



**MAHACYBER ADVISORY**  
**Multiple Vulnerabilities in Microsoft**  
**Products**

**MHCERT**

**ADVISORY ID: CERTMH\_VA\_2024\_01**

**DATE: 03<sup>rd</sup> DECEMBER 2024**

# TABLE OF CONTENT

Summary ..... 1

Vulnerabilities Details ..... 2

Software Affected ..... 5

Resolution..... 5

References ..... 5



## Summary

Severity Rating: **High**

Attribute	Details
Attacks	Vulnerabilities
Vendor	Microsoft
Targeted Products	Multiple Microsoft Products
Target Audience	Individuals and IT Administrators, Security Teams responsible for maintaining and updating Microsoft products
Exploited	No exploit seen in the wild
High-Risk CVE-ID	CVE-2024-43602 ( <b>Critical, Score: 9.9</b> )

### Overview

Multiple vulnerabilities have been reported in Microsoft Products, which could allow an attacker to gain elevated privileges, obtain sensitive information, conduct remote code execution attacks, bypass security restrictions, conduct spoofing attacks, or cause denial of service conditions.

### Risk Assessment:

High risk of Remote code Execution, System Instability, or Sensitive Information Disclosure.

### Impact Assessment:

Potential compromise of System, Exfiltration of Data, Ransomware Attacks, or System Crashes.



## Vulnerabilities Details

Title	Microsoft KB	Severity	Impacts	CVE
Microsoft Windows	5046612 5046613 5046615 5046616 5046617 5046618 5046633 5046665 5046696	High	Remote Code -Execution Elevation of - Privilege Denial of Service Information Disclosure Security Feature Bypass Spoofing	CVE-2024-43635 CVE-2024-43636 CVE-2024-43637 CVE-2024-43638 CVE-2024-43639 CVE-2024-43640 CVE-2024-43641 CVE-2024-43642 CVE-2024-43643 CVE-2024-43644 CVE-2024-43645 CVE-2024-43646 CVE-2024-49019 CVE-2024-49039 CVE-2024-49046 CVE-2024-38203 CVE-2024-38264 CVE-2024-43447 CVE-2024-43449 CVE-2024-43450 CVE-2024-43451 CVE-2024-43452 CVE-2024-43530 CVE-2024-43620 CVE-2024-43622 CVE-2024-43623 CVE-2024-43624 CVE-2024-43625 CVE-2024-43626 CVE-2024-43627 CVE-2024-43628 CVE-2024-43629 CVE-2024-43630 CVE-2024-43631 CVE-2024-43633 CVE-2024-43634



Azure	-	High	Remote Code Execution Elevation of Privilege	CVE-2024-43602
Developer Tools	-	High	Remote Code Execution Elevation of Privilege Denial of Service	CVE-2024-43498 CVE-2024-43499 CVE-2024-49044 CVE-2024-49049 CVE-2024-49050
ESU (Extended Security Updates)	5046630 5046639 5046661	High	Remote Code Execution Elevation of Privilege Information Disclosure	CVE-2024-38203 CVE-2024-43449 CVE-2024-43450 CVE-2024-38203 CVE-2024-43449 CVE-2024-43450 CVE-2024-43451 CVE-2024-43452 CVE-2024-43620 CVE-2024-43621 CVE-2024-43622 CVE-2024-43623 CVE-2024-43626 CVE-2024-43627 CVE-2024-43628 CVE-2024-43634 CVE-2024-43635 CVE-2024-43636 CVE-2024-43637 CVE-2024-43638 CVE-2024-43639 CVE-2024-43641 CVE-2024-43643 CVE-2024-43644 CVE-2024-49019 CVE-2024-49046
Microsoft Office	5002619 5002642 5002648 5002650 5002651 5002653 5002654	High	Remote Code Execution Security Feature Bypass	CVE-2024-49026 CVE-2024-49027 CVE-2024-49028 CVE-2024-49029 CVE-2024-49030 CVE-2024-49031 CVE-2024-49032 CVE-2024-49033



Microsoft SQL Server	5046855 5046856 5046857 5046858 5046859 5046860 5046861 5046862	High	Remote Code Execution	CVE-2024-38255 CVE-2024-43459 CVE-2024-43462 CVE-2024-48993 CVE-2024-48994 CVE-2024-48995 CVE-2024-48996 CVE-2024-48997 CVE-2024-48998 CVE-2024-48999 CVE-2024-49000 CVE-2024-49001 CVE-2024-49002 CVE-2024-49003 CVE-2024-49004 CVE-2024-49005 CVE-2024-49006 CVE-2024-49007 CVE-2024-49008 CVE-2024-49009 CVE-2024-49010 CVE-2024-49011 CVE-2024-49012 CVE-2024-49013 CVE-2024-49014 CVE-2024-49015 CVE-2024-49016 CVE-2024-49017 CVE-2024-49018 CVE-2024-49021 CVE-2024-49043
Apps	-	High	Elevation of Privilege	CVE-2024-49051
Server Software	5044062	High	Spoofing	CVE-2024-49040
Open-Source Software	-	High	Remote Code Execution	CVE-2024-43598 CVE-2024-49048
System Center	-	High	Remote Code Execution	CVE-2024-5535



## Software Affected

- Microsoft Windows
- Microsoft Office
- Microsoft SQL Server
- Developer Tools
- ESU
- Azure
- Apps
- Open-Source Software
- Server Software
- System Centre

## Resolution

Apply appropriate security updates as mentioned in [here](#)

## References

### **Microsoft Security Updates dated November 2024**

<https://msrc.microsoft.com/update-guide/releaseNote/2024-Nov>