مجلس الأمن السيبراني

CYBER SECURITY COUNCIL

United Arab Emirates

Critical Vulnerabilities in SolarWinds Serv-U

Tracking #:432318034

Date:19-11-2025

EXECUTIVE SUMMARY:

The UAE Cyber Security Council has observed SolarWinds has issued security updates for Serv-U addressing three critical vulnerabilities.

TECHNICAL DETAILS:

SolarWinds has released Serv-U 15.5.3 on November 18, 2025, introducing multiple security enhancements, new features, and fixes for three critical CVEs (CVSS 9.1). These vulnerabilities—primarily affecting administrative users—could enable remote code execution (RCE) under specific conditions.
Although exploitation requires administrative privileges, the severity remains high as a compromised admin account could enable a malicious actor to fully control affected Serv-U environments. This release also enhances security hardening across password protection, IP filtering, HSTS, HTTP headers, and SSH key support.

1. CVE-2025-40547 — Logic Abuse RCE Vulnerability
Severity: 9.1 (Critical)
Impact: Allows RCE via logic flaw
Conditions: Administrative privileges required
Description:
A logic error in Serv-U could be abused by a threat actor holding admin-level access, enabling execution of arbitrary code.

2. CVE-2025-40548 — Broken Access Control RCE Vulnerability
Severity: 9.1 (Critical)
Impact: RCE due to missing validation
Conditions: Requires admin privileges
Description:
Improper access validation could enable an attacker with admin access to execute unauthorized code or actions.

3. CVE-2025-40549 — Path Restriction Bypass Vulnerability
Severity: 9.1 (Critical)
Impact: Path restriction bypass enabling RCE on directories
Conditions: Admin rights required
Description:
An administrator-level attacker could bypass directory path restrictions and execute code in otherwise restricted locations.

Fixed Version:

- Serv-U 15.5.3

RECOMMENDATIONS:

- Upgrade Serv-U to the latest fixed version immediately.

Kindly circulate this information to your subsidiaries and partners as well as share with us any relevant information and findings.

The UAE Cyber Security Council extends its appreciation for the continued collaboration.

REFERENCES:

- https://documentation.solarwinds.com/en/success_center/servu/content/release_notes/servu_15-5-3_release_notes.htm