani**

11:00 am - 12:00 pm: How Audit phishing work with live example by **Mr. Vismit Rakhecha**

12:00 pm - 01:00 pm: How Docker as Container work by **Mr. Vivek Sinha**

01:00 pm – 01:15 pm: Question Answer

The event began with a round of introduction and attended by students, faculties as well as startup members were present in the session.

First of all event brief information discuss with the audience regarding the latest news regarding the cyber security who are aware or who are not aware about cyber security and web security. Then, **Mr. Vishal Purani** discuss on what are the steps of **Investigation Process into Digital Forensic Science Department** to solve any criminal case, How open source tools useful in cybercrime activity to solve cases.



Point discussed by **Mr. Vishal Purani** is below:

- 1) What are the basics steps that follow by Digital Forensic Science Department
- 2) Fundamentals & procedure and Architecture
- 3) Andriker Software for Smartphones hacking to collect all data backup from root.
- 4) How Security Model Work into Android Smartphones.

After completion of Mr. Vishal Purani Session, **Mr. Vismith Rakhecha** took over session to explain the important about the Audit Phishing and how it effect, what are the issue we can faced. He also explained about which are the viruses that we don't need to click on any of the link which is send by any of your friend or any company or any unknown person, they will theft all your data which is available in your system. He also discussed about OWASP Ahmedabad. He is Chapter Leader of Ahmedabad OWASP (Open Web Application Security Project).



Point discussed by **Mr. Vismith Rakhecha** is below:

- 1) Explain what is Audit Phishing?
- 2) What are free tools to stop Phishing?
- 3) Attributes and Security
- 4) Live example with Audit Phishing.

He explained each and every point by giving example as well as show the live practical of the Audit Phishing pages how it work and how it enter your system to exploit your personal data with world.



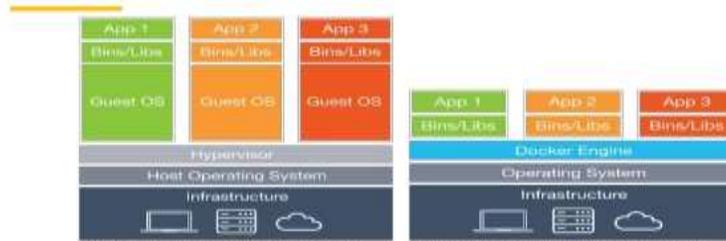
References: <https://getgophish.com/>



Mr. Vivekkumar Sinha explain regarding the Docker as Micro Services Management which benefit to developer and QA for testing real time application live. He explain what are the merits and demerits about the docker. He discussed below point with audience and given example regarding the Docker as collection of inter-operating Software-as-a-Service and Platform-as-a-Service to cultivate development and delivery of software inside standardized packages.

- 1) What are the Micro Services.
- 2) Definition of Docker.
- 3) Comparison with VMS.
- 4) Architecture
- 5) Tutorials regarding Docker
- 6) Use Cases
- 7) Threats
- 8) Q&A

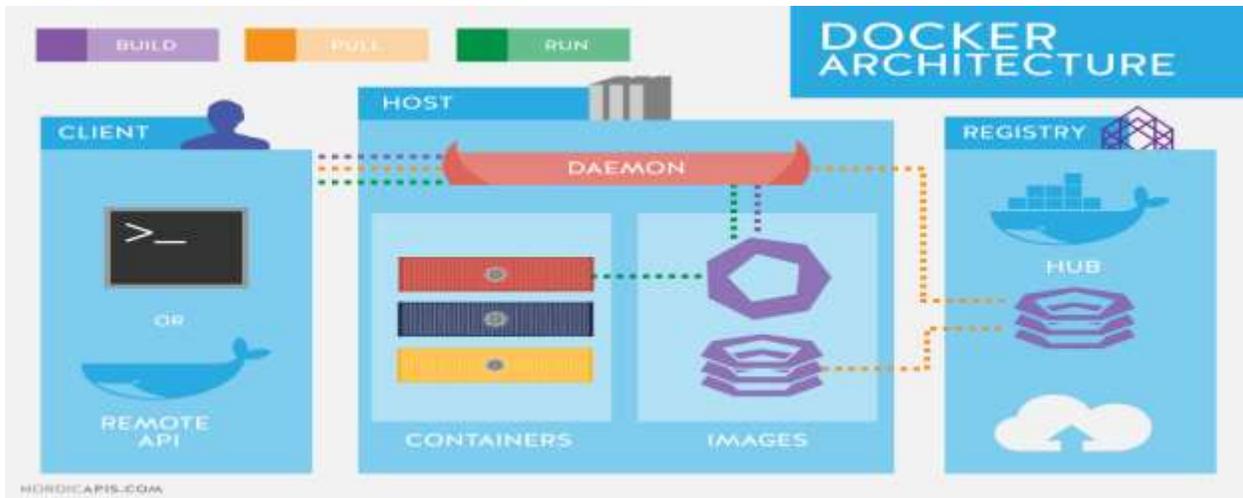




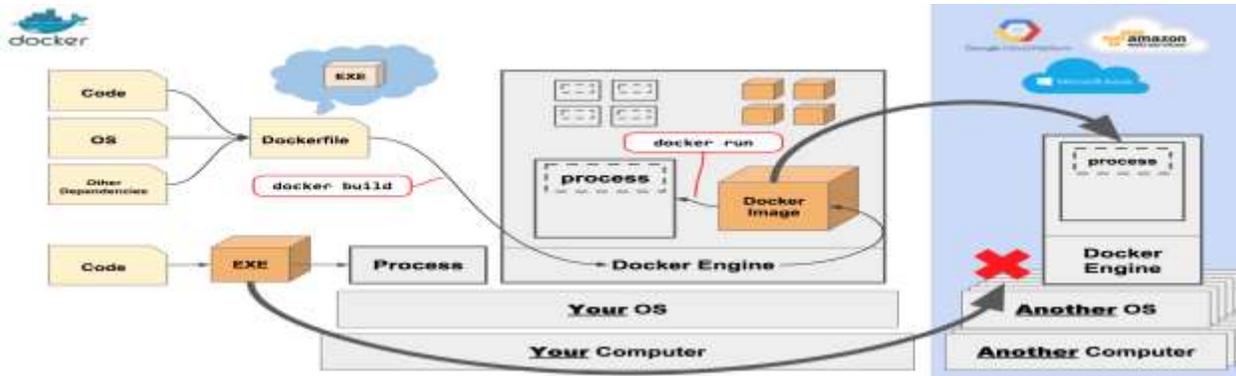
VM uses a hypervisor to create hard resource boundaries between running instances.

Docker Engine shares resources, allow containers to be much more lightweight

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Glimpses from the event:



Photography By: **Nitin Magjikondi**

Report Prepared by: **Nitin Magjikondi**

GIC Team