



The Security Minute

Take a second to be secure.

A communication of the Longwood University Information Security Office

Read *The Security Minute* Online: www.longwood.edu/infosec

Defense-In-Depth: Many Pieces to the Security Puzzle

Would you buy a car that had seatbelts as its only safety feature? No, of course you wouldn't buy a car without valuable, although potentially overlooked, safety features like turn signals and brake lights. Just like you wouldn't consider a car with just one safety feature, we must have multiple features in place to protect our computers, the network and you—the user.

We sometimes refer to this as defense-in-depth. We must take a multi-layered approach to security which means there isn't a one piece, one-size-fits-all security solution.

Check out these features keeping your computing experience secure:

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|---------------------------------------|---|
| ◇ Antivirus software | ◇ User Awareness |
| ◇ Firewalls | ◇ Non-administrator accounts/Least privilege |
| ◇ Patches | ◇ Physical controls |
| ◇ Authentication and Passwords | ◇ More! |

Like with the safety features of your car, you barely notice some of these features in your daily interactions with technology as a user, like the firewall. However, other features, like passwords, require more regular user interaction. Also, like the safety features of your car each of these security features accomplishes a different goal and enhances your secure computing experience in a different way. For example, even the best antivirus software doesn't catch 100% of the potentially damaging malware that exists so we rely on user awareness to minimize the exposure of our network as well.

Next time you logon remember that all of these features work together to secure our computers, network and users. Together they create a more comfortable and secure ride across the network and beyond.

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What is a vulnerability?

In information security a vulnerability is a weakness in a system that can be exploited as part of an attack. Some of these weaknesses come from the system developer, like software bugs or holes. Other vulnerabilities come from users, like weak passwords.



Security Spotlight - Participate in the review of IITS policies!

Would you like an opportunity to comment on proposed revisions to IITS policies?

In order to allow all faculty and staff the opportunity to comment on proposed revisions and additions to IITS policies, we have created a space on Blackboard for you to provide your feedback.

1. Go to blackboard.longwood.edu.
2. Login using your LancerNet ID and password.
3. Enroll in the "(IITS) Policy Review" course.

To enroll:

- A. Go to the "Courses" tab.
- B. Select the "Organizations/Non-Class Usage" folder.
- C. Locate "(IITS) Policy Review"
- D. Click on the "Enroll" button.
- E. Submit.
- F. Click "OK."

4. Follow the instructions provided to review the policy changes and provide your comments.

You have until **December 12** to provide your comments on this round of policies.

After the comment period has ended, we encourage you to return to the IITS Policy Review course in Blackboard and view a summary of the comments received and the updated drafts.

Policies Currently Available for Review

6103: Encryption	6116: Internet Privacy Policy
6105: Access to IT Resources and Systems (and Procedures)	6121: Student Access to the Academic Unix Server
6110: Common Area Printing	6128: Malware Protection
6114: Handling of Complaints Regarding Abusive Telephone Calls	6133: Remote Access

For more information you can also visit: www.longwood.edu/infosec/policyreview.htm



The Security Minute is a monthly publication aimed at raising awareness of information security related issues and concerns. If you have any questions regarding the newsletter, please contact Melissa Short at 434-395-2034 or shortmj@longwood.edu.