



media: uvcvideo: Mark invalid entities with id UVC_INVALID_ENTITY_ID

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF](#)

Summary

CVE	CVE-2025-40016
State	PUBLISHED
Assigner	Linux
Source Priority	CVE Program / NVD first with legacy fallback
Published	2025-10-20 16:15:38 UTC
Updated	2026-04-18 09:16:12 UTC
Description	In the Linux kernel, the following vulnerability has been resolved: media: uvcvideo: Mark invalid entities with id UVC_INVALID_ENTITY_ID

Risk And Classification

EPSS: 0.000520000 probability, percentile 0.163920000 (date 2026-04-21)

Vendor Declared Affected Products

Source	Vendor	Product	Version
CNA	Linux	Linux	affected a3fbc2e6bb05a3b1ea341cd29dea09b4a033727b 983a1d327e2642832a43f969761e27339b0d2a8f gi
CNA	Linux	Linux	affected a3fbc2e6bb05a3b1ea341cd29dea09b4a033727b 59f64514bc347d0e93b70c6b612ad824b63ae7ca g
CNA	Linux	Linux	affected a3fbc2e6bb05a3b1ea341cd29dea09b4a033727b f617d515d66c05e9aebc787a8fe48b7163fc7b70 git
CNA	Linux	Linux	affected a3fbc2e6bb05a3b1ea341cd29dea09b4a033727b 000b2a6bed7f30e0aadfb19bce9af6458d879304 git
CNA	Linux	Linux	affected a3fbc2e6bb05a3b1ea341cd29dea09b4a033727b 15c0e136bd8cd70a1136a11c7876d6aae0eef8c8 g
CNA	Linux	Linux	affected a3fbc2e6bb05a3b1ea341cd29dea09b4a033727b 0f140cede24334b3ee55e3e1127071266cbb8287 g
CNA	Linux	Linux	affected a3fbc2e6bb05a3b1ea341cd29dea09b4a033727b 0e2ee70291e64a30fe36960c85294726d34a103e g
CNA	Linux	Linux	affected 5.7
CNA	Linux	Linux	unaffected 5.7 semver
CNA	Linux	Linux	unaffected 5.15.203 5.15.* semver
CNA	Linux	Linux	unaffected 6.1.169 6.1.* semver
CNA	Linux	Linux	unaffected 6.6.110 6.6.* semver
CNA	Linux	Linux	unaffected 6.12.51 6.12.* semver
CNA	Linux	Linux	unaffected 6.16.11 6.16.* semver
CNA	Linux	Linux	unaffected 6.17.1 6.17.* semver
CNA	Linux	Linux	unaffected 6.18 * original commit for fix

References			
Reference	Source	Link	Tags
git.kernel.org/stable/c/15c0e136bd8cd70a1136a11c7876d6aae0eef8c8	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/983a1d327e2642832a43f969761e27339b0d2a8f	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/59f64514bc347d0e93b70c6b612ad824b63ae7ca	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/0e2ee70291e64a30fe36960c85294726d34a103e	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/f617d515d66c05e9aebc787a8fe48b7163fc7b70	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/000b2a6bed7f30e0aadfb19bce9af6458d879304	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
git.kernel.org/stable/c/0f140cede24334b3ee55e3e1127071266cbb8287	416baaa9-dc9f-4396-8d5f-8c081fb06d67	git.kernel.org	
CVE Program record	CVE.ORG	www.cve.org	canonic
NVD vulnerability detail	NVD	nvd.nist.gov	canonic

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.

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