



CVE-2025-22231: LOCAL PRIVILEGE ESCALATION IN VMWARE PRODUCTS

Vairav CVE Report

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EXECUTIVE SUMMARY

VMware has released patches addressing a local privilege escalation vulnerability (CVE-2025-22231) affecting VMware Aria Operations, VMware Cloud Foundation, VMware Telco Cloud Platform, and VMware Telco Cloud Infrastructure. A malicious actor with local administrative privileges could escalate privileges to a potentially compromising system. VMware rates this issue as “Important” with a CVSS score of 7.8. Immediate patching is recommended to mitigate risks.

VULNERABILITY DETAILS

CVE-2025-22231: Local Privilege Escalation in VMware Products

Description: A vulnerability in VMware Aria Operations allows an attacker with local administrative privileges to escalate to root, compromising the affected system.

Impact: Complete system control, potential data breaches, and system outages.

CVSS Score: 7.8 (High)

AFFECTED PRODUCTS/VERSIONS

- VMware Aria Operations (Version 8.x) → Fixed in 8.18 HF 5
- VMware Telco Cloud Platform (Versions 5.x, 4.x, 3.x) → Fixed in 8.18 HF 5
- VMware Telco Cloud Infrastructure (Versions 3.x, 2.x) → Fixed in 8.18 HF 5
- VMware Cloud Foundation (Versions 5.x, 4.x)

EXPLOIT DETAILS

An attacker who has gained administrative access can exploit this vulnerability to execute arbitrary commands as a root, leading to a full system takeover.

RECOMMENDATIONS

- Apply patches immediately to affected VMware products.
- Restrict access to administrative accounts and enforce the least privileged principles.
- Follow VMware security advisories for the latest updates and mitigation strategies.

REFERENCES

<https://securityonline.info/vmware-addresses-local-privilege-escalation-vulnerability-cve-2025-22231/>

<https://www.cve.org/CVERecord?id=CVE-2025-22231>

<https://support.broadcom.com/web/ecx/support-content-notification/-/external/content/SecurityAdvisories/0/25541>

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