

# CYBER GUIDANCE ISSUE 00212

OCTOBER - PATCH TUESDAY

DATE ISSUED: 18<sup>th</sup> September 2021

IMPACT	LOW	MEDIUM	HIGH
EASE OF EXPLOIT	HARD	MEDIUM	EASY

## OVERVIEW

Microsoft’s Patch Tuesday update for October has addresses 81 vulnerabilities (including Microsoft Edge), including fixes for the four zero-day vulnerabilities. A breakdown of these cover areas including privilege escalation (21), security feature bypass (6), Remote Code Execution – RCE (20), information disclosure (13), Denial of Service – DoS (5) and spoofing (9). Cumulative updates for Windows 11 (KB5006674) and Windows 10 (KB5006670 & KB5006667) are also available for installation.

## BREAKDOWN

### Microsoft Windows:

- 81 updates in total
- Zero Days - [CVE-2021-40449](#), [CVE-2021-40469](#), [CVE-2021-41335](#), [CVE-2021-41338](#)
- 3 rated CRITICAL
- 70 rated IMPORTANT
- 1 rated LOW

### Other vendor releases:

- Apple
- iOS & iPadOS – actively exploited vulnerability
- Google Chrome
- Adobe
- Android
- Cisco
- SAP
- Apache
- VMWare

## REMEDATION STEPS

- Back up all critical data before performing updates.
- Install latest security updates and patches – For a full list see the resources listed below.

## REFERENCES & RESOURCES

Microsoft	<a href="https://msrc.microsoft.com/update-guide/en-us">https://msrc.microsoft.com/update-guide/en-us</a>
Bleeping Computer	<a href="https://www.bleepingcomputer.com/news/microsoft/microsoft-october-2021-patch-tuesday-fixes-4-zero-days-71-flaws/">https://www.bleepingcomputer.com/news/microsoft/microsoft-october-2021-patch-tuesday-fixes-4-zero-days-71-flaws/</a>
Rapid7	<a href="https://www.rapid7.com/blog/post/2021/10/12/patch-tuesday-october-2021/">https://www.rapid7.com/blog/post/2021/10/12/patch-tuesday-october-2021/</a>
ZDNet	<a href="https://www.zdnet.com/article/microsoft-october-2021-patch-tuesday-71-vulnerabilities-four-zero-days-squashed">https://www.zdnet.com/article/microsoft-october-2021-patch-tuesday-71-vulnerabilities-four-zero-days-squashed</a>
Apple	<a href="https://support.apple.com/en-us/HT212846">https://support.apple.com/en-us/HT212846</a>
Cisco	<a href="https://tools.cisco.com/security/center/publicationListing.x">https://tools.cisco.com/security/center/publicationListing.x</a>
Adobe	<a href="https://helpx.adobe.com/security/security-bulletin.html">https://helpx.adobe.com/security/security-bulletin.html</a>