WEEKLY BULLETIN
1-5 NOVEMBER 2023

Quote of the week

"Cybersecurity isn't just about protecting data; it's about protecting the future of innovation, the integrity of our systems and the trust of a digital world."

Content:

Cyber Security for the Energy Sector

"In the digital age, cybersecurity is not a luxury; it's a necessity. It's not just about safeguarding data, but also ensuring the uninterrupted flow of power, which is the backbone of our modern civilization."

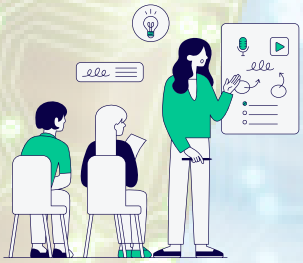
In the rapidly evolving digital world, the energy sector has become a key player in technology.
Energy production, transmission and distribution are increasingly dependent on digital systems, making the sector an attractive target for cyber threats.

The consequences of a successful cyber attack can be devastating, causing not only power outages, but also potential disruptions to other infrastructures: such as healthcare, finance and transportation.

Security advice for the energy sector

Network security:

Protect devices through firewalls as well as intrusion detection systems and access controls to prevent unauthorized access.



Employee training:

Ensure all staff members are aware of cyber security best practices and understand potential risks.

Data encryption:

Secure sensitive data with encryption to prevent unauthorized access or data breaches.

Continuous monitoring:

Stay alert to network traffic to detect and respond to anomalies immediately.

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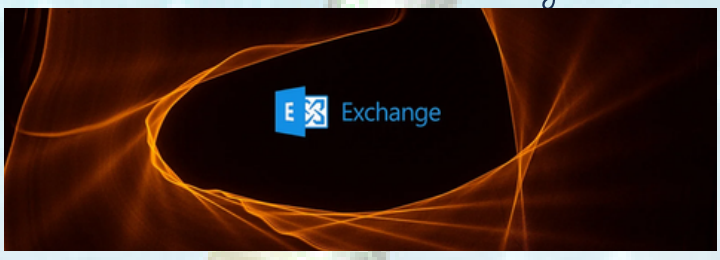

New zero-day vulnerabilities in Microsoft Exchange allow data theft attack

Microsoft Exchange is affected by four zero-day vulnerabilities that attackers can exploit to execute arbitrary code or reveal sensitive information.

It is suggested that the only mitigation strategy is to limit interaction with Exchange applications. However, this may not be accepted by many businesses and organizations.

It is also advisable to apply multi-factor authentication to prevent cyber attackers from accessing Exchange instances even when account credentials have been compromised.

Read more

Okta - data breach

Identity and access management company Okta announced that its latest data breach affected 134 of its 18,400 customers.
Okta officially disclosed the incident on October 20, stating that the threat actor used access to a stolen credential to access the support management system

Okta took numerous measures to prevent similar incidents in the future, including deactivating the compromised service account, establishing additional disclosure and monitoring rules for the customer, and many other measures.

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Ransomware attacks break records during 2023

Ransomware attacks continue at a record pace, with the global frequency of attacks in the third quarter of 2023 up 11% over the second quarter and 95% year-over-year.

The number of victims of ransomware attacks in 2023 has already exceeded that of two years ago, and if the pace of attacks continues to increase, 2023 will be the first year with more than 4,000 ransomware victims.

Read more

PATCHING ALERT

Cisco - patching alert

Cisco has recently released updates related to 27 vulnerabilities.
As part of its semi-annual publication, the technology company published a total of 22 security advisories describing vulnerabilities rated as critical and medium.

The tech giant announced that so far they are not aware of any attacks targeting any of the addressed vulnerabilities.

Read more

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