

# Rapid7 Observed Exploitation of Critical MOVEit Transfer Vulnerability

Jun 01, 2023 | 8 min read | [Caitlin Condon](#)

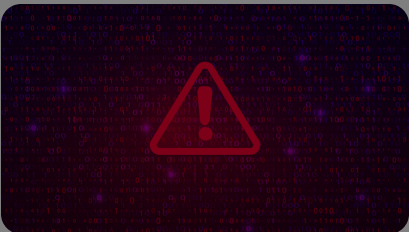


Last updated at Thu, 10 Aug 2023 20:55:31 GMT

**Note:** As of June 2, 2023, CVE-2023-34362 has been assigned to the original MOVEit Transfer zero-day vulnerability. To date, additional MOVEit Transfer CVEs have been disclosed and patched on June 9, June 15, and July 6, 2023. Progress has updates [here](#) and [here](#). Rapid7 recommends updating MOVEit Transfer immediately for all critical CVE releases.

Rapid7 managed services teams are observing exploitation of a critical [zero-day vulnerability \(CVE-2023-34362\)](#) in Progress Software’s MOVEit Transfer solution across multiple customer environments. We have observed an uptick in related cases since the vulnerability was [disclosed publicly](#) on May 31, 2023; Rapid7 intelligence indicates that the threat actors leveraging CVE-2023-34362 have exploited a wide range of organizations, particularly in North America.

MOVEit Transfer customers should prioritize remediation on an **emergency basis** and should invoke emergency incident response procedures if any [indicators of compromise](#) are found in their environments. Note that while updating to a fixed version will help protect against future exploitation, patching alone is not sufficient to



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MOVEit Cloud is also affected and has been patched globally. MOVEit Transfer users who leverage the Microsoft Azure integration should [rotate](#)  their Azure storage keys.

MOVEit Transfer customers should set firewall rules to deny HTTP and HTTPs traffic to MOVEit Transfer on ports 80 and 443 until the patch for CVE-2023-34362 can be applied. Users should also delete any unauthorized files or user accounts (e.g., .cmdline scripts, `human2.aspx` instances).

Per the MOVEit [advisory](#) , organizations should look for indicators of compromise dating back at least a month. Progress Software also lists IOCs in their advisory.

## Identifying data exfiltration

Rapid7 incident response consultants have identified a method to determine what was exfiltrated from compromised MOVEit customer environments. MOVEit writes its own Windows EVTX file, which is located at `C:\Windows\System32\winevt\Logs\MOVEit.evtx`. The MOVEit event logs contain a single event ID (Event ID `0`) that provides a plethora of information, including file name, file path, file size, IP address, and username that performed the download.

Progress Software's engineering team told Rapid7 that while event logging is not enabled by default in MOVEit Transfer, it's common for their customers to enable it post-installation. Therefore, many instances of the MOVEit application may have these records available on the host.

Affected organizations and incident responders can use

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vulnerability checks scheduled to be released in the July 7, 2023 content release.

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