# SPACE CYBERSECURITY WEEKLY WATCH

Week 36

August 29 – September 4, 2023

Articles, company's communications, whitepapers, academic works, podcast, and sources not to be missed on the topic of space cybersecurity over a specified timeframe.



### **Overview**

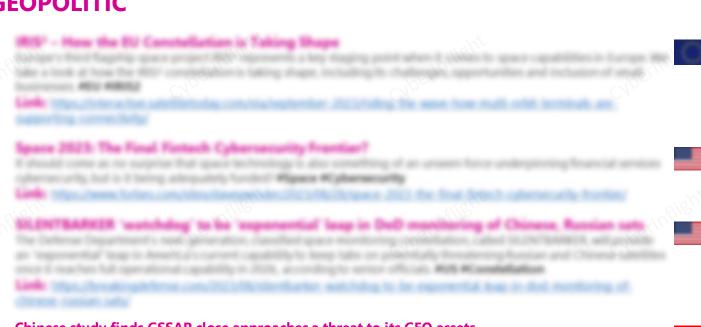
Timeframe: Weekly

# of articles identified: 28

Est. time to read: 55 minutes

This week, China announced that it had noticed an American satellite approaching one of its satellites in GEO. The US also announced its new classified space monitoring constellation, which will enable to keep tabs on potentially threatening Russian and Chinese satellites, once it reaches full operational capability in 2026. On the market front, Raft won a contract to develop the software factory for the US Air Force. Also, Orion Space Solution has set up a consortium for Space Quantum Innovation, to enable better collaboration between the U.S. government and its partners, in particular industry and academic actors. This week, an threat actor linked to China exploited a recently disclosed zero-day flaw in Barracuda Networks Email Security Gateway to target governmental, military, and telecom entities. The 8Base ransomware group claimed the Skyroot Aerospace ransomware attack. In regulatory news, NGA, NRO and USSPACECOM plan for threats to commercial satellites. On the technology front, SpiderOak demonstrated zerotrust software on ISS. Finally, several conferences and webinars are scheduled for September 2023, including the 6th Quantum Technology Conference 2023.

### **GEOPOLITIC**





Chinese researchers have noted close approaches by U.S. GSSAP satellites to Chinese spacecraft in the geostationary belt, describing the activities as threats. #China #US

Link: https://spacenews.com/chinese-study-finds-gssap-close-approaches-a-threat-to-its-geo-assets/



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### Software factory for Air Force Cyber Operations to be developed by Raft

Raft will develop the software factory to work across multiple cloud environments at various classification levels, offeringa hybrid approach for software and data applications, the company says, adding that they will use the Department of Defense's (DoD) existing Platform One (P1) as a technical baseline. The software factory will also serve as the Joint Development Environment for the JCWA Joint Cyber Warfighting Architecture, the statement reads. **#USAirForce #Raft Link:** <a href="https://militaryembedded.com/cyber/cybersecurity/software-factory-for-air-force-cyber-operations-to-bedeveloped-by-raft">https://militaryembedded.com/cyber/cybersecurity/software-factory-for-air-force-cyber-operations-to-bedeveloped-by-raft</a>





#### 8Base Claims Skyroot Aerospace Ransomware Attack

The 8Base ransomware group has claimed yet antithetic ransomware onslaught palmy India. The extremist has taken intent astatine the pioneering Indian privately held abstraction motorboat enactment startup, 'Skyroot Aerospace.'

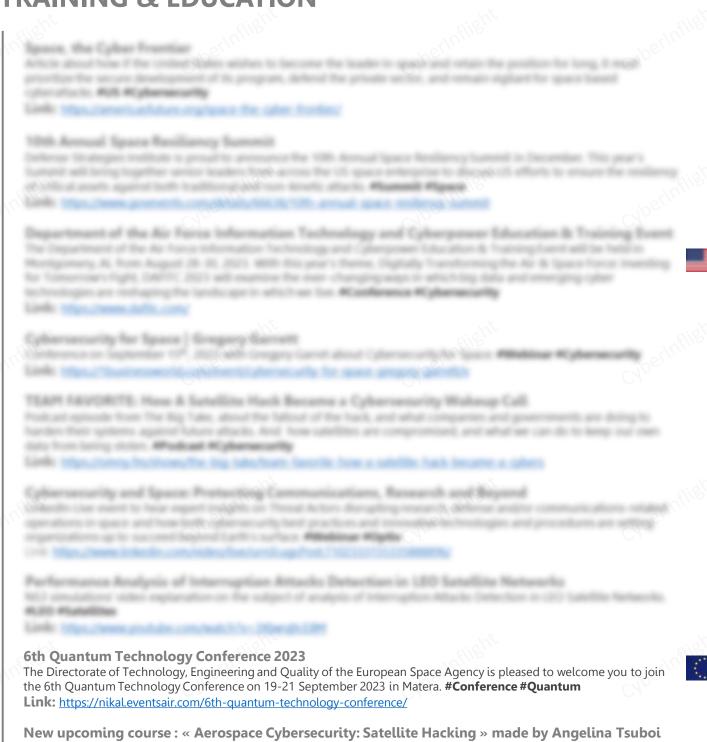


Link: https://techfishnews.com/8base-claims-skyroot-aerospace-ransomware-attack-172064.html

### **REGULATION**



TRAINING & EDUCATION





## New upcoming course: « Aerospace Cybersecurity: Satellite Hacking » made by Angelina Tsuboi in collaboration with PenTestMag

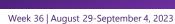
This comprehensive course will delved into the captivating world of satellite hacking while emphasizing strategies to safeguard these critical systems. Key topics will cover included satellite communication basics, tracking and identification methods, vulnerabilities and threats, signal analysis, and protocol exploitation. This course not only provided insights into hacking techniques but also stressed the significance of protecting satellites from potential attacks.

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#### **#Satellite #Cybersecurity**

**Link:** https://www.spacesecurity.info/new-upcoming-course-aerospace-cybersecurity-satellite-hacking-made-by-angelina-tsuboi-in-collaboration-with-pentestmag/

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### **TECHNOLOGY**

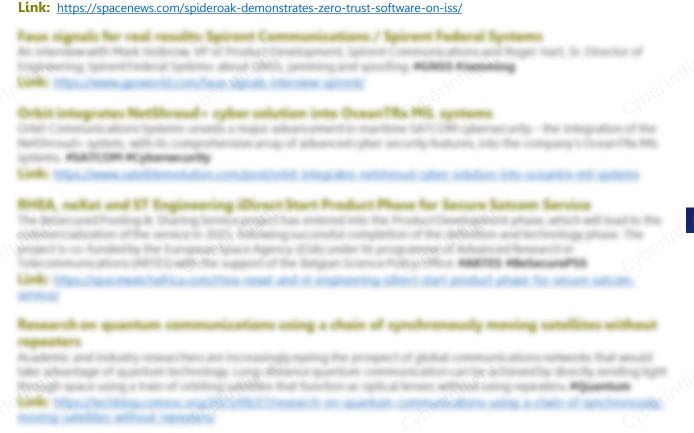




### SpiderOak demonstrates zero-trust software on ISS

SpiderOak announced the successful demonstration Aug 29 of OrbitSecure zero-trust cybersecurity software on the International Space Station. Working with Axiom Space and an Amazon Web Services edge computing device, SpiderOak securely transmitted operations traffic between ground networks and low-Earth orbit. Data sent to ISS was transmitted through NASA's Tracking and Data Relay constellation. #SpiderOak #Cybersecurity





CyberInflight is a Market Intelligence company dedicated to the topic of Space Cybersecurity. The company provides strategic market and research reports, bespoke consulting, market watch & OSINT researches and cybersecurity awareness training.

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