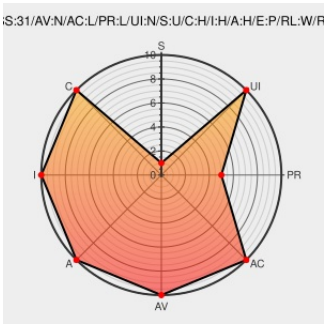
CVE-2022-41040

Published on: Not Yet Published

Last Modified on: 08/08/2023 02:21:00 PM UTC

CVE-2022-41040

Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Exchange Server from Microsoft contain the following vulnerability:

Microsoft Exchange Server Elevation of Privilege Vulnerability.

CVE-2022-41040 has been assigned by secure@microsoft.com to track the vulnerability - currently rated as HIGH severity.

Affected Vendor/Software: **Microsoft** - **Microsoft Exchange Server 2013** version **Cumulative Update 23**

Affected Vendor/Software: **Microsoft** - **Microsoft Exchange Server 2016 Cumulative Update 22** version

Affected Vendor/Software: **Microsoft** - **Microsoft Exchange Server 2019 Cumulative Update 11** version

Affected Vendor/Software: **Microsoft** - **Microsoft Exchange Server 2019 Cumulative Update 12** version

Affected Vendor/Software: **Microsoft** - **Microsoft Exchange Server 2016 Cumulative Update 23** version

CVSS3 Score: 8.8 - HIGH

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	LOW	LOW	NONE
Scope	**Confidentiality Impact**	**Integrity Impact**	**Availability Impact**
UNCHANGED	HIGH	HIGH	HIGH

CVE References

Description	Tags	Link
Microsoft November 2022 Patch Tuesday fixes 65 vulnerabilities!	www.secpod.com text/html	MISC www.secpod.com/blog/microsoft-november-2022-patch-tuesday-patches-65-vulnerabilities-including-6-zero-days/
VU#915563 - Microsoft Exchange vulnerable to server-	www.kb.cert.org	CERT-VN VU#915563

side request forgery and remote code execution.	text/html	
Security Update Guide - Microsoft Security Response Center	portal.msrc.microsoft.com text/html	MISC portal.msrc.microsoft.com/en-US/security-guidance/advisory/CVE-2022-41040
Microsoft Exchange ProxyNotShell Remote Code Execution ≈ Packet Storm	packetstormsecurity.com text/html	MISC packetstormsecurity.com/files/170066/Microsoft-Exchange-ProxyNotShell-Remote-Code-Execution.html

Related QID Numbers

150664 Microsoft Exchange Server Multiple Vulnerabilities (ProxyNotShell) (CVE-2022-41040,CVE-2022-41082)

48223 Microsoft Exchange Server Multiple Vulnerabilities Mitigation Applied (ProxyNotShell)

50122 Microsoft Exchange Server Multiple Vulnerabilities (Zero Day)(ProxyNotShell)

730621 Microsoft Exchange Server Multiple Vulnerabilities (ProxyNotShell) (Unauthenticated Check)

Exploit/POC from Github

Mass exploitation tool for ProxyNotShell (CVE-2022-41082/CVE-2022-41040) supports multi threading and written in python

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Microsoft	Exchange Server	2013	cumulative_update_23	All	All
Application	Microsoft	Exchange Server	2016	cumulative_update_22	All	All
Application	Microsoft	Exchange Server	2016	cumulative_update_23	All	All
Application	Microsoft	Exchange Server	2019	cumulative_update_11	All	All
Application	Microsoft	Exchange Server	2019	cumulative_update_12	All	All

cpe:2.3:a:microsoft:exchange_server:2013:cumulative_update_23:*:*:*:*:*:*:

cpe:2.3:a:microsoft:exchange_server:2016:cumulative_update_22:*:*:*:*:*:*:

cpe:2.3:a:microsoft:exchange_server:2016:cumulative_update_23:*:*:*:*:*:*:

cpe:2.3:a:microsoft:exchange_server:2019:cumulative_update_11:*:*:*:*:*:*:

cpe:2.3:a:microsoft:exchange_server:2019:cumulative_update_12:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
@caniffe	@GossiTheDog CVE-2022-41040 / CVE-2022-41082 - msrc-blog.microsoft.com/2022/09/29/cus…	2022-09-30 07:20:15
@TrendMicroRSRCH	UPDATE: Microsoft has released a blog acknowledging the two zero-days and assigned these CVEs: CVE-2022-41040 and C… twitter.com/i/web/status/1…	2022-09-30 08:08:40
@TrendMicroRSRCH	UPDATE: Microsoft has released a blog acknowledging the two zero-days and assigned these CVEs: CVE-2022-41040 and… twitter.com/i/web/status/1…	2022-09-30 08:09:59
@hasegawayosuke	Exchange Serverのゼロデイ(CVE-2022-41040、CVE-2022-41082)のやつ、MSから軽減策の案内出た。 / Customer Guidance for Reported Zero-day Vuln… twitter.com/i/web/status/1…	2022-09-30 08:26:49
@GossiTheDog	For example, if you have SSRF (CVE-2022-41040) you are god in Exchange, and can access any mailbox via EWS - see th… twitter.com/i/web/status/1…	2022-09-30 08:32:20
@Swati_THN	#Microsoft confirms that 2 new zero-day vulnerabilities (CVE-2022-41040, CVE-2022-41082) affecting Exchange Server… twitter.com/i/web/status/1…	2022-09-30 09:26:00
@AcooEdi	CVE-2022-41040 & CVE-2022-41082: Exchange Server Zero-Days Under Attack dlvr.it/SZG8BD via securityonline https://t.co/PxOsWENl3Q	2022-09-30 09:28:34
/r/HackProtectSlo	Ranljivost Micosoft Exchange strežnika	2022-09-30 13:25:28
/r/crowdstrike	SITUATIONAL AWARENESS // ProxyNotShell // CVE-2022-40140 & CVE-2022-41082	2022-10-01 13:56:35
/r/blueteamsec	Analyzing attacks using the Exchange vulnerabilities CVE-2022-41040 and CVE-2022-41082 - the new Exchange vulns - < 10 orgs globally	2022-10-01 16:32:31
/r/SecOpsDaily	Analyzing attacks using the Exchange vulnerabilities CVE-2022-41040 and CVE-2022-41082 - Microsoft Security Blog	2022-10-01 17:51:30
/r/u/Suitable_Air	ProxyNotShell: Detecting CVE-2022-41040 and CVE-2022-41082, Novel Microsoft Exchange Zero-Day Vulnerabilities Actively Exploited in the Wild	2022-10-01 17:30:41
/r/netcve	CVE-2022-41040	2022-10-03 01:38:33
/r/fortinet	ProxyNotShell Exchange and the Foritgate IPS	2022-10-03 15:19:14
/r/worldTechnology	Analyzing attacks using the Exchange vulnerabilities CVE-2022-41040 and CVE-2022-41082 - Microsoft Security Blog	2022-10-03 21:15:55
/r/networking	CVE-2022-41082 and CVE-2022-41040 related to Zero-day Vulnerabilities in Microsoft Exchange Server	2022-10-04 11:36:47
/r/u/serverprotips	Microsoft Exchange CVE-2022-41040 Mitigation with EOMTv2	2022-10-06 19:41:20
/r/sysadmin	Anyone notice that MS URL Rewrite for CVE-2022-41040, CVE-2022-41082 isn't quite working?	2022-10-06 19:19:39
/r/exchangeserver	Testing ProxyNotShell (CVE-2022-41040; CVE-2022-41082) mitigation?	2022-10-07 17:43:13
/r/Serverprotips	Microsoft Exchange CVE-2022-41040 Mitigation with EOMTv2 - ServerProTips	2022-10-08 21:36:15
/r/sysadmin	Is it possible to see when a IIS rewrite rule was created?	2022-10-10 07:54:05
/r/k12cybersecurity	MS-ISAC CYBERSECURITY ADVISORY - Critical Patches Issued for Microsoft Products, October 11, 2022 - PATCH: NOW	2022-10-12 13:09:24

/r/ITNoobs	What does this mean? Zero-day Vulnerabilities in Microsoft Exchange Server	2022-10-13 13:14:46
/r/exchangeserver	Side effects of disabling OWA for cve 2022-41040 41082 and reversible method	2022-10-13 19:18:30
/r/k12cybersecurity	MS-ISAC CYBERSECURITY ADVISORY - Critical Patches Issued for Microsoft Products, November 8, 2022 - PATCH: NOW	2022-11-09 13:58:02
/r/u/R00t3dNations	Utiliza NMAP para Verificar la Vulnerabilidad CVE-2022-41040 - ProxyNotShell	2022-11-14 04:34:32
/r/blueteamsec	ProxyNotShell-PoC: Working PoC for CVE-2022-41040 and CVE-2022-41082 (A.K.A ProxyNotShell) - aka Exchange in the wild 0day	2022-11-17 04:40:13
/r/KibernetinisSaugumas	Du pavojingus "Microsoft Exchange Server" pažeidžiamumus naudojantis PoC išnaudojimo kodas jau internete	2022-11-21 11:37:09
/r/HackProtectSlo	Top 10 exploited vuln 2022	2022-12-07 17:32:06
/r/netsecnews	CVE-2022-41040 and CVE-2022-41082 – zero-days in MS Exchange	2022-12-19 17:35:38
/r/UIC	CVE-2022-41040 and CVE-2022-41082 – zero-days in MS Exchange	2022-12-19 17:35:13
/r/blueteamsec	CVE-2022-41040 and CVE-2022-41082 – zero-days in MS Exchange	2022-12-20 12:10:21
/r/bugbounty	CVE-2022-41040: ProxyNotShell Exchange Vulnerability	2023-01-09 10:24:09

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