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Local Privilege Escalation via Arbitrary File Operation in Bitdefender ATC (VA-12590)

Publication date: December 10th, 2025

CVE ID:

CVE-2025-7073

CVSS score:

CVSS:4.0/AV:L/AC:H/AT:P/PR:L/UI:N/VC:H/VI:H/VA:H/SC:H/SI:H/SA:H

Affected vendors:

Bitdefender

Affected products:

Total Security; Internet Security; Antivirus Plus; Antivirus Free; Endpoint Security Tools for Windows

Vulnerability details:

A local privilege escalation vulnerability in the Active Threat Control module as used in Bitdefender Total Security, Internet Security Antivirus Plus versions earlier than 27.0.47.241 and Antivirus Free version earlier than 30.0.25.77

and Bitdefender Endpoint Security Tools for Windows versions earlier than 7.9.20.515 allows low-privileged attackers to elevate privileges. The issue arises from `bdservicehost.exe` deleting files from a user-writable directory (`C:\ProgramData\Atc\Feedback`) without proper symbolic link validation, enabling arbitrary file deletion. This issue is chained with a file copy operation during network events and a filter driver bypass via DLL injection to achieve arbitrary file copy and code execution as elevated user.

Additional details:

An automatic update to the following product versions fixes the issue:- Bitdefender Total Security product version 27.0.47.241 - Bitdefender Internet Security product version 27.0.47.241 - Bitdefender Antivirus Plus product version 27.0.47.241- Bitdefender Antivirus Free product version 30.0.25.77- Bitdefender Endpoint Security Tools for Windows product version 7.9.20.515

Credit:

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