

Title of Session: C3 - Backing Up, Virus Protection, Passwords

Moderator: Davina Pruitt-Mentle

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Room: Cyber 3 Group

DavidWe: Hi, Davina. Happy New Year

DavinaP: and same to you

DavinaP: looks like small group tonight but the best of the best!

DavinaP: since we have all been here before no need for introductions?????

BJB2 nods

DavinaP: tonight I thought we could discuss Hacking, Downloading and Backing up, Virus Protection, Passwords sound Ok or is there another topic of interest

EmilyW: for sure want to talk about viruses

DavinaP: So just to get us startedWhat is the difference between computer crime and hacking? What is a student asked this question in class?

SherylM joined the room.

BJB2: hi, Sheryl. We've just started

DavidWe waves to Sheryl

SherylM: Sorry, I got lost

SherylM: Had to find directions

SherylM: HAHAHA. Even in cyberworld

DavinaP: to get us started I tossed out the question...What is the difference between computer crime and hacking? what would you say to a student if they asked this question in class?

SherylM: I should introduce myself to Davina. I am a teacher, parent

DavidWe: I'm not sure hacking (breaking into a computer system) is a crime (don't know the definition)

DavinaP: excellent Sheryl welcome!

SherylM: Sometimes hacking is not in violation of the law. It can be used to add to the content or structure of a program

DavidWe: Sounds like "computer crime" is a crime by definition

DavinaP: visit <http://en.wikipedia.org/wiki/Hacker> to get a quick overview of hacker and then will look at computer crime

BJB2: interesting...so a hacker can be good or bad

DavinaP: now compare it with http://en.wikipedia.org/wiki/Computer_crime regarding computer crimes

DavidWe guesses most people would choose "bad"

DavinaP: so what do most "kids" fall into --category?

DavidWe: hackers?

FredK . o O (Dateline investigates pedofiles)

DavinaP: does anyone have any war stories to share about children "hackers"?

DavidWe knew of some schools where FBI agents showed up after kids sent threatening email to the White House

FredK: Some movies have sued on the subject

DavinaP: Ok so that falls more under the computer "crimes" section--harassing etc...

DavinaP: there have been some interesting cases I sure folks have heard in the news regarding applications to schools to see if they had been accepted to the university they wanted...

DavinaP: there are other cases of students entering into teacher's grade books etc... anyone heard or have this happen?

FredK: Just in the news

DavidWe: the film, "War Games"

DavidWe: Matthew Broderick hacks the Defense Dept's computers

FredK: Thanks David

DavidWe: Sure

SherylM: It is more likely that students don't need to hack, some can be clever in gaining password info, etc

SusanR listens

DavinaP: so gaining someone's password you would not consider "hacking"?

SherylM: Some people don't use virus protection, open attachments, write their passwords on paper. Those are the vulnerable ones that students can acquire info from. Not hacking. Just something else.

DavinaP: interesting.. I would (only my thoughts) still consider that to be "hacking"

SherylM: If stealing and spying is hacking, then I would have to agree

DavinaP: they have still "modified administration, and security-related items"

DavinaP: so perhaps not as big an issues around other places then around here in MD what about computer "crimes" what sort of thing have you heard that kids have engaged in that would fall under this definition

DavinaP: these are not k-12 related since would have to be over 18 but just insight <http://www.cybercrime.gov/>

FredK . o O (the CamCorder pleading guilty.....is funny)

DavinaP: any knowledge of students taking part of these type activities? which do you think is the worst?

DavinaP: is every one able to get to the links now?

BJB2: I didn't have any problem, Davina

DavidWe: Me neither

BJB2 . o O (and I've only read articles on students doing this stuff)

SusanR: oops

BJB2 . o O (although we have had a few rather creative students who have managed to figure out some "kid proof" stuff)

SusanR: what are typical student antics in terms of hacking, Davina

DavinaP: While you are thinking about what some of the biggest issues are with students let me have you go to <http://www.ite.virginia.edu/pubs/docs/RespComp/videos/> click on one of the many video clip options and listen (very short) I find this very useful in sharing with my teachers (pre-service and in service as well as high school students in the summer

DavinaP: Susan--hacking in high school has been students using local school system access to do online bogus selling, breaking into gradebooks, teacher websites to modify content HW--using someone else's or school accounts to send nasty messages (that's crime as well as hacking to get the account info--they actually utilized the local school account the stories go on and on

DavinaP: tell me your thoughts on the UVA video clip

SusanR: thanks Davina

DavinaP: hacking at the post secondary level--at least what has happened here on campus--hacking in to online registration and dropping other students so they could then sign up for a course--was one that just happened

DavinaP: everyone get a chance to view--should I move on???

DavidWe: Sure

BJB2: good grief!

SherylM: ok

BJB2 . o O (about the hackers)

DavinaP: we running out of time but one of the easiest ways to protect yourself of course is via good strong passwords (amongst other things we discussed in earlier sessions) what defines "strong passwords"?

DavidWe: not a dictionary word

SherylM: cool

BJB2: combination of numbers and letters

DavidWe: upper/lower case

SherylM: don't write it down

DavinaP: all excellent NCSA lists several see:
<http://staysafeonline.org/practices/five.html>

DavinaP: Using passwords that have at least eight characters and include numerals and symbols.

DavinaP: Avoiding common words: some hackers use programs that can try every word in the dictionary.

DavinaP: Not using your personal information, your login name, or adjacent keys on the keyboard as passwords.

BJB2: that looks like a good url you should feature in this room, Davina

SherylM: yes, that would be excellent

DavinaP: Changing your passwords regularly (at minimum, every 90 days). something more schools are utilizing--including here at UMD--the make us change and we can NEVER use the same one over

DavidWe: I find that annoying, though...if it is a good password, why not be able to use it again?

DavinaP: Using a different password for each online account you access (or at least a variety of passwords with difficulty based on the value of the information contained in each. I sadly say I do not utilize this one often enough

BJB2: yikes! That's fine if you only need to remember one password

DavinaP: time is running out--we will cont with this topic covering downloading a biggy next month 5th but I will leave you with a few more of my favorite video clips and websites...

DavinaP: view The University of Arizona's Security Awareness Posters
<http://security.arizona.edu/posters.html> and the <http://www.itd.umich.edu/posters/> "> University of Michigan's posters (my favorite).

SusanR: Thanks Davina

BJB2: Thanks, Davina

FredK: Thanks Davina

DavinaP: and View the Humorous video on Passwords at George Mason's Security Website <http://itu.gmu.edu/security/practices/>. A MUST SEE!

BJB2 . o O (passwords are like underwear?!)

DavinaP: Good night all

DavidWe smiles

DavidWe: Thanks, Davina. Take care

BJB2 waves goodnight

DavidWe waves