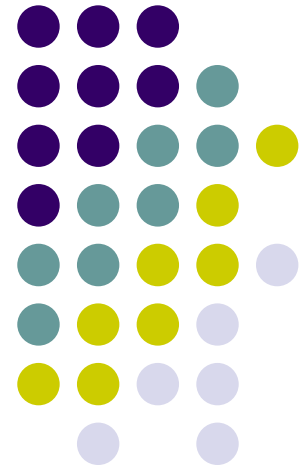


Ethical Hacking

Why This Is Not the Fox Guarding the Proverbial Hen House

Stephen V. Providence Ph.D.
Assistant Professor of Computer Science

Hampton University
Hampton, Virginia, 23668
stephen.providence@hamptonu.edu



Abstract



The notion of hacking for the public good is not novel nor is it unique to computing. The immediate analogy is lock-smithing. This is not viewed as unethical since the need is clear and the profession is well defined. Many lock smiths are bonded and there's never the question of what they are doing.

In this talk several basic ideas are put forth.

- Definition of hacker with some anecdotal history.
- The need for hackers.
- What should be done:
 - create licensing leading to a profession centered on intrusion prevention and control
 - aspects of computer science curriculum that implicitly instruct in closely related areas
- By products of ethical hacking
 - open source community assets
 - openGL, openCL, open Office, GNU, TeX, and MySQL to name a few
- Conclusion: hacking is popular culture
- Done correctly the entire field of computing benefits

