مجلس الأمن السيبراني
CYBER SECURITY COUNCIL
United Arab Emirates

Telegram Zero-Click Vulnerability

Tracking #:432318676

Date:28-03-2026

TLP: WHITE

EXECUTIVE SUMMARY:

The UAE Cyber Security Council has observed that a critical zero-click vulnerability (ZDI-CAN-30207) has been identified in the Telegram messaging platform.

TECHNICAL DETAILS:

A critical zero-click vulnerability (ZDI-CAN-30207) has been identified in the Telegram messaging platform in the Trend Micro Zero Day Initiative.
With a CVSS score of 9.8 (Critical), this flaw enables remote, unauthenticated attackers to compromise user devices without any interaction, representing a worst-case exploitation scenario.
Given Telegram's global user base exceeding 1 billion users, this vulnerability poses a high-risk threat to individuals, enterprises, and government entities, particularly for targeted surveillance and espionage operations.

Vulnerability Identifier

- ZDI-CAN-30207
- Severity: Critical (CVSS 9.8)
- Vector: AV:N / AC:L / PR:N / UI:N / S:U / C:H / I:H / A:H

Key Characteristics

- Zero-Click Exploitation (UI:N):
  No user interaction required. The attack can be triggered without clicking links, opening files, or engaging with content.
- Remote Attack Surface (AV:N):
  Exploitable over the internet without local access.
- No Authentication Required (PR:N):
  Attackers do not require a Telegram account or prior access.
- Low Complexity (AC:L):
  Exploitation does not depend on complex conditions or advanced chaining.
- High Impact (C:H / I:H / A:H):

RECOMMENDATIONS:

- **Enable Automatic Updates**
  - Ensure all Telegram clients (mobile, desktop, web) are configured for automatic updates.
- **Restrict Communication Settings**
  - Limit who can message you (Contacts only)
  - Disable receiving media from unknown users
  - Restrict group invitations
- **Reduce Attack Surface**
  - Avoid joining unknown or public groups
  - Disable auto-download of media files
  - Turn off unnecessary bot interactions
- Stay updated via official Telegram announcements

Kindly circulate this information to your subsidiaries and partners as well as share with us any

relevant information and findings.

The UAE Cyber Security Council extends its appreciation for the continued collaboration.

REFERENCES:

- https://www.zerodayinitiative.com/advisories/upcoming/