INTEGRAL UNIVERSITY
LUCKNOW - INDIA
A+ ACCREDITED BY NAAC
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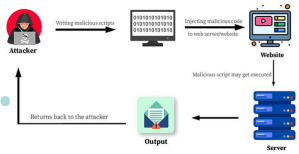
MAY 2025

CYBER BULLETIN

Digital Espionage & Surveillance

1. Pegasus 2.0 Spyware



REMOTE CODE EXECUTION

TARGET: Politicians, journalists and dissidents in Europe and North Africa.

IMPACT: Zero-click iOS exploit allows full device control calls, messages, microphone and camera compromised. Used in covert political surveillance operations.

MITIGATION: Use Lockdown Mode on iPhones, update iOS to latest version & monitor network traffic for anomalies.

2. GravityRAT Malware

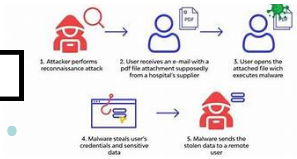
TROJANIZED ANDROID

TARGET: Android users in South Asia.

IMPACT: Disguised as encrypted messengers, the spyware steals call logs, GPS data and files. Links to Pakistan-based threat actors and suspected state involvement.

MITIGATION: Avoid sideloading APKs, install only from trusted sources & review app permissions.

3. Chinese APTs Exploit LinkedIn



SOCIAL ENGINEERING

TARGET: Defense contractors, security analysts & government employees.

IMPACT: Fake LinkedIn profiles used to establish trust and extract sensitive info through casual conversations and document sharing.

MITIGATION: Verify unknown connections, educate employees on social media threats and monitor data leaks.

4. FinSpy Backdoors

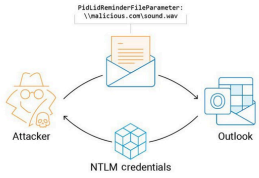
iMESSAGE EXPLOIT VECTOR

TARGET: iOS users involved in legal, political and media sectors.

IMPACT: Vulnerability (patched in March 2025) allowed remote takeover through a single iMessag, part of a larger spyware suite.

MITIGATION: Update to latest iOS, enable Lockdown Mode and disable message previews.

5. Zero-Click iMessage Spyware



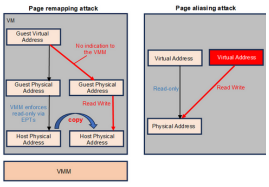
ZERO-CLICK EXPLOIT

TARGET: Human rights activists & NGO workers in MENA region.

IMPACT: Keylogging, remote surveillance and webcam access. It remains hidden using rootkit-level stealth.

MITIGATION: Use secure operating systems (like Tails), enable BIOS/UEFI security and detect abnormal behavior via logs.

6. NSO Spyware Resurfaces



ALIAS-BASED LICENSING

TARGET: Foreign journalists and opposition leaders.

IMPACT: Leaked documents reveal new spyware being licensed under aliases to avoid restrictions. Reignites debate on surveillance ethics.

MITIGATION: Use encrypted, ephemeral messaging apps, rotate devices regularly & avoid Wi-Fi in sensitive areas.

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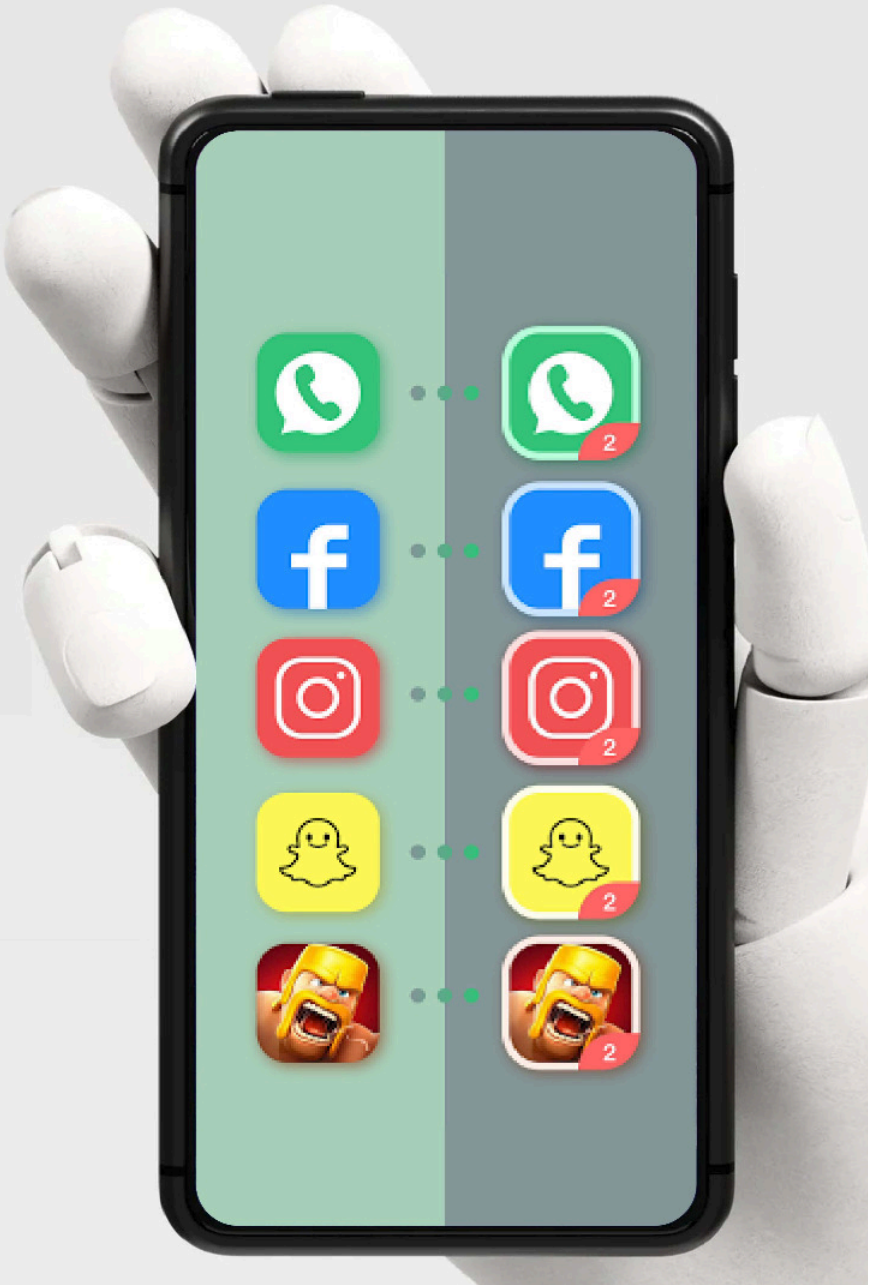
CYBER SECURITY
POSTER OF THE DAY

Avoid downloading cloned versions of popular apps they often contain malware



#AppClones
#MalwareAlert

CYBER SAKCHHARTA ABHIYAN
UNDER THE AEGIS OF
CYBER AWARENESS CLUB
DEPARTMENT OF COMPUTER APPLICATION

FACULTY COORDINATORS
MR. SHUBHAM KUMAR | MR. FAIZAN MAHMOOD | MR. MOHD TALHA
STUDENTS COORDINATORS
MOHAMMAD FARHAN | SIDRA SIDDIQUI | ELMA SHARIQ
AREEBA KHAN | ANAMTA ANSARI

Prof.(Dr.) MOHAMMAD FAISAL
Head, Department of Computer Application