



Threat Intelligence Gathering & Research Team

Microsoft Patch Tuesday



October 2022

▶ EXECUTIVE SUMMARY

The Microsoft Security Response Center (MSRC) reported 84 flaws across 52 Microsoft products, with 13 being critical vulnerabilities and one (1) actively exploited vulnerability ([CVE-2022-41033](#)). Microsoft has not released security updates for the two actively exploited vulnerabilities, [CVE-2022-41040](#) and [CVE-2022-41082](#), known as ProxyNotShell. For the comprehensive list of patch releases, please see [here](#).

The number of bugs in each category is listed below:

- 39 Elevation of Privilege
- 2 Security Feature Bypass
- 20 Remote Code Execution
- 11 Information Disclosure
- 8 Denial of Service
- 4 Spoofing

▶ FEATURED CRITICAL VULNERABILITIES

Microsoft Office		Exchange Server	
CVE-2022-38048	CVE-2022-41031	CVE-2022-21979	CVE-2022-24477
CVE-2022-41043	CVE-2022-38053	CVE-2022-21980	CVE-2022-30134
CVE-2022-41036	CVE-2022-38001	CVE-2022-24516	
CVE-2022-41037	CVE-2022-38049		
CVE-2022-41038			

Azure	Defender	Active Directory
CVE-2022-37968	CVE-2022-37971	CVE-2022-38042
CVE-2022-38017		CVE-2022-37978
		CVE-2022-37976

▶ 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-Oct>
- <https://www.bleepingcomputer.com/news/microsoft/microsoft-october-2022-patch-tuesday-fixes-zero-day-used-in-attacks-84-flaws/>
- <https://krebsonsecurity.com/2022/10/microsoft-patch-tuesday-october-2022-edition/>