

SPACE CYBERSECURITY WEEKLY WATCH

Week 28

July 4 - 10, 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.



★ IMPORTANT NEWS

Overview

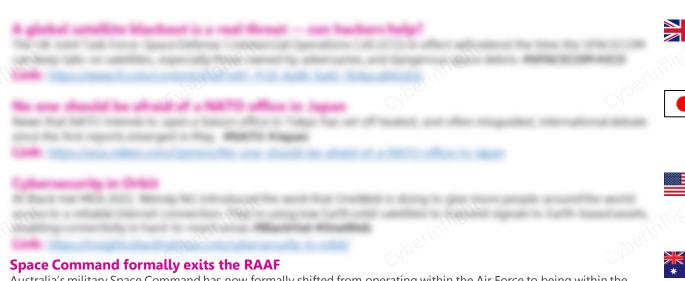
Timeframe: Weekly

of articles identified: 21

Est. time to read: 35 minutes

This week saw many developments regarding space cybersecurity in Australia, with the announcement of the Space Cyber Forum in Adelaide, and the Australian Space Command exiting from the RAAF and to better promote space cybersecurity. Space cybersecurity is still a relatively undeveloped topic in Australia. Most initiatives are still confined to universities. Also, a few quantum projects related to satellite communication confirm a long-term trend toward this technology. Secure-IC announced a partnership with HENSOLDT, and Deutsche Telekom stated its will to develop a quantum communication network. Regarding the threat intel landscape, the PowerShell malware is targeting the aerospace sector. Finally, Syracuse 4B was launched on the last Ariane 5 rocket. This military communication satellite will come with the latest improvements regarding cybersecurity and encryption capabilities.

GEOPOLITIC





Australia's military Space Command has now formally shifted from operating within the Air Force to being within the ADF's Joint Capabilities Group. "Our top priority is building and sustaining a trained Defence space workforce with defined career pathways. As our newest domains, the space and cyber domains have similar workforce challenges with new and unique career pathways." **#Australia #SpaceCommand**

Link: https://www.spaceconnectonline.com.au/industry/5935-space-command-formally-exits-the-raaf#:~:text=Australia's%20military%20Space%20Command%20has,the%20ADF's%20Joint%20Capabilities%20Group. &text=The%20move%20%E2%80%94%20revealed%20earlier%20this,see%20the%20newly%20formed%20No.

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MARKET & COMPETITION



Secure-IC partners with HENSOLDT to drive the advancement of post-quantum cryptography



Secure-IC is partnering with HENSOLDT, leading defence and security electronics company, as well as XLIM and TELECOM PARIS research laboratories, to advance the development of post-quantum cryptography. Within the framework of this programme, HENSOLDT France intends to produce new, innovative post-quantum encryption technology under the X7-PQC brand name. #SECURE-IC #PQC

Link: https://www.secure-ic.com/news-and-events/news/secure-ic-partners-with-hensoldt-to-drive-the-advancement-of-post-quantum-cryptography/

THREAT INTELLIGENCE



Briefing 10: Researchers Discover New PowerShell Malware Targeting Aerospace Sector



A new malware strain was discovered by the threat research firm Adlumin with supposed implications for the U.S. aerospace sector. The malicious script, dubbed PowerDrop, was "implanted in the network" of an unnamed U.S. aerospace defense contractor.

#PowerShell #SPACEISAC







Attacks on energy firms' satellite receivers admitted by SiegedSec hacking group



Energy industry firms Shell, Helix Energy, Halliburton, and Oceaneering had their satellite receivers claimed to be compromised by the SiegedSec hacking group after conducting a "delicious supply chain attack" against satellite supplier ITC Global, CyberScoop reports. **#SatelliteReceivers #SiegedSec**

Link: https://www.scmagazine.com/brief/critical-infrastructure/attacks-on-energy-firms-satellite-receivers-admitted-by-siegedsec-hacking-group

TECHNOLOGY



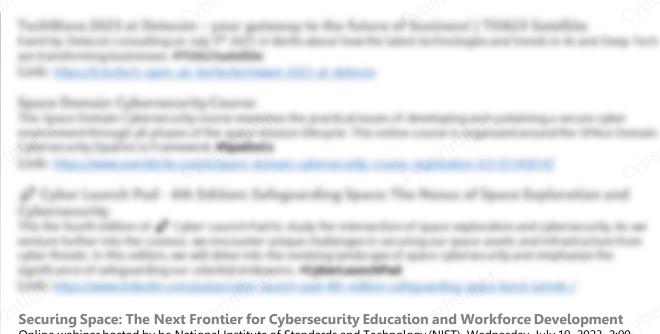


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TECHNOLOGY



TRAINING & EDUCATION





Link: https://www.oodaloop.com/archive/2023/07/06/securing-space-the-next-frontier-for-cybersecurity-education-and-workforce-development/



