CVE-2021-28481

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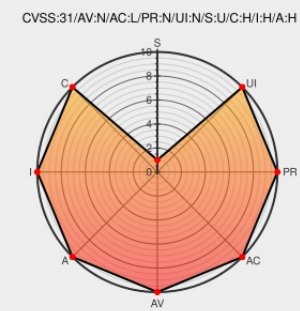
CVE-2021-28481

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



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

Microsoft Exchange Server Remote Code Execution Vulnerability This CVE ID is unique from CVE-2021-28480, CVE-2021-28482, CVE-2021-28483.

CVE-2021-28481 has been assigned by secure@microsoft.com to track the vulnerability - currently rated as CRITICAL severity.

Affected Vendor/Software: **Microsoft** - **Microsoft Exchange Server 2019 Cumulative Update 9** version

Affected Vendor/Software: **Microsoft** - **Microsoft Exchange Server 2016 Cumulative Update 20** version

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

Affected Vendor/Software: **Microsoft** - **Microsoft Exchange Server 2016 Cumulative Update 19** version

Affected Vendor/Software: **Microsoft** - **Microsoft Exchange Server 2019 Cumulative Update 8** version

CVSS3 Score: 9.8 - CRITICAL

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

CVSS2 Score: 10 - HIGH

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**

COMPLETE COMPLETE COMPLETE

CVE References

Description	Tags	Link
Security Update Guide - Microsoft Security Response Center	portal.msrc.microsoft.com text/html	MISC portal.msrc.microsoft.com/en-US/security-guidance/advisory/CVE-2021-28481

By selecting these links, you may be leaving CVEreport webspace. We have provided these links to other websites because they may have information that would be of interest to you. No inferences should be drawn on account of other sites being referenced, or not, from this page. There may be other websites that are more appropriate for your purpose. CVEreport does not necessarily endorse the views expressed, or concur with the facts presented on these sites. Further, CVEreport does not endorse any commercial products that may be mentioned on these sites. Please address comments about any linked pages to comment@cve.report.

Related QID Numbers

50109 Microsoft Exchange Server Remote Code Execution Vulnerability - April 2021

Exploit/POC from Github

Detected CVE-2021-28480,CVE-2021-28481

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_19	All	All
Application	Microsoft	Exchange Server	2016	cumulative_update_20	All	All
Application	Microsoft	Exchange Server	2019	cumulative_update_8	All	All
Application	Microsoft	Exchange Server	2019	cumulative_update_9	All	All

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

cpe:2.3:a:microsoft:exchange_server:2016:cumulative_update_19:*:*:*:*:*:*:*:

cpe:2.3:a:microsoft:exchange_server:2016:cumulative_update_20:*:*:*:*:*:*:*:

cpe:2.3:a:microsoft:exchange_server:2019:cumulative_update_8:*:*:*:*:*:*:*:

cpe:2.3:a:microsoft:exchange_server:2019:cumulative_update_9:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
@GossiTheDog	New MS Exchange patches you will want to apply. CVE-2021-28480, CVE-2021-28481, CVE-2021-28482 and CVE-2021-28483.… twitter.com/i/web/status/1…	2021-04-13 17:02:49
@daniel_bilar	via @certbund @thezdi 0days patches for on-prem MS Exchange CVE-2021-28480 (RCE, pre-auth) CVE-2021-28481 (RCE,… twitter.com/i/web/status/1…	2021-04-13 18:40:57

@CVEreport	CVE-2021-28481 : Microsoft Exchange Server Remote Code Execution Vulnerability This CVE ID is unique from CVE-2021-… twitter.com/i/web/status/1…	2021-04-13 20:15:58
@ipssignatures	The vuln CVE-2021-28481 has a tweet created 0 days ago and retweeted 11 times. twitter.com/zackwhittaker/… #pow1rtrtwwcve	2021-04-13 21:06:00
@gepeto42	Of course I've updated owapocalypse.com to point to CVE-2021-28481. What kind of lame free service it would… twitter.com/i/web/status/1…	2021-04-13 22:08:00
@_GrimSqueaker_	tenable.com/blog/cve-2021-… @TenableSecurity #TenableResearch	2021-04-13 23:49:31
@papa_anniekey	Exchange Serverは今月も出ています (CVE-2021-28480/CVE-2021-28481/CVE-2021-28482/CVE-2021-28483) 。これはオンプレExchangeのみが対象。悪用観測なし、一般公開なし。	2021-04-14 00:40:51
@lotusdll	CVE-2021-28480, CVE-2021-28481, CVE-2021-28482, CVE-2021-28483	2021-04-14 03:00:38
@EurekaBerry	CVSS Base Score 9 以上は 9.8 CVE-2021-28480/CVE-2021-28481 Exchange 認証なしユーザー操作なしリモートコード実行 9.0 CVE-2021-28483 Exchange… twitter.com/i/web/status/1…	2021-04-14 03:08:36
@huzeyfeonal	MS Exchange kullanıcıları için yine, yeniden "acil" yama vakti. CVE-2021-28480, CVE-2021-28481, CVE-2021-28482 and… twitter.com/i/web/status/1…	2021-04-14 05:13:16
@ikatzsolutions	Addendum: msrc.microsoft.com/update-guide/v… msrc.microsoft.com/update-guide/v…	2021-04-14 07:23:30
@stevedeft	CVE-2021-28480, CVE-2021-28481, CVE-2021-28482 and CVE-2021-28483. All of this are RCE, 2 pre-auth. Not found in w… twitter.com/i/web/status/1…	2021-04-14 07:37:33
@rikmerremkir	@orange_8361 Impressive! Are those vulnerabilities related to CVE-2021-28480, CVE-2021-28481, CVE-2021-28482 and CV… twitter.com/i/web/status/1…	2021-04-14 08:19:10
@ka0com	CVE-2021-28480, CVE-2021-28481, CVE-2021-28482, CVE-2021-28483: Four Critical Microsoft Exchange Server Vulnerabili… twitter.com/i/web/status/1…	2021-04-14 09:13:13
@Art_Capella	CVE-2021-28480, CVE-2021-28481, CVE-2021-28482, CVE-2021-28483: Four Critical Microsoft Exchange Server Vulnerabili… twitter.com/i/web/status/1…	2021-04-14 10:01:15
@Michal_Jarski	CVE-2021-28480, CVE-2021-28481, CVE-2021-28482, CVE-2021-28483: Four Critical Microsoft Exchange Server Vulnerabili… twitter.com/i/web/status/1…	2021-04-14 10:31:59
@tony_cleal	tenable.com/blog/cve-2021-…	2021-04-14 12:25:31
@DragonJAR	Los 4 CVE resueltos para #Exchange son: CVE-2021-28480 CVE-2021-28481 CVE-2021-28482 CVE-2021-28483 Y el anuncio… twitter.com/i/web/status/1…	2021-04-14 13:04:56
@CFCSsitcen	Microsoft har fundet og udgivet en patch til 2 RCE sårbarheder I Exchange (CVE-2021-28480, CVE-2021-28481) ifbm. de… twitter.com/i/web/status/1…	2021-04-14 13:53:40
@Carisma020	#microsoft #Exchange #security Het gaat om de "kwetsbaarheden CVE-2021-28480 en CVE-2021-28481. Ze worden door Micr… twitter.com/i/web/status/1…	2021-04-14 14:51:44
@CSA_DVillamizar	#microsoft #Exchange #security These are the "vulnerabilities CVE-2021-28480 and CVE-2021-28481. They are referred… twitter.com/i/web/status/1…	2021-04-14 14:52:19
@Har_sia	CVE-2021-28481 har-sia.info/CVE-2021-28481… #HarsiaInfo	2021-04-16 18:32:04
@whitehoodie4	@Ceramicskate0 CVE-2021-28481	2021-09-27 10:55:53
@antoniosanzalc	ProxyOracle (may2021): CVE-2021-31195 / CVE-2021-31196 abr2021: CVE-2021-28482 / CVE-2021-28481 / CVE-2021-28480… twitter.com/i/web/status/1…	2022-10-10 06:17:01
@attritionorg	@Automox In this blog: automox.com/blog/automox-e… You use CVE-2021-2848 at one point, that should be CVE-2021-28481	2022-11-17 16:43:42

/r/sysadmin	Critical Exchange CVEs for April 2021 are here, are you ready for another round?	2021-04-13 18:42:47
/r/vulnintel	4 new Microsoft Exchange Server RCE	2021-04-13 21:59:12

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