



# CYBER ADVISORY

**Cal OES**  
GOVERNOR'S OFFICE  
OF EMERGENCY SERVICES

**CALIFORNIA CYBERSECURITY INTEGRATION CENTER**



CYBER ADVISORY

**TLP: CLEAR**  
17 April 2024

## Ivanti Avalanche MDM Vulnerabilities

CVE-2024-24996

CVE-2024-29204

Ivanti

Critical Vulnerabilities

The California Cybersecurity Integration Center (Cal-CSIC) has become aware of critical vulnerabilities known as CVE-2024-24996 and CVE-2024-29204.<sup>1</sup> These vulnerabilities affect Ivanti Avalanche mobile device management (MDM) solution all versions prior to 6.4.3.<sup>2</sup> CVE-2024-24996 lies specifically within Ivanti Avalanche component WLInfoRailService and CVE-2024-29204 lies specifically within Ivanti Avalanche component WLAvalancheService. Both vulnerabilities are caused by heap-based buffer overflow weaknesses, which may allow an unauthenticated remote attacker to execute arbitrary commands on vulnerable systems in low-complexity attacks that do not require user interaction.<sup>3</sup>

The Cal-CSIC recommends immediately upgrading to Ivanti Avalanche MDM version 6.4.3

For further information on applying Ivanti Avalanche MDM upgrades please refer to [Ivanti Wavelink](#).

### Organization, Source, Reference, and Dissemination Information

#### Organization Description

California Government Code § 8586.5 established the California Cybersecurity Integration Center (Cal-CSIC) as the central organizing hub of state government's cybersecurity activities, including information sharing, intelligence analysis, incident response, and overarching cybersecurity strategy. The Cal-CSIC is responsible for reducing the likelihood and severity of cyber incidents that could damage California's economy, critical infrastructure, and public or private sector networks in our state.

#### Customer Feedback

If you need further information about this issue, contact the Cal-CSIC at our email address [CalCSIC@caloes.ca.gov](mailto:CalCSIC@caloes.ca.gov) or by telephone at (833) REPORT1. To

CAL-CSIC-202404-007

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<sup>1</sup> Bleeping Computer; "Ivanti warns of critical flaws in its Avalanche MDM solution;" <https://www.bleepingcomputer.com/news/security/ivanti-warns-of-critical-flaws-in-its-avalanche-mdm-solution/>; accessed 17 April 2024

<sup>2</sup> SOC Radar; "Ivanti Avalanche Received an Update for Over Two Dozen Vulnerabilities (CVE-2024-24996, CVE-2024-29204...);" <https://socradar.io/ivanti-avalanche-update-for-two-dozen-vulnerabilities/>; accessed 17 April 2024

<sup>3</sup> Ivanti; "Avalanche 6.4.3 Security Hardening and CVEs addressed;" [https://forums.ivanti.com/s/article/Avalanche-6-4-3-Security-Hardening-and-CVEs-addressed?language=en\\_US](https://forums.ivanti.com/s/article/Avalanche-6-4-3-Security-Hardening-and-CVEs-addressed?language=en_US); accessed 17 April 2024

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