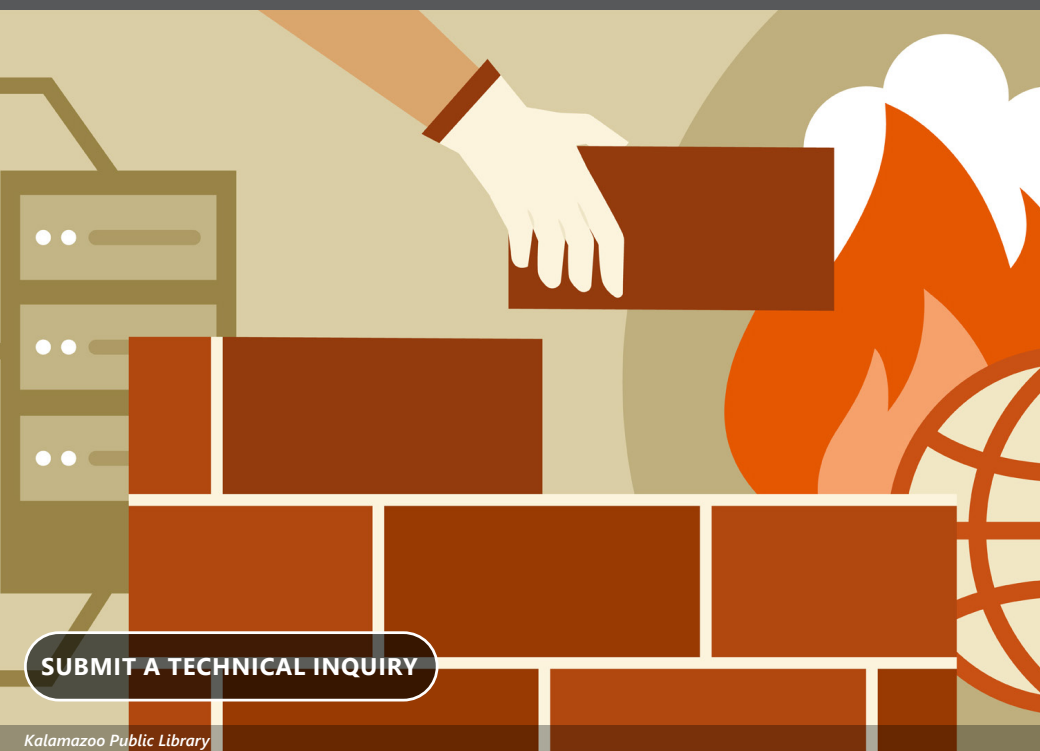


# CYBERSECURITY & Information Systems Digest

The Latest From the Cybersecurity & Information Systems Information Analysis Center // December 14, 2021



[SUBMIT A TECHNICAL INQUIRY](#)

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## NOTABLE TECHNICAL INQUIRY

### Which firewalls are currently available commercially?

This report provides an index of firewall tools as of May 2, 2011. It summarizes pertinent information and provides users a brief description of available firewall tools and contact information. The written descriptions are based solely on vendors' claims and intended only to highlight the capabilities and features of over 60 firewall products. Sources of available product evaluations are also identified.

[READ MORE](#)



## SNEAK PEEK

**UPCOMING WEBINAR:**  
*Physical Cybersecurity: Using One-Way Data Diodes to Secure Asset Monitoring*

**DATE:**  
January 26, 2022

**TIME:**  
12:00 PM

**PRESENTED BY:**  
Tapan Patel, Colin Dunn

**HOST:**  
CSIAC



## VOICE FROM THE COMMUNITY

### Chadi Saliby

*Subject Matter Expert at CompTIA & Adjunct Professor at Deakin University Centre for Cyber Security Research and Innovation*

Chadi graduated from Centre International Des Sciences Technique in business computer and programming and continued his MBA Magister en Business et Administration at Sorbonne. He also acquired various cybersecurity industry certificates from (ISC)<sup>2</sup>, Microsoft, Cisco, HP, and CompTIA. Chadi worked in one of the big four banks in Australia's financial sector as a cybersecurity expert and on the front line of one of the biggest and more successful cybersecurity organizations in their 5-star incident response and security operations center team.

**BECOME A SUBJECT MATTER EXPERT**



U.S. Department of Defense

## HIGHLIGHT

### DoD's Largest Multinational Cyber Exercise Focuses on Collective Defense

U.S. Cyber Command's Cyber Flag 21-1 exercise, its largest multinational cyber exercise to date, bolstered the defensive skills of more than 200 cyber operators from 23 countries at Joint Base Suffolk, Virginia, on November 15-20.

Cyber Flag 21-1 directly supported national objectives of strengthening the international community of defensive cyber operation and sought to improve the capabilities of the United States and its allies to identify, synchronize, and respond to malicious cyberspace activities. [LEARN MORE](#)

## FEATURED NEWS

### Enduring Security Framework Release Part II of Security Guidance for 5G Cloud Infrastructures

As part of the Enduring Security Framework (ESF), the National Security Agency (NSA) and the Cybersecurity and Infrastructure Security Agency (CISA) published guidance today to mitigate cyber threats within the 5G cloud infrastructure. Securely Isolate Network Resources examines threats to the 5G container-centric or hybrid container/virtual network, also known as Pods.

The guidance provides several aspects of pod security, including limiting permissions on deployed containers, avoiding resource contention and denial of service attacks, and implementing real-time threat detection. [READ MORE](#)

Image: CISA





Shutterstock

## WEBINARS

### Physical Cybersecurity: Using One-Way Data Diodes to Secure Asset Monitoring

*Presented:* January 26, 2022 12:00 PM - 1:00 PM

*Presenter:* Tapan Patel, Colin Dunn

*Host:* CSIAC

A new class of technology promises to combine the security of an “air gap” with the connectivity needed to efficiently manage both modern and legacy operational technology (OT) systems. In September 2021, the Department of Homeland Security (DHS) Critical Infrastructure Security Agency (CISA) recommended the use of one-way communication diodes to protect control systems in its release of “Critical Infrastructure Control Systems Cybersecurity Performance Goals and Objectives.” The technology category has been around for a while, protecting highly critical assets like nuclear power plants, but data diodes have seen dramatic advancements in capability and cost over the past few years.

A recent project, under the DoD Environmental Security Technology Certification Program (ESTCP), evaluated whether next-generation data diodes provide a secure, practical, low-cost way to get data out of OT assets and into the hands of operators. Led by Fend Incorporated and with support from the U.S. Army Corps of Engineers (USACE), the project evaluated whether this new class of U.S.-made hardware can provide enhanced operational intelligence and security. This webinar will describe the project, the results, and several use cases for industrial data diodes. **LEARN MORE**

## EVENTS

### MORS Emerging Techniques Forum

December 7-9, 2021

### SANS Cyber Defense Initiative

December 13-18, 2021

### Optical Architectures for Displays and Sensing in Augmented, Virtual, and Mixed Reality (AR, VR, MR)

January 23-25, 2022

### RSA Conference

February 7-10, 2022

### Insider Threat Day at JHU/APL

February 23, 2022

### Want your event listed here?

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




-  Cybersecurity
-  Knowledge Management & Information Sharing
-  Modeling & Simulation
-  Software Data & Analysis

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## RECENT NEWS




**EXECUTIVE ORDER  
ON IMPROVING THE NATION'S  
CYBERSECURITY**

CISA


**New Federal Government  
Cybersecurity Incident and  
Vulnerability Response  
Playbooks**

Cybersecurity 



U.S. Department of Defense

**DoD's Chief Data Officer  
Encourages Students to Pursue  
STEM Careers**

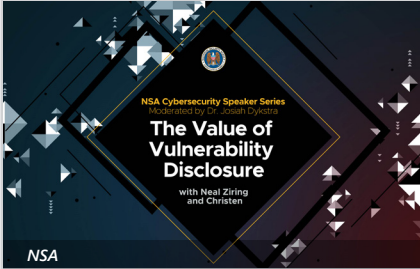
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U.S. Department of Defense

**Applied Research Laboratory  
for Intelligence and Security  
Launches at University of  
Maryland**

Cybersecurity 




NSA Cybersecurity Speaker Series  
Moderated by Dr. Joseph D'yastra

**The Value of  
Vulnerability  
Disclosure**

with Neal Ziring  
and Christen

NSA

**Cybersecurity Speaker Series:  
The Value of Vulnerability  
Disclosure**

Cybersecurity 



NIST

**Department of Commerce  
Establishes Industrial Advisory  
Committee for Microelectronics**

Cybersecurity 



U.S. Department of Defense

**Partners in Cyberspace: United  
States and United Kingdom  
Reaffirm Commitment**

Cybersecurity 