pennsylvania
EMERGENCY MANAGEMENT AGENCY

Ready PA
www.Ready.PA.gov

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Ask A Hacker

We live in a world that is more connected than ever before. The internet touches almost all aspects of everyone's daily life, whether we realize it or not. Everyone needs to Own IT. Secure IT. Protect IT.

Is there anyone that is safe from a cyberattack?
NO! We do not discriminate. We target vulnerable computer systems regardless of whether they are part of a large corporation, small business, or belong to a home user.

Can children be victims of cybercrime?
Every age group is vulnerable to cyberbullying, but teenagers and young adults are common victims. Cyberbullying is a very common problem in schools. The internet is fairly anonymous, so it is appealing for bullies because it is difficult to trace. That is how rumors, threats, and photos can be disseminated on the internet very quickly.

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- Bits & Bytes of Cybersecurity
- The Great Northeast ShakeOut
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- Ready PA Tip Sheet: Cyber Safety for Kids

What are some devices that could potentially be exploited by a hacker?



- Desktop computer
- Laptop computer
- Digital assistant
- Television
- Cellphone
- Tablet
- Security camera
- Baby monitor
- GPS
- Thermostat
- Smoke alarms
- Door locks

Now let's flip the switch and talk to a Cyber Security Expert

With all the advances in technology, how do I protect my digital home?

The Stop.Think.Connect.™ Campaign provides 5 easy steps to secure your connected devices.

1. **Secure your Wi-Fi network.** Your home's wireless router is the primary entrance for cybercriminals. Change the factory-set default password and username.
2. **Enable stronger authentication.** Add an extra layer of security by using a multi-factor authentication.
3. **Keep a clean machine.** Make sure software is up-to-date and install updates for apps on your device's operating system.
4. **Know your apps.** Review and understand the details of an app before downloading and installing it. Also, check to make sure the vendor or creator of the app is reputable.
5. **Consider what you share.** Limit the amount of personal information you share about yourself online.

To learn more about the Stop.Think.Connect.™ Campaign visit:
https://www.dhs.gov/stopthinkconnect

Bits & Bytes of Cybersecurity

- Over 10 million attempted cyberattacks are reported to the Pentagon every day.
- The estimated cost of a successful phishing attack on a small or medium sized business is $1.6 million dollars.
- By the end of 2019, the estimated global cost of cybercrime will be $2 trillion dollars.
- Pennsylvania is ranked second in the country for cyberattacks.

Ask A Cyber Security Expert

What can I do to prepare before a Cyberattack?



Cybersecurity is a shared responsibility. First, we need to **Own IT.** Understand your digital profile. Internet-based devices are in every aspect of our lives: at home, school, work, and on the go. Understand the devices and apps you use every day to help keep you and your information safe and secure. Then, we need to **Secure IT.** Cybercriminals are good at getting your personal information and their methods are getting more sophisticated as technology evolves. Protect yourself by learning about security features that are on your equipment and the software they use. Lastly, **Protect IT.** Maintain your digital profile. Every click, share, send, and post you make creates a digital trail that can be exploited by cybercriminals. Become familiar with and routinely check privacy settings to help protect your privacy and limit cybercrimes. When dealing with cybercrime, an ounce of prevention is truly worth a pound of cure.

What do I do during a Cyberattack?

- Limit the damage. Look for unexplained charges, strange accounts on your credit report, unexpected denial of your credit card, posts you did not make showing up on your social networks, and people receiving emails you never sent.
- Contact banks, credit card companies, and other financial accounts. Close any unauthorized credit card accounts. Report that someone may be using your identity.
- Immediately change passwords for all of your online accounts.
- Check to make sure the software on all of your systems is up-to-date.
- Run a scan to make sure your system is not infected or acting suspiciously and clean your device.
- Consider turning off the device. Take it to a professional to scan and fix if necessary.
- If you find a problem, disconnect your device from the Internet and perform a full system restore.

What do I do after a Cyberattack?

Stop the Loss! Call the company or companies where you know the crime occurred. Ask for the account(s) to be locked or closed. Place a fraud alert and get your free credit report and change your passwords.

Get it on Record and File Reports! Contact your local police department to file an official report. File a report with the Office of the Inspector General (OIG) if you think someone is illegally using your Social Security number. You can file a complaint with the FBI Internet Crime Complaint Center (IC3). Report identity theft to the Federal Trade Commission. Report online crime or fraud to your local United States Secret Service Electronic Crimes Task Force.

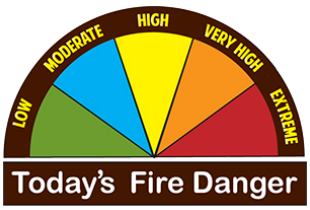
The Great Northeast ShakeOut

The Great ShakeOut is the world's largest earthquake drill with over 22 million participants. The purpose of the Great ShakeOut is to encourage people and organizations to be better prepared to survive and recover quickly after an earthquake.

Although rarely felt in Pennsylvania, there have been a few earthquakes that caused minor damage. We also live in a world of increased mobility, where it has become easier to travel quickly from one state or one country to another. It is possible you may experience an earthquake when traveling. Knowing how to prepare and how to act can make all the difference. So, join us as we Drop, Cover, and Hold On at 10:17 a.m., on October 17th for the Great Northeast ShakeOut.



Fall Outdoor Fire Safety



Wildfires in Pennsylvania



It is officially autumn, and that means a time for falling leaves, pumpkin picking, and hot cider. While the peak wildfire season occurs during the spring, a secondary wildfire season occurs during the autumn months of October and November across Pennsylvania. This year, a dry late summer coupled with drying vegetation, dying leaves, and periods of low humidity air can help increase the risk for wildfires. The remaining factor left is an ignition source. According to the Department of Conservation and Natural Resources (DCNR), 99 percent of Pennsylvania wildfires are the result of people, so it is up to you to practice fire safety this fall.

Ignition Sources

Since people are responsible for starting most Pennsylvania wildfires, what are some of the reasons? The most common causes of forest fires in Pennsylvania is debris or trash burning. A person carelessly burning trash or yard waste can be responsible for causing wildfires that burn thousands of acres of valuable forests. A seemingly controlled backyard burn can quickly ignite grass or leaves, and a shift in wind can spread fire to nearby trees and forests. Campfires, bonfires, discarded cigarette butts, and fireworks can also be dangerous ignition sources. Parking a hot car on grass can ignite unusually dry fuels. Think twice before taking any of these actions and know when to either safely use fire outdoors, or hold off until conditions are less favorable for fire spread.

Only you can prevent wildfires, and here is how!

Do not let a small fire become a big fire. So how can you prevent fires from spreading and how can you protect your property?

- Always check with your municipality for burn bans and local ordinances on debris burning.
- Avoid burning outdoors in dry, hot, and windy conditions.
- If you do burn outdoors, always have a bucket of water or hose nearby to help prevent fire spread.
- Clear leaves from your property, including the roof and gutters.
- Clear out any dead vegetation from at least 10 feet around your home.
- Keep flammable materials at least 30 feet from your home.
- Replace mulch with rock, gravel or stone, especially nearest to your home.
- If you live near a wooded area, maintain a large clearance between your home and the tree line.

Want to Learn More?

Daily Fire Danger:
https://www.wfas.net/index.php/fire-danger-rating-fire-potential--danger-32/north-america-fire-danger-map

PA Department of Conservation and Natural Resources (DCNR) Wildfire Website:
http://www.dcnr.pa.gov/Communities/Wildfire/Pages/default.aspx

Smokey Bear Website:
https://smokeybear.com/en

PEMA is Social!

Find Us, Visit Us, Follow Us, Retweet Us!

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https://twitter.com/PEMAdirector

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Preparedness Events in October

Cyber Security Awareness Month
(https://niccs.us-cert.gov/national-cybersecurity-awareness-month-2019)

National Crime Prevention Month
(www.ncpc.org/programs/crime-prevention-month)

Fire Prevention Week (October 6—12)
(https://www.nfpa.org/Public-Education/Staying-safe/Preparedness/Fire-Prevention-Week/About)

The Great Northeast ShakeOut Earthquake Drill (October 17 at 10:17 a.m.)
(https://www.shakeout.org/northeast/)

Additional Resources

Pennsylvania Emergency Management Agency: www.pema.pa.gov
ReadyPA: www.ready.pa.gov
SERVPA: www.serv.pa.gov
Federal Emergency Management Agency: www.fema.gov
Office of the State Fire Commissioner: www.osfc.pa.gov
Pennsylvania Department of Banking and Securities: www.dobs.pa.gov
Pennsylvania Department of Conservation and Natural Resources: www.dcnr.pa.gov
Pennsylvania Governor's Office of Homeland Security: www.homelandsecurity.pa.gov
Pennsylvania Insurance Department: www.insurance.pa.gov
Pennsylvania Office of Attorney General: www.attorneygeneral.gov
Pennsylvania State Police: www.psp.pa.gov
PA511Connect: www.511pa.com

Are you ReadyPA?

ACTION SHEET

Did you know?

81% Of young people think bullying online is easier to get away with than bullying in person.

19% Of teen users have posted things they regret, including photos, videos, status updates, tweets, or comments.

43% Of teens have been victims of Cyberbullying.

Know Your Terms: Cyber bullying

Cyber bullying can take many forms

Sending mean messages or threats to someone's email account or cell phone.

Spreading rumors online or through texts.

Posting hurtful or threatening messages on social networking sites or web pages.

Steeling someone's account information to break into their account and send damaging messages.

5 Cyber Safety Tips

ZIP IT
Keep your personal stuff private including the names of your family members, your school, your telephone number, and address. Turn off your GPS location services and your device's camera when not using them.

BLOCK IT
Be careful who you friend online. Just because someone with mutual friends wants to add you on a website or app doesn't mean they are trustworthy.

CHECK IT
Think twice before you post or say anything online. Only do or say things online that you would do or say in real life; once it is in cyberspace, it is out there forever.

FLAG IT
If you see something inappropriate, tell an adult you trust. Don't stand for bullying— online or off.

LOCK IT
Use strong passwords with 8 characters or more that also has numbers, letters, AND symbols. Use privacy settings on social networking sites.