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Thread: [Your Fire TV Cube 3 Can Now Be Rooted and Bootloader-Unlocked](#)

Th3Hu1K - October 15, 2026, 8:09 am

A public exploit package has dropped for the third-generation Amazon Fire TV Cube (codename "gazelle"), giving owners persistent root access and bootloader unlock on firmware PS7717 and older. It was released by XDA developer Pro-me3us.

How it works: The project chains a temporary root tool together with a separate bootloader vulnerability. Once unlocked, you get Magisk, TWRP recovery, unrestricted fastboot, Amlogic download mode, and U-Boot command line access over Ethernet. It also supports booting from USB storage, custom launchers, modified system/vendor partitions, and custom kernels or ROMs — including CoreELEC and EmuELEC for anyone wanting to turn the Cube into a media/retro gaming box.

Heads up before you try it:

- The process can permanently brick the device

- It triggers an automatic factory reset

- You need 1.5GB of free storage to maintain the unlock

- Requires ADB debugging enabled and an authorized connection

- Do not touch the logo partition (it maintains the unlock)

- Do not rerun the bootloader unlock script

- Running the temporary root tool twice in one boot can crash/reboot the Cube

Credits: mforce2 (porting the Ghostlock exploit, CVE-2026-43499), NebuSec (original exploit chain), John Red (bootloader vuln), and Pro-me3us for putting it all together. Man Yue Mo's earlier Mali GPU work (CVE-2022-38181, CVE-2022-46395) is also credited as a basis for testing — though those are separate contributions, not part of every unlock.

Version 1.2 (Sept 30, 2026) extends the temporary root tool to PS7717/5741, bumps Magisk to 30.7, adds a local ADB fix, and clears the misc partition during unlocking to handle pre-downloaded firmware updates.

Important caveat: This isn't an unauthenticated remote attack — it requires enabled, authorized ADB access. No malicious exploitation in the wild has been reported. Note that the unlock disables automatic firmware updates, which is a real security tradeoff. For most everyday users, sticking with normal updates is still the safer call.

Source: Cyber Security News — Abinaya, 2026-10-13

DramaKing - October 15, 2026, 8:23 am

Amazon will probably fix the vulnerability in short order but nice share.

Th3HulK - *October 15, 2026, 8:40 am*

(Oct 15, 2026 08:23 AM)DramaKing Wrote: [\[CITE\]](#) Amazon will probably the vulnerability in short order but nice share.

Its an "enjoy it while it last" kind of thing. Nothing really last forever