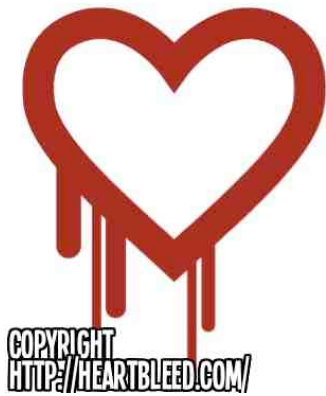


Companies still fixing Heartbleed bug

17th April, 2014



Many companies are trying to make their websites safe from a new Internet bug called Heartbleed. It is like a hole in the security of websites that hackers can use to get private information. The bug was in security software used by most Internet sites. Millions of sites used the

software after it became available on New Year's Eve, 2011. The bug was in it then but was only found last week. The big sites, like Google, Yahoo, YouTube, Amazon, etc., quickly made a patch to fix the bug. However, many small sites and thousands of apps are still at risk. It is still possible for hackers to access passwords and other confidential information. Hackers already broke into Canada's tax system and stole 900 passwords.

Internet security experts say more than a third of people who use the Android Jelly Bean OS are still waiting for a patch. Google has made all of its other services safe, such as Search, Gmail, YouTube and Play, but is working with its partners to create a fix for Jelly Bean. BlackBerry is also working to release a patch to its users later this week. Meanwhile, the man who accidentally created the bug spoke to reporters. He said: "I am responsible for the error because I wrote the code." He added: "Unfortunately, this mistake also slipped through the review process and therefore made its way into the released version." He said it was a "simple programming error".

Sources: UPI.com / PC Mag.com

Writing

The Internet is not a safe place. Discuss.

Chat

Talk about these words from the article.

companies / security / private information / bug / last week / patch / apps / password / Android / partners / accidentally / responsible / code / review / programming / error

True / False

- The Heartbleed bug is five years old. T / F
- Hackers can use the bug to get private information from websites. T / F
- Heartbleed first appeared on the Internet on New Year's Eve, 2011. T / F
- Hackers stole 9,000 passwords from Canada's tax system. T / F
- Over a third of Android users are waiting for a patch to fix the bug. T / F
- Google said the bug is not a danger to all of its online services. T / F
- BlackBerry has sent a patch to all of its users. T / F
- The man whose mistake created the bug said it was not a simple error. T / F

Synonym Match

- | | |
|-----------------|--------------------|
| 1. safe | a. specialists |
| 2. hole | b. repair |
| 3. information | c. private |
| 4. fix | d. secure |
| 5. confidential | e. unintentionally |
| 6. experts | f. details |
| 7. create | g. mistake |
| 8. accidentally | h. gap |
| 9. error | i. edition |
| 10. version | j. make |

Discussion – Student A

- Do you feel comfortable shopping online with your credit card?
- How important is the Internet in your life?
- Have you ever had a problem because you forgot a password?
- Will hackers always be able to get confidential information?
- Which sites are most at risk from hackers?
- How do you think the man who accidentally made this bug feels?
- What do you think of the name "Heartbleed"?
- What would you like to ask an Internet security expert?

Phrase Match

- | | |
|-----------------------------|--------------------|
| 1. trying to make their | a. to fix the bug |
| 2. private | b. software |
| 3. security | c. for the error |
| 4. a patch | d. of people |
| 5. thousands of apps are | e. websites safe |
| 6. more than a third | f. process |
| 7. the man who accidentally | g. error |
| 8. I am responsible | h. information |
| 9. the review | i. created the bug |
| 10. a simple programming | j. still at risk |

Discussion – Student B

- Do you worry about computer bugs?
- What do you do to protect your computer and information?
- Do you think it's easy for hackers to guess your passwords?
- How bad would it be if people got your passwords?
- Do you think the Internet will ever be totally safe?
- What would happen if all Internet security broke?
- Has your computer ever had a computer virus?
- Do you have a lot of confidential information online?

Spelling

- a hole in the etuscivr of websites
- get eritapv information
- it became aaablveil on New Year's Eve
- a hactp to fix the bug
- possible for hackers to csscae passwords
- other eafntdoicnil information
- eerxtps say more than a third...
- actnldlaeciy created the bug
- I am slnbosirepe
- the wereiv process
- the released reosvni
- a simple programming rrreo

Answers – Synonym Match

1. d	2. h	3. f	4. b	5. c
6. a	7. j	8. e	9. g	10. i

Role Play

Role A – Bank account details

You think your bank account details are the most confidential. Tell the others three reasons why. Tell them things that aren't so important about their things. Also, tell the others which is the least important of these (and why): e-mail password, Facebook password or private journal.

Role B – E-mail password

You think your e-mail password is the most confidential. Tell the others three reasons why. Tell them things that aren't so important about their things. Also, tell the others which is the least important of these (and why): bank account details, Facebook password or private journal.

Role C – Facebook password

You think your Facebook password is the most confidential. Tell the others three reasons why. Tell them things that aren't so important about their things. Also, tell the others which is the least important of these (and why): e-mail password, bank account details or private journal.

Role D – Private journal / diary

You think your private journal is the most confidential. Tell the others three reasons why. Tell them things that aren't so important about their things. Also, tell the others which is the least important of these (and why): e-mail password, Facebook password or bank account details.

Speaking – Confidential

Rank these

- | | |
|-----------------------|------------------------|
| • credit card details | • bank account details |
| • log-in password | • e-mail password |
| • journal / diary | • date of birth |
| • Facebook password | • gaming passwords |

Answers – True False

a	F	b	T	c	T	d	F	e	T	f	T	g	F	h	F
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Answers to Phrase Match and Spelling are in the text.