

A part of the **Department of the Environment, Climate & Communications**




NCSC Alert

**Microsoft Exchange Server Vulnerabilities - April 2021
(CVE-2021-28480, CVE-2021-28481, CVE-2021-28482,
CVE-2021-28483)
2021-04-14**

Status: TLP-WHITE

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Threat Type	<p>As part of its Patch Tuesday program, Microsoft has released information on new vulnerabilities in Exchange Server (2013, 2016, 2019). The advisory from Microsoft can be found here.</p> <ul style="list-style-type: none"> • CVE-2021-28480: Microsoft Exchange Server Remote Code Execution Vulnerability (CVSS:3.0 Base Score 9.8) • CVE-2021-28481: Microsoft Exchange Server Remote Code Execution Vulnerability (CVSS:3.0 Base Score: 9.8) • CVE-2021-28482: Microsoft Exchange Server Remote Code Execution Vulnerability (CVSS:3.0 Base Score: 8.8) • CVE-2021-28483: Microsoft Exchange Server Remote Code Execution Vulnerability (CVSS:3.0 Base Score: 9.0)
Products Affected	<ul style="list-style-type: none"> • Exchange Server 2013 • Exchange Server 2016 • Exchange Server 2019
Impact	<p>Remote Code Execution - compromised systems, data loss.</p>
Recommendations	<p>The NCSC recommends that affected organisations review the Microsoft Guidance here and patch systems as soon as possible. The April 2021 Security update can only be installed if the Exchange Server Environment is running one of the supported Cumulative Updates (CU). Review the graphic below and if necessary, follow the directions given here on how to install a supported CU.</p>  <pre> graph LR A["Exchange Server is running one of the following supported CUs: • Exchange Server 2013 CU23 • Exchange Server 2016 CU19 or CU20 • Exchange Server 2019 CU8 or CU9"] --> B["Install April 2021 Security Updates"] B --> C["Exchange is up to date Updated for all known security vulnerabilities including April 2021"] D["Exchange Server is NOT running any of the above supported CUs."] --> E["Install supported CU https://aka.ms/ExchangeUpdateWizard"] E --> F["Install April 2021 Security Updates"] F --> G["Exchange is up to date Updated for all known security vulnerabilities including April 2021"] </pre>

¹<https://techcommunity.microsoft.com/t5/exchange-team-blog/released-april-2021-exchange-server-security-updates/ba-p/2254617>

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