TOP 10 CYBER ATTACKS OF 2024

1 PROBLEM PASSWORDS

Passwords should be complex and at least 12 characters in length. Change regularly and encourage use of a password manager. Avoid re-use and change defaults prior to deployment.

2 PHISH BITES

Phishing, tailgating, and direct interaction are potent social engineering techniques. To foster a security-centric corporate culture, prioritize training, education, and facilitation.

3 OUT OF DATE UPDATES

Unpatched and misconfigured systems pose risks. Implement vulnerability management practices like automated scanning, patching, and configuration management to reduce the attack surface.

4 NETWORK SEGMENTATION

Malicious actors can move laterally, accessing high-value assets with ease. To address this, consider segmenting network resources based on location, criticality, role, or other relevant boundaries.

5 EXCESS ACCESS

Users and resources should have only the minimum necessary access to perform their roles. Without adhering to this principle, more opportunities exist for hackers to compromise your network.

6 DISMAL DETECTION

While you can't prevent every threat, vigilant monitoring allows swift identification of security breaches. Rapid response helps minimize damage.

7 WIRELESS WEAKNESS

Attackers exploit wireless networks without physical connections. They leverage pre-shared WPA keys, weak keys, segmentation flaws, WPS, and vulnerable protocols to infiltrate networks remotely.

8 MOBILE MISMANAGEMENT

Balancing accessibility and security is crucial. Enforce compliance (including encryption), enable remote wipe, and stay vigilant against evolving threats.

9 DEFENSELESS DATA

Classify data by sensitivity and limit access to authorized users. Data access monitoring and data loss prevention (DLP) measures enhance visibility and inform internal policies.

10 PROTOCOL PROBLEMS

Organizations often cling to insecure protocols like Telnet, FTP, VNC, and RSYNC. These outdated channels inadvertently spill sensitive information, including credentials, right into the network traffic.

CHEAT SHEET

Leveraging our insights from extensive penetration tests, Raxis presents the top 10 cyber attacks observed thus far in 2024.

Learn more about our solutions at https://raxis.com

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