



MICROSOFT SECURITY UPDATE

# Patch Tuesday Brief

August 2026 Security Updates

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## AT A GLANCE

|                      |           |
|----------------------|-----------|
| MICROSOFT CVES       | 1,640     |
| CRITICAL / IMPORTANT | 148 / 520 |
| ACTIVELY EXPLOITED   | 1         |
| PUBLICLY DISCLOSED   | 3         |
| EXIGENT              | None      |
| CISA KEV LISTED      | 1         |

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## 1 of this month's 1,640 Microsoft CVEs are already being exploited.

This release ships 1,640 Microsoft-authored CVEs, 148 rated Critical and 520 rated Important.

1 are already being exploited in the wild - these warrant same-cycle patching regardless of any other prioritization.

3 were publicly disclosed before this patch shipped, giving attackers a head start on developing exploits.

## CVEs by Severity



## Top Affected Products

| Product                                              | CVEs |
|------------------------------------------------------|------|
| azl3 kernel 6.6.150.1-1 on Azure Linux 3.0           | 419  |
| Microsoft Edge (Chromium-based)                      | 360  |
| Windows Server 2022                                  | 195  |
| Windows Server 2022 (Server Core installation)       | 195  |
| Windows Server 2019 (Server Core installation)       | 183  |
| Windows Server 2019                                  | 183  |
| azl3 kernel 6.6.143.1-1 on Azure Linux 3.0           | 177  |
| Windows 10 Version 1809 for x64-based Systems        | 162  |
| Windows 10 Version 1809 for 32-bit Systems           | 162  |
| Microsoft 365 Apps for Enterprise for 32-bit Systems | 87   |
| Microsoft 365 Apps for Enterprise for 64-bit Systems | 87   |
| Microsoft Office 2019 for 32-bit editions            | 86   |

## Patch First: Priority Vulnerabilities

Ranked by EVULNABLE Risk Score v1.0, not CVSS/severity alone - known active exploitation is floored at a High/Critical priority regardless of CVSS, and an Exigent CVE (CISA KEV-listed, confirmed actively exploited, and CVSS 9.0 or higher, all at once) is



floored further, to 85. Patch these first.

| CVE            | Title                                                                                    | EVULNABLE Risk | CVSS | Status             | KB articles         |
|----------------|------------------------------------------------------------------------------------------|----------------|------|--------------------|---------------------|
| CVE-2026-68820 | Windows Ancillary Function Driver for WinSock Elevation of Privilege Vulnerability       | 75 Urgent      | 7.0  | Actively Exploited | 5120238 and 12 more |
| CVE-2026-62832 | Windows User Profile Service Elevation of Privilege Vulnerability                        | 34 Elevated    | 7.8  | Publicly Disclosed | 5120242 and 8 more  |
| CVE-2026-69414 | Microsoft Defender Elevation of Privilege Vulnerability                                  | 33 Elevated    | 7.8  | Publicly Disclosed | —                   |
| CVE-2026-72971 | Windows Container Isolation FS Filter Driver (unionfs.sys) Tampering Vulnerability       | 24 Elevated    | 5.5  | Publicly Disclosed | 5121000             |
| CVE-2026-59124 | Microsoft High Performance Computing (HPC) Pack Remote Code Execution Vulnerability      | 19 Elevated    | 9.8  | —                  | —                   |
| CVE-2026-62893 | Windows Deployment Services TFTP Server Remote Code Execution Vulnerability              | 19 Elevated    | 9.8  | —                  | 5120238 and 7 more  |
| CVE-2026-59133 | Microsoft High Performance Computing (HPC) Pack Elevation of Privilege Vulnerability     | 18 Elevated    | 8.8  | —                  | —                   |
| CVE-2026-62823 | Windows DHCP Server Remote Code Execution Vulnerability                                  | 18 Elevated    | 8.8  | —                  | 5120238 and 7 more  |
| CVE-2026-65665 | Microsoft SharePoint Server Remote Code Execution Vulnerability                          | 18 Elevated    | 8.8  | —                  | 5002894 and 2 more  |
| CVE-2026-66804 | Microsoft Windows Cross Device Service Elevation of Privilege Vulnerability              | 18 Elevated    | 7.8  | —                  | 5120249 and 3 more  |
| CVE-2026-72984 | Microsoft Edge (Chromium-based) Remote Code Execution Vulnerability                      | 18 Elevated    | 8.8  | —                  | —                   |
| CVE-2026-58650 | Visual Studio Code Security Feature Bypass Vulnerability                                 | 17 Elevated    | 7.8  | —                  | —                   |
| CVE-2026-61358 | Windows Accessibility Infrastructure (ATBroker.exe) Elevation of Privilege Vulnerability | 17 Elevated    | 7.8  | —                  | 5120238 and 9 more  |
| CVE-2026-61925 | Windows Installer Elevation of Privilege Vulnerability                                   | 17 Elevated    | 7.8  | —                  | 5120238 and 12 more |
| CVE-2026-61930 | Windows Kernel Elevation of Privilege Vulnerability                                      | 17 Elevated    | 7.8  | —                  | 5120238 and 10 more |
| CVE-2026-62688 | Windows MIDI Service Module Elevation of Privileges Vulnerability                        | 17 Elevated    | 7.8  | —                  | 5121003 and 2 more  |
| CVE-2026-62696 | Windows Program Compatibility Assistant Service Elevation of Privilege Vulnerability     | 17 Elevated    | 7.8  | —                  | 5120238 and 10 more |



| CVE            | Title                                                                         | EVULNABLE Risk | CVSS | Status | KB articles         |
|----------------|-------------------------------------------------------------------------------|----------------|------|--------|---------------------|
| CVE-2026-62698 | Microsoft Digest Authentication Elevation of Privilege Vulnerability          | 17 Elevated    | 7.8  | —      | 5120238 and 12 more |
| CVE-2026-62712 | Windows Win32k Elevation of Privilege Vulnerability                           | 17 Elevated    | 7.8  | —      | 5120238 and 12 more |
| CVE-2026-62713 | Windows Cloud Files Mini Filter Driver Elevation of Privilege Vulnerability   | 17 Elevated    | 7.8  | —      | 5120238 and 9 more  |
| CVE-2026-62721 | Windows User-Mode Power Service (UMPS) Elevation of Privilege Vulnerability   | 17 Elevated    | 7.8  | —      | 5120238 and 12 more |
| CVE-2026-62735 | Windows HTTP.sys Elevation of Privilege Vulnerability                         | 17 Elevated    | 7.8  | —      | 5120238 and 12 more |
| CVE-2026-62737 | Windows Kernel Elevation of Privilege Vulnerability                           | 17 Elevated    | 7.8  | —      | 5120233 and 4 more  |
| CVE-2026-62741 | Windows HTTP.sys Elevation of Privilege Vulnerability                         | 17 Elevated    | 7.8  | —      | 5120238 and 12 more |
| CVE-2026-62783 | Windows Remote Access Connection Manager Elevation of Privilege Vulnerability | 17 Elevated    | 7.8  | —      | 5120238 and 9 more  |

1,221 more prioritized CVEs are not shown here - every CVE is in the CSV export on the advisories page.

## Release Inventory by Product

All 1,640 CVEs in this release, by affected product: the count, the highest EVULNABLE Risk among them, and the KB articles that close them. The complete per-CVE inventory - severity, CVSS, impact and KB for every CVE - is the CSV export on the advisories page.

| Product                                        | CVEs | Highest EVULNABLE Risk | KB articles                                                      |
|------------------------------------------------|------|------------------------|------------------------------------------------------------------|
| Windows Server 2022                            | 195  | 75 Urgent              | 5120238, 5120242, 5120229, 5120249, 5120233, 5120228 and 10 more |
| Windows Server 2022 (Server Core installation) | 195  | 75 Urgent              | 5120238, 5120242, 5120229, 5120249, 5120233, 5120228 and 10 more |
| Windows Server 2019                            | 183  | 75 Urgent              | 5120238, 5120242, 5120229, 5120249, 5120233, 5120228 and 10 more |
| Windows Server 2019 (Server Core installation) | 183  | 75 Urgent              | 5120238, 5120242, 5120229, 5120249, 5120233, 5120228 and 10 more |
| Windows 10 Version 1809 for 32-bit Systems     | 162  | 75 Urgent              | 5120238, 5120242, 5120229, 5120249, 5120233, 5120228 and 10 more |
| Windows 10 Version 1809 for x64-based Systems  | 162  | 75 Urgent              | 5120238, 5120242, 5120229, 5120249, 5120233, 5120228 and 10 more |
| Windows 10 Version 22H2 for x64-based Systems  | 7    | 34 Elevated            | 5120242, 5120229, 5120249, 5120233, 5120228, 5121003 and 3 more  |



| Product                                          | CVEs | Highest EVULNABLE Risk | KB articles                                                     |
|--------------------------------------------------|------|------------------------|-----------------------------------------------------------------|
| Windows 10 Version 21H2 for 32-bit Systems       | 6    | 34 Elevated            | 5120242, 5120229, 5120249, 5120233, 5120228, 5121003 and 3 more |
| Windows 10 Version 21H2 for ARM64-based Systems  | 6    | 34 Elevated            | 5120242, 5120229, 5120249, 5120233, 5120228, 5121003 and 3 more |
| Windows 10 Version 21H2 for x64-based Systems    | 6    | 34 Elevated            | 5120242, 5120229, 5120249, 5120233, 5120228, 5121003 and 3 more |
| Microsoft Malware Protection Engine              | 1    | 33 Elevated            | —                                                               |
| Windows 11 Version 26H1 for ARM64-based Systems  | 10   | 24 Elevated            | 5121003, 5120994, 5121000                                       |
| Windows 11 version 26H1 for x64-based Systems    | 10   | 24 Elevated            | 5121003, 5120994, 5121000                                       |
| Windows Server 2025 (Server Core installation)   | 48   | 19 Elevated            | 5120233, 5120228, 5121003, 5120994, 5121000, 5120242 and 6 more |
| Windows Server 2025                              | 35   | 19 Elevated            | 5120233, 5120228, 5121003, 5120994, 5121000, 5120238 and 5 more |
| Microsoft HPC Pack 2019                          | 2    | 19 Elevated            | —                                                               |
| Microsoft Edge (Chromium-based)                  | 360  | 18 Elevated            | —                                                               |
| Windows 11 Version 25H2 for ARM64-based Systems  | 38   | 18 Elevated            | 5120233, 5120228, 5121003, 5120994, 5121000, 5120242 and 3 more |
| Windows 11 Version 25H2 for x64-based Systems    | 38   | 18 Elevated            | 5120233, 5120228, 5121003, 5120994, 5121000, 5120242 and 3 more |
| Windows 11 Version 24H2 for ARM64-based Systems  | 32   | 18 Elevated            | 5120233, 5120228, 5121003, 5120994, 5121000, 5120240 and 1 more |
| Microsoft SharePoint Server Subscription Edition | 29   | 18 Elevated            | 5002894, 5002896, 5002893, 5002905, 5002906                     |
| Microsoft SharePoint Server 2019                 | 27   | 18 Elevated            | 5002894, 5002896, 5002893, 5002905, 5002906                     |
| Windows 10 Version 22H2 for 32-bit Systems       | 1    | 18 Elevated            | 5120249, 5121003, 5120994, 5121000                              |
| Windows 10 Version 22H2 for ARM64-based Systems  | 1    | 18 Elevated            | 5120249, 5121003, 5120994, 5121000                              |
| Windows 11 Version 24H2 for x64-based Systems    | 24   | 17 Elevated            | 5120233, 5120228, 5121003, 5120994, 5121000                     |
| Microsoft SharePoint Enterprise Server 2016      | 23   | 17 Elevated            | 5002905, 5002906, 5002894, 5002896, 5002893                     |
| Visual Studio Code                               | 8    | 17 Elevated            | —                                                               |
| Microsoft Partner Center                         | 1    | 17 Elevated            | —                                                               |
| Windows 11 Version 23H2 for ARM64-based Systems  | 13   | 16 Elevated            | 5120242, 5120229, 5120233, 5120228, 5121003, 5120994 and 2 more |



| Product                                              | CVEs | Highest EVULNABLE Risk | KB articles                                                     |
|------------------------------------------------------|------|------------------------|-----------------------------------------------------------------|
| Windows 11 Version 23H2 for x64-based Systems        | 7    | 16 Elevated            | 5120233, 5120228, 5121003, 5120994, 5120240, 5121000            |
| Microsoft Entra ID                                   | 3    | 15 Elevated            | —                                                               |
| Azure SQL Database                                   | 6    | 14 Elevated            | —                                                               |
| Azure Kubernetes Service                             | 1    | 14 Elevated            | —                                                               |
| Azure SRE Agent                                      | 1    | 14 Elevated            | —                                                               |
| Microsoft 365 Apps for Enterprise for 32-bit Systems | 87   | 13 Elevated            | 5002755, 5002897, 5002902, 5002901, 5002832, 5002813 and 6 more |
| Microsoft 365 Apps for Enterprise for 64-bit Systems | 87   | 13 Elevated            | 5002755, 5002897, 5002902, 5002901, 5002832, 5002813 and 6 more |
| Microsoft Office 2019 for 32-bit editions            | 86   | 13 Elevated            | 5002755, 5002897, 5002902, 5002901, 5002832, 5002813 and 3 more |
| Microsoft Office 2019 for 64-bit editions            | 86   | 13 Elevated            | 5002755, 5002897, 5002902, 5002901, 5002832, 5002813 and 3 more |
| Microsoft Office LTSC 2021 for 64-bit editions       | 56   | 13 Elevated            | 5002755, 5002897, 5002901, 5002832, 5002813, 5002791 and 3 more |
| Office Online Server                                 | 25   | 13 Elevated            | 5002884, 5002903                                                |

194 more products with fewer CVEs each are in the CSV export.