

How to Kill Worms and Viruses with Policy Pontifications

Scott Bradner

University Technology Security Officer

Harvard University

sob@harvard.edu

new title (for me)

continuing (Harvard) responsibilities

but now formalized

“University Technology Security Officer”

“technology” because no management of police

tasks

helps coordinates ways to ensure compliance to laws

watches out for new laws

coordinates development, implementation &

administration of high-level security policies

helps coordinate security awareness programs

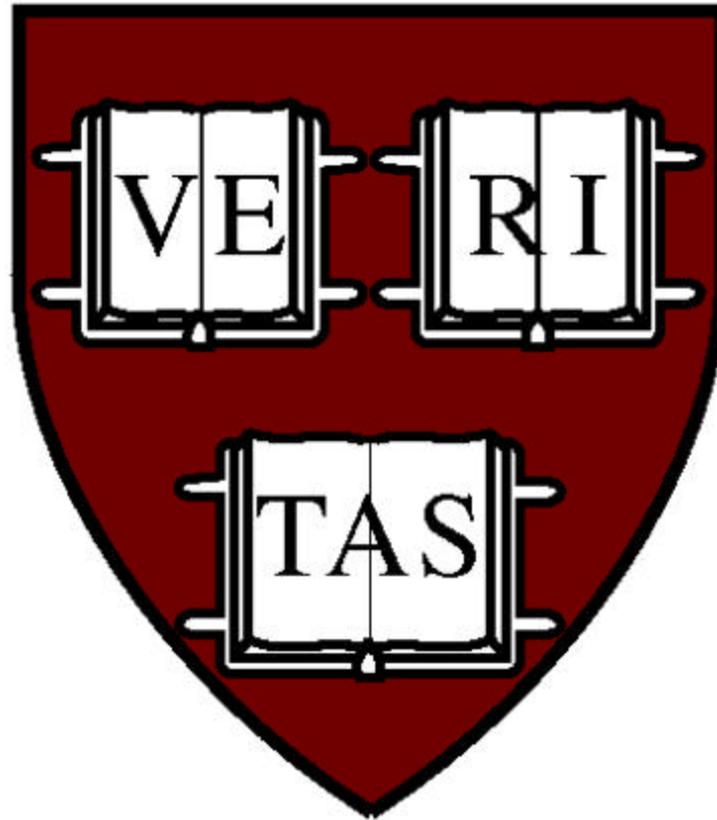
advises CIO

facilitates security & privacy aware culture

monitors security risks

does he actually do anything himself?
Can he?

Harvard looks Like



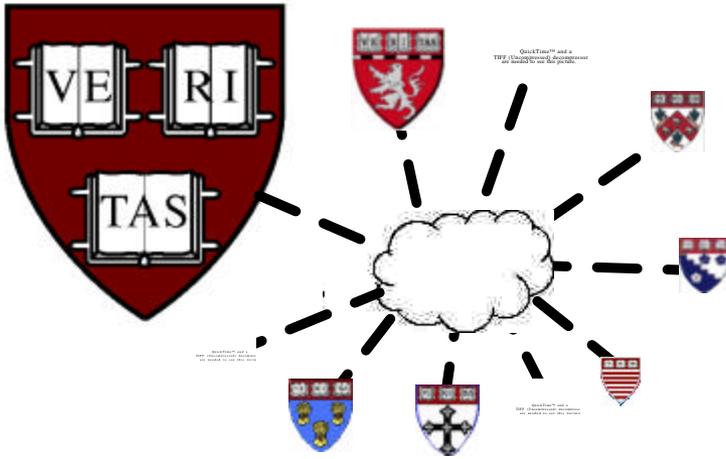
actually, real reality is worse in technology

research lab

research lab

research lab

research lab



research lab

times are changing
but are not yet changed



“ETOB” no longer
a legit reason

Laurence H. Summers

so what can he do?

since assertions of central control falls on deaf ears
chair University Technology Architecture Group
(UTAG)

“CIOs” from around the University
vets new technology ideas

e.g. PIN system, LDAP directory
discussion of policies

e.g. wireless nets

work with RMAS & OGC

be a visitor

laws can be used as a stick

FIRPA (Family Educational Rights and Privacy Act)
privacy of educational records and directory
information

HIPPA (Health Insurance Portability and
Accountability Act) privacy of medical records

GLB (Gramm-Leach-Bliley) privacy of financial
information

Database Security Breach Act (CA)

DMCA) Digital Millennium Copyright Act - RIAA
empowerment act

the university technology environment

no university firewall

that would be silly

some school firewalls

some internal firewalls

good router ACLs (in some places)

mostly switches

reasonable clue in most official IT groups

near software monoculture on non-student desktops

mixed server picture

the players

ca staff

school staff

undergrad students

grad students

tenants

researchers

faculty

my task

(until Larry changes the culture)

get the schools to think they came up with
security and privacy efforts

use laws as sticks when enthusiasm fades

get buy-in on guidelines

too much

posture, pontificate & cajole

too little

“you must”

but I knew what I was getting into

this bed was already on fire

thanks & have a good lunch