2022/2023 Semester 2

4062/3010 Computer Security Week 9 Tutorial Discussions

1. Why company find it so hard to thwart phishing attack?
2. Takes only 1 employee to let his/her guard down
3. Some unsure how to verify link is correct (eg US former northwest airlines website, is it northwest.com or nwa.com?)
4. Some are attracted by the deals behind the forwarded link to web page
5. Some received link from close friends and assume it is secure
6. How to reduce almost to zero the number of phishing incidents in companies?
7. Walk through with employees personally to mouse over link and observe webpage it points to
8. Walk through with employee personally how to google and recognize correct link to web page-if in doubt ask someone with techie
9. Stick approach is useful to ensure employee takes this lapse seriously
10. If link appears in group email, highlight malicious link to everyone
11. Encourage employer & partners never to send link to employees. Everything in text.
12. Supposedly you are the CISO (chief info security officer) of a big company and you are about to launch a new e commerce. What do you think are his best ways to ensure his website is ready to face the public?

Ans: 2 main ways:

1. pen testing-quality depends on expertise of pen-tester.
2. open competition to registered ethical hackers with good prizes to attract the best to join in-identify loopholes and suggest effective solutions. Typically this is a better solution.