DoD cyber infrastructure moving steadily toward full operational capability

MARIANA IRIARTE, TECHNOLOGY EDITOR

What constitutes an act of war in cyberspace? Russia, North Korea, China, and Iran - all made headlines in the past year by conducting malicious acts against the United States. So far, however, their actions do not fall under the category that would constitute an act of war.

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Toward safety and security in FACE components: High assurance with portability

DR. BENJAMIN BROSGOL & DR. DUDREY SMITH, ADACORE

The FACE [Future Airborne Capability Environment] approach is a joint government-industry software standard and business strategy for acquisition of affordable software systems that promotes innovation and rapid integration of portable capabilities across global defense programs.

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Army-funded research discovers way to block cyber intrusions

MARIANA IRIARTE, TECHNOLOGY EDITOR

University of California in Los Angles (UCLA) researchers found a way to block cyber intrusions on sensitive communication networks. The U.S. Army-funded research focuses on the Majorana particles, which could become critical building blocks for quantum computers because their unusual properties...

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Air Force selects five firms for $950 million cyber contract
LISA DAIGLE, ASSISTANT MANAGING EDITOR

The U.S. Air Force has chosen five small businesses to participate in a potential five-year, $950 million contract vehicle to research and develop cyber technology platforms.

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ARL scientists demo shows more options in SWaP-constrained environments
MARIANA IRIARTE, TECHNOLOGY EDITOR

ARL scientists are leveraging emerging brain-like computer architectures for an age-old number-theoretic problem known as integer factorization. The resulting factor is that Army scientists are opening up a new solution space that moves away from traditional computing architectures...

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DISA taps 20 companies for ENCORE III IT solutions program
MARIANA IRIARTE, TECHNOLOGY EDITOR

DISA officials selected 20 companies under the ENCORE III information technology (IT) solutions program. The indefinite delivery/indefinite quantity (ID/IQ) contract has a ceiling value of $17.5 billion where companies will compete for task orders to provide a full range of IT solutions and services.

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Connected naval gun tests successfully for protection from cybersabotage
Defense and security company Leonardo announced that its OTO 76/62 Super Rapid (SR) naval gun has been successfully run through an extensive vulnerability assessment campaign, thereby ensuring that the gun will be resilient to cyberattacks in the future.

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DARPA looks to address zero-day vulnerabilities in complex software ecosystems

Officials at DARPA’s Information Innovation Office (I2O) launched the Computers and Humans Exploring Software Security (CHESS) program, which aims to develop capabilities to discover and address zero-day vulnerabilities at a speed and scale...

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DoD awards five-year cybersecurity training contract with Chiron Technology Services

National security contractor Kratos Defense and Security Solutions was awarded a full and open Task Order (TO) from a Department of Defense Command to modernize and expand a closed...
USAF contracts with KBRWyle for support on cyberthreats, air-traffic safety

LISA DAIGLE, ASSISTANT MANAGING EDITOR

Professional services/technology firm KBR Inc. has won a $34.1 million task order from the U.S. Air Force (USAF) to provide analytical and engineering weapons systems support to assist the USAF with air-traffic safety and cyberthreats.

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MacB to support Big Data Platform capabilities for U.S. Cyber Command

MARIANA IRIARTE, TECHNOLOGY EDITOR

U.S Cyber Command (USCYBERCOM) officials tapped Enlighten IT Consulting (EITC), a MacAulay-Brown, Inc. (MacB) company, to deliver sustainment support for Big Data Platform (BDP) capabilities and engineering services for the Cyber National Mission Force (CNMF).

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U.S. Army Commercial Based Technology Analysis contract won by CACI

MARIANA IRIARTE, TECHNOLOGY EDITOR

General Services Administration's (GSA) Federal Systems Integration and Management Center officials tapped CACI International Inc. for a task order that has a $41.5 million potential value providing engineering support services for the U.S. Army...

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