

# CYBERSECURITY AWARENESS MONTH

**SPECIAL EDITION:** Cybersecurity & Information Systems Digest // October 11, 2022



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## NOTABLE TECHNICAL INQUIRY

**How do end-users perceive their own password security practices, and how does this behavior differ from acceptable standards?**

Even though technical solutions for security problems are widespread, there are no adequate security measures against precarious user behavior. Even if hashing and encrypting are used correctly in masking the passwords, attackers can bypass these strong points by going for the weakest link. Most likely, this will happen through sharing a password, using an already leaked password, or creating a feasibly guessable password (Olmstead & Smith, 2017). Furthermore, people seem to feel safe in cyberspace, even if they engage in risky behaviors (Vozmediano et al., 2013).

[READ MORE](#)



## SNEAK PEEK

**UPCOMING WEBINAR:**

*Users Are Not Stupid: Eight Cybersecurity Pitfalls Overturned*

**DATE:**

October 18, 2022

**TIME:**

12:00 PM

**PRESENTED BY:**

Julie Haney

**HOST:**

CSIAC



## VOICE FROM THE COMMUNITY

**Michael David**  
Ph.D.

Dr. David has served on the faculty of the National Intelligence University's (NIU's) School of Science and Technology Intelligence since February 2014. He teaches courses on cyber intelligence and information operations. He has a Ph.D. from Kyushu University, an M.S. from the University of Southern California, and a B.S. in industrial engineering from Lehigh University. Dr. David's research emphasis is on cyber-physical systems, with a focus on hardware and software supply chain security.

## ARE YOU A SME?

If you are a contributing member of the information systems community and are willing to help others with your expertise, you are an SME!

Join our team today!

**BECOME A SUBJECT  
MATTER EXPERT**



## HIGHLIGHT

### October Is Cybersecurity Awareness Month

In this special issue of the CSIAC Digest, we begin by highlighting Cybersecurity Awareness Month activities across the community.

Cybersecurity Awareness Month, held every October, is a collaboration between government and private industry to raise awareness about digital security and empower everyone to protect their personal data from digital forms of crime. The month is dedicated to creating resources and communications for organizations to talk to their employees and customers about staying safe online. [LEARN MORE](#)

## FEATURED NEWS

### NSA Announces Date of the National Cryptologic Museum Grand Opening

FORT MEADE, Md. — The National Security Agency (NSA) is pleased to announce the Grand Opening of the National Cryptologic Museum. As NSA's principal gateway to the public, the newly renovated museum will provide a unique opportunity to engage with cryptologic history in fresh and innovative ways - transporting visitors on a journey from the ancient world to present day exploring the dynamic role of cryptology in shaping our history.

[READ MORE](#)

Image: NSA





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## WEBINARS

### Users Are Not Stupid: Eight Cybersecurity Pitfalls Overturned

*Presented:* October 18, 2022 12:00 PM - 1:00 PM

*Presenter:* Julie Haney

*Host:* CSIAC

Whether implementing security policy or developing products, it is critical for security teams to consider the human element. Yet they often fall victim to misconceptions and pitfalls that undermine users' ability to reach their full security potential. This session will share real-world examples to help attendees learn to recognize and overcome these pitfalls to improve security through user empowerment. [LEARN MORE](#)



#### New Guidelines for Enhancing Software Supply Chain Security Under EO 14028

November 16, 2022 12:00 PM



#### Simulation-Based Testing for DoD Software

December 7, 2022 12:00 PM

## EVENTS

### ISC<sup>2</sup> Security Congress

October 10–12, 2022

### The Official Cyber Security Summit

November 18, 2022

### I/ITSEC 2022

November 28–December 2, 2022

### DoDIIS Worldwide

December 12–15, 2022

### Want your event listed here?

Email [contact@csiac.org](mailto:contact@csiac.org), to share your event.

## DID YOU MISS OUR LAST WEBINAR?

"Mission-Critical Control System Cybersecurity"

[WATCH NOW!](#)

[or download the slides](#)

The confidentiality, integrity, and availability (CIA) triad represents the three pillars of information security.

For this special Cybersecurity Awareness Month issue, we tagged each article with the corresponding pillar.

-  Confidentiality
-  Integrity
-  Availability

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## RECENT NEWS



**Iranian Islamic Revolutionary Guard Corps-Affiliated Cyber Actors Exploiting Vulnerabilities for Data Extortion and Disk Encryption for Ransom Operations**

NSA | Confidentiality 



**Control System Defense: Know the Opponent**

NSA | Availability 



**CISA Directs Federal Agencies to Improve Asset Visibility and Vulnerability Detection**

CISA | Integrity 



**NIST IoT Cybersecurity Program Releases Two New Documents**

NIST | Availability 



**Announcement of Proposal to Convert FIPS 198-1, "The Keyed-Hash Message Authentication Code (HMAC)," to a NIST Special Publication**

NIST | Confidentiality 



**Cryptocurrency Investment Schemes**

Internet Crime Compliant Center | Integrity 