Joy Ghosh

Pen-tester

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- https://github.com/joyghoshs

Skills

- **Penetration testing**

- **Web application Vulnerability Assessment and Penetration Testing**

- **Wireless penetration testing** - WPA,WPA2,WEP

- **Python3** - Creating Exploits for Vulnerability and automate testing process.

- **Linux** - Can operate linux based os like Debian,Ubuntu,Arch,Kali linux,Parrot os and can recover linux machine from corrupted state

- **Hardware and software troubleshooting**

- **Network Vulnerability Scan and Penetration testing**

- **Real time traffic analysis , network IDS and packet analysing with wireshark**

- **Familiar with hash cracking** - md5,Sha-224,Sha-512,Mysql-4.1+,mssql2005,nthash,etc.

- **Knowledge With exploiting** - Shellshock,Heartbleed,poodle,IIS 6.0 buffer overflow to rce,Laravel Debug mode to rce,Mikrotik Chimay Red and other critical cve.

- **Experience with tools** - Wireshark,Hydra,BurpSuite,Metasploit,Nmap,Sqlmap,Wpscan, Joomscan,john-ripper,nuclei,jaeles,routersploit,commix,binwalk,ettercap,mitmproxy,nikto,maltego,recon-ng,scanless,rustscan,airgeddon,KRACK detector,Reaver,bully,Openvas etc other PT frameworks.

- **Steganography**

- **Open Sources Intelligence gathering** - Can collect information about a organization or a target network or a target web application, Well skilled with Shodan,greynoise,Zoomeye and their search filter.
- **Bash Scripting** - Writing automate scripts with bash and creating linux/unix basic privesc exploit with it.
- **Familiar with Router switch setup configuration and installation.**
- **Forensic** - Can recover data from device that is in corrupted state
- **Incident analysis** - Can Analysis Possible Cyber attacks or malicious attack by checking logs
- **Cloud Management** - Skilled With Basic Cloud Operation like Creating an instance , installing services, enabling api disabling api , and other basic operations.

Projects

Git-CVE
Find Poc [Proof Of concept] from github.

Exp-api
Find Exploit using software name from terminal using exploits.shodan.io.

0install
Automatically install all popular webapplication hunting tools with one run.

Tefw
Things exploitation framework that contains some swiss army knife tools for pentesting and exploitation.

Education

S.S.C - Golakandail M.R.B High School [**Science**]

January 2010 - February 2016

SSC GPA 4.72

DIPLOMA - Narsingdi Polytechnic institute [**Computer Science and Engineering**]

September 2016 - February 2021

DIPLOMA in CSE CGPA 3.18