

## Security Advisory 2022-060

# Multiple Critical Vulnerabilities in Microsoft Products

August 10, 2022 — v1.0

TLP:WHITE

### History:

- 10/08/2022 — v1.0 – Initial publication

### Summary

On August 9, Microsoft released its August 2022 Patch Tuesday advisory including fixes for 2 zero-day vulnerabilities identified [CVE-2022-34713](#) and [CVE-2022-30134](#), which affect respectively Microsoft Windows Support Diagnostic Tool (MSDT) and Microsoft Exchange Server [1].

The patch also contains fixes for 17 critical vulnerabilities affecting Active Directory Domain Services, Azure Batch Node Agent, Microsoft Exchange Server, Remote Access Service Point-to-Point Tunneling Protocol, Windows Hyper-V and Windows Kernel (SMB Client and Server), Windows Point-to-Point Tunneling Protocol and Windows Secure Socket Tunneling Protocol (SSTP) [2].

It is highly recommended patching affected devices.

### Technical Details

#### CVE-2022-34713 - MSDT Remote Code Execution Vulnerability

This vulnerability, with a CVSS score of 7.8 out of 10, affects the Microsoft Windows Support Diagnostic Tool and could allow an attacker to execute some code on a device relying on the user to open a specially crafted file, such as an email attachment or a file downloaded from a website, to trigger the exploit.

#### CVE-2022-30134 - Microsoft Exchange Information Disclosure Vulnerability

This vulnerability, with a CVSS score of 7.6, affects Microsoft Exchange Server and could allow an attacker to read targeted email messages.

### Other Critical Vulnerabilities

17 other **critical** vulnerabilities have also been patched. Even if they are not yet exploited, they are likely to be targeted soon based on reverse-engineering of the patches available.

## Affected Products

Global list of affected products by all the vulnerabilities in the August advisory

- .NET 6.0
- .NET Core 3.1
- Azure Batch
- Azure Real Time Operating System GUIX Studio
- Azure Site Recovery VMWare to Azure
- Azure Sphere
- Microsoft 365 Apps for Enterprise
- Microsoft Excel
- Microsoft Exchange Server
- Microsoft Office
- Microsoft Outlook
- Microsoft Visual Studio
- Open Management Infrastructure
- System Center Operations Manager (SCOM)
- Windows 10
- Windows 11
- Windows 7 SP1
- Windows 8.1
- Windows RT 8.1
- Windows Server 2008
- Windows Server 2012
- Windows Server 2016
- Windows Server 2019
- Windows Server 2022
- Windows Server, version 20H2 (Server Core Installation)

## Recommendations

Microsoft and CERT-EU strongly recommend installing security updates as soon as possible.

## References

- [1] <https://www.bleepingcomputer.com/microsoft-patch-tuesday-reports/August-2022.html>
- [2] <https://www.bleepingcomputer.com/news/microsoft/microsoft-august-2022-patch-tuesday-fixes-exploited-zero-day-121-flaws/>