

Security Newsletter 18 Oct 2021

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The White House's Plan to Stop Government Employees From Getting Phished



The White House has an ambitious plan to greatly reduce the risk of phishing to the U.S. government. Part of that is having agencies phase out the use of SMS and app-based multifactor authentication, and replace them with phishing-resistant methods such as hardware security keys.

The move will be a significant task for the federal government, an Office of Management and Budget (OMB) official told Motherboard in a phone call.

The OMB is part of the White House, and its phishing mitigations are part of a broader push from the OMB toward "zero trust" architectures, in which organizations protect themselves by not trusting any particular system, network, or service. Instead, zero trust systems verify any system, or person, trying to access the system.

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- · Governor Wants to Prosecute Journalist Who Clicked 'View Source' on Government Site
- "Hacker X"-the American who built a pro-Trump fake news empire-unmasks himself
- Britney Spears Was Spied On Through iCloud. Other Women Recount Similar Horrors
- US Treasury said it tied \$5.2 billion in BTC transactions to ransomware payments
- · REvil gang shuts down for the second time after its Tor servers were hacked
- · How Coinbase Phishers Steal One-Time Passwords
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- EU legislation introduced to ban anonymous domain registration
- · Study reveals Android phones constantly snoop on their users
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#Breach Log

- · Verizon's Visible cell customers hacked, leading to unauthorized purchases
- BRIEF Cyberattack hits Meliá, one of the largest hotel chains in the world
- · BRIEF Acer confirms second security breach this year
- Sinclair TV stations crippled by weekend ransomware attack
- · Accenture confirms data breach after August ransomware attack
- US government discloses more ransomware attacks on water plants
- DocuSign phishing campaign targets low-ranking employees
- Acer confirms breach of after-sales service systems in India
- · Cyberattack shuts down Ecuador's largest bank, Banco Pichincha
- · Olympus US systems hit by cyberattack

#Patch Time!

- Patch Tuesday, October 2021 Edition
- A Look At Some Real-World Obfuscation Techniques
- Microsoft asks admins to patch PowerShell to fix WDAC bypass
- Emergency Apple iOS 15.0.2 update fixes zero-day used in attacks
- · Critical Remote Hacking Flaws Disclosed in Linphone and MicroSIP Softphones

#Tech and #Tools

- Techniques for String Decryption in macOS Malware with Radare2
- The Challenges of Fuzzing 5G Protocols
- Cracking Random Number Generators using Machine Learning Part 1: xorshift128
- Cracking Random Number Generators using Machine Learning Part 2 Mersenne Twister
- · Azure Privilege Escalation via Service Principal Abuse
- · The ad blocker that injects ads
- · Hacking YouTube With MP4
- · LOphtCrack is Now Open Source
- Building a POC for CVE-2021-40438

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