University of Central Florida

INFOSEC
Security Awareness Newsletter

UCF Information Security Office

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Top 3: Security News in March 2023

1. **LastPass Says Employee's Home Computer Was Hacked, Corporate Vault Taken**
Arstechnica.com

An unknown threat actor was able to steal valid credentials from a senior DevOps engineer and access the contents of a LastPass data vault.

2. **Dole, Food Giant, Was Hit by Ransomware and Temporarily Halts North American Production**
BitDefender.com

Earlier this month a cyber attack on food produce giant Dole caused the firm to shut down its production plants across North America for a period of time, and halt shipments to stores.

3. **Ransomware Gang Uses New Zero-Day to Steal Data on 1 Million Patients**
TechCrunch.com

Clop claims it mass-hacked 130 organizations, including a US hospital network.

DID YOU KNOW?

30%
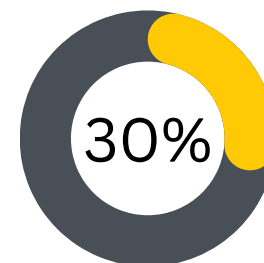
FTC says consumer fraud is up 30% on the previous year

Consumers reported losing more money to investment scams—more than $3.8 billion—than any other category in 2022, [Click to read more.](#)

48% **of all code bases analyzed by researchers contained high-risk vulnerabilities**

Almost all applications contain at least some open source code, and 48% of all code bases examined by Synopsys researchers contained high-risk vulnerabilities. [Click to read more.](#)

84%
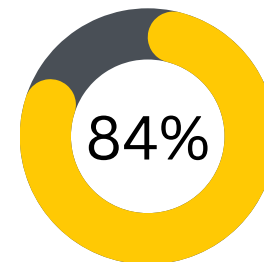
At least one open source vulnerability found in 84% of code bases

[Click to read more.](#)

March Article of the Month

Password Vaults

In today's digital age, passwords are ubiquitous, and it's increasingly difficult to remember all the different passwords for various online accounts. Password vaults have emerged as a solution by offering a secure and convenient way to store passwords.

A password vault is a digital safe that stores passwords, login credentials, and other sensitive information in an encrypted format. The vault is protected by a master password that only the user knows, and it can be stored on a remote server or locally on the user's device.

Password vaults offer several benefits:

- Convenience: With a password vault, you only need to remember one master password to access all your other passwords. This eliminates the need to memorize or write down multiple passwords for different accounts.
- Security: Password vaults use advanced encryption algorithms to protect your data, making it virtually impossible for hackers to access your information. Additionally, many password vaults use two-factor authentication to provide an additional layer of security.
- Accessibility: Password vaults can be accessed from any device with an internet connection, making it easy to access your passwords from anywhere.
- Organization: Password vaults often provide a way to organize and categorize your passwords, making it easier to find the password you need for a particular account.
- Auto-fill: Many password vaults can automatically fill in your login credentials when you visit a website, saving you time and effort.
- Password generation: Some password vaults include a password generator that can create strong, random passwords for you, which are more difficult for hackers to guess.

However, it's important to note that while password vaults are generally safe, they are not infallible. Users should choose a reputable password vault provider, use a strong master password, enable two-factor authentication, and regularly update the master password.

In conclusion, password vaults offer a secure and convenient way to manage passwords in today's digital age. With their ease of use, security features, and accessibility, password vaults can help users stay organized and protected against password-related security breaches.

In Other (Security) News...

» **News Corp Revealed That Attackers Remained on Its Network for Two Years**
The attackers compromised one of the company systems and had access to the emails and documents of some employees, Click to read more.

» **Multiple Vulnerabilities in Google Chrome Could Allow for Arbitrary Code Execution**
Successful exploitation of the most severe of these vulnerabilities could allow for arbitrary code execution in the context of the logged on user, Click to read more.

» **Samsung Message Guard Protects Mobile Devices Against Zero-Click Exploits**
It's not uncommon for sophisticated threat actors to target users with exploits that can be triggered without any interaction from the victim, Click to read more.

Security Alerts

» **Sensitive US Military Emails Spill Online**
A government cloud email server was connected to the internet without a password, Click to read more.

» **Hackers Steal Activision Games and Employee Data**
Unknown hackers stole internal data from the games giant Activision, Click to read more.