



**THREAT ADVISORY**



**VULNERABILITY  
REPORT**

**RCE flaw resides in the Atlassian Bitbucket Server  
and Data Center**

Date of Publication

August 30, 2022

Admiralty code

A1


TA Number

TA2022187

# Summary

Atlassian has patched a significant security hole in Bitbucket Server and Data Center, which could allow attackers to execute arbitrary code on susceptible systems. The vulnerability is identified as CVE-2022-36804.

## 🌟 CVE Table

CVE	NAME	PATCH
CVE-2022-36804	Command injection vulnerability	

## 🌟 Potential MITRE ATT&CK TTPs

<b>TA0042</b> Resource Development	<b>T1588</b> Obtain Capabilities	<b>T1588.006</b> Vulnerabilities	<b>TA0004</b> Privilege Escalation
<b>T1053</b> Scheduled Task/Job	<b>T1068</b> Exploitation for Privilege Escalation	<b>T1055</b> Process Injection	<b>TA0001</b> Initial Access
<b>T1190</b> Exploit Public-Facing Application	<b>TA0002</b> Execution	<b>T1106</b> Native API	<b>TA0003</b> Persistence
<b>T1505</b> Server Software Component			

# Technical Details

The vulnerability has been classified as a command injection vulnerability and exists due to improper input validation within multiple API endpoints. A remote attacker with reading capabilities to a private Bitbucket repository or access to a public repository can send a specially crafted HTTP request and execute arbitrary commands on the server.

## Vulnerability Details

CVE ID	AFFECTED PRODUCTS	AFFECTED CPE	CWE ID
CVE-2022-36804	All versions of Bitbucket Server and Data Center released after 6.10.17 are affected, including 7.0.0 and up to 8.3.0.	cpe:2.3:a:atlassian:bitbucket_server:-:*:*:*:*:*:* cpe:2.3:a:atlassian:bitbucket_server_and_data_center:-:*:*:*:*:*:*	CWE-78

## Patch Links

<https://confluence.atlassian.com/bitbucketserver/bitbucket-server-and-data-center-advisory-2022-08-24-1155489835.html>

## References

<https://jira.atlassian.com/browse/BSERV-13438>

# What Next?

Book a free demo with **HivePro Uni5** to check your exposure to this advisory. HivePro Uni5 is a Continuous Threat Exposure Management Solution that proactively reduces an organization's attack surface before it gets exploited.



At Hive Pro we take a long hard look at your vulnerabilities so you can bolster your defenses and fine-tune your offensive cybersecurity tactics.

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