



## Threat Intelligence Gathering & Research Team

Microsoft Patch Tuesday



December 2022

## ▶ EXECUTIVE SUMMARY

The Microsoft Security Response Center (MSRC) reported 49 vulnerabilities across Microsoft products, with six (6) being critical vulnerabilities. One (1) actively exploited bug, [CVE-2022-44698](#), was also patched.

The number of bugs in each category is listed below:

- 19 Elevation of Privilege
- 2 Security Feature Bypass
- 23 Remote Code Execution
- 3 Information Disclosure
- 3 Denial of Service
- 1 Spoofing

The above count totals do not include the twenty-five (25) Microsoft Edge vulnerabilities fixed on December 5.

## ▶ FEATURED CRITICAL VULNERABILITIES

The six (6) critical vulnerabilities fixed in today's security updates are listed below.

Windows Secure Socket Tunneling Protocol (SSTP)	Windows PowerShell	Windows Dynamics	Windows Office SharePoint
<a href="#">CVE-2022-44670</a>	<a href="#">CVS-2022-41076</a>	<a href="#">CVE-2022-41127</a>	<a href="#">CVE-2022-44690</a>
<a href="#">CVE-2022044676</a>			<a href="#">CVE-2022-44693</a>

## ▶ SAFEGUARDS/RECOMMENDATIONS

Organizations should ensure all systems are backed up, including device settings and important data, prior to instructing users to perform updates. Users should routinely check their system for regular Windows updates and perform any product-specific updates to implement the released patches.

## ▶ REFERENCES

- <https://msrc.microsoft.com/update-guide/>
- <https://msrc.microsoft.com/update-guide/releaseNote/2022-Dec>
- <https://www.bleepingcomputer.com/news/microsoft/microsoft-december-2022-patch-tuesday-fixes-2-zero-days-49-flaws/>