

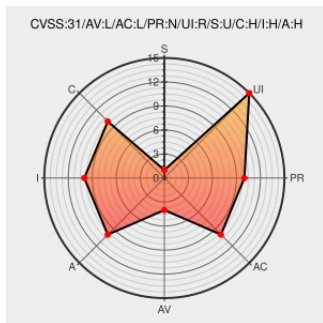


CVE-2021-46158

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CVE-2021-46158

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

Certain versions of [Simcenter Femap](#) from [Siemens](#) contain the following vulnerability:

A vulnerability has been identified in Simcenter Femap V2020.2 (All versions), Simcenter Femap V2021.1 (All versions). Affected application contains a stack based buffer overflow vulnerability while parsing NEU files. This could allow an attacker to execute code in the context of the current process. (ZDI-CAN-15085, ZDI-CAN-15289, ZDI-

CAN-15602)

CVE-2021-46158 has been assigned by [S](#) productcert@siemens.com to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: [S](#) **Siemens** - **Simcenter Femap V2020.2** version **All versions**

Affected Vendor/Software: [S](#) **Siemens** - **Simcenter Femap V2021.1** version **All versions**

CVSS3 Score: **7.8 - HIGH**

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

CVSS2 Score: **6.8 - MEDIUM**

Access Vector	Access Complexity	Authentication
NETWORK	MEDIUM	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
PARTIAL	PARTIAL	PARTIAL

CVE References

Description	Tags	Link
ZDI-22-311 Zero Day Initiative	www.zerodayinitiative.com text/html	 MISC www.zerodayinitiative.com/advisories/ZDI-22-311/
	cert-portal.siemens.com application/pdf	 MISC cert-portal.siemens.com/productcert/pdf/ssa-609880.pdf
ZDI-22-313 Zero Day Initiative	www.zerodayinitiative.com text/html	 MISC www.zerodayinitiative.com/advisories/ZDI-22-313/
ZDI-22-312 Zero Day Initiative	www.zerodayinitiative.com text/html	 MISC www.zerodayinitiative.com/advisories/ZDI-22-312/

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Siemens	Simcenter Femap	2020.2	-	All	All
Application	Siemens	Simcenter Femap	2020.2	maintenance_pack1	All	All
Application	Siemens	Simcenter Femap	2020.2	maintenance_pack2	All	All
Application	Siemens	Simcenter Femap	2020.2	maintenance_pack3	All	All
Application	Siemens	Simcenter Femap	2021.1	-	All	All
Application	Siemens	Simcenter Femap	2021.1	maintenance_pack1	All	All
Application	Siemens	Simcenter Femap	2021.1	maintenance_pack2	All	All
Application	Siemens	Simcenter Femap	2021.1	maintenance_pack3	All	All

cpe:2.3:a:siemens:simcenter_femap:2020.2:-:*:*:*:*:

cpe:2.3:a:siemens:simcenter_femap:2020.2:maintenance_pack1:*:*:*:*:

cpe:2.3:a:siemens:simcenter_femap:2020.2:maintenance_pack2:*:*:*:*:

cpe:2.3:a:siemens:simcenter_femap:2020.2:maintenance_pack3:*:*:*:*:

cpe:2.3:a:siemens:simcenter_femap:2021.1:-:*:*:*:*:

cpe:2.3:a:siemens:simcenter_femap:2021.1:maintenance_pack1:*:*:*:*:

cpe:2.3:a:siemens:simcenter_femap:2021.1:maintenance_pack2:*:*:*:*:

cpe:2.3:a:siemens:simcenter_femap:2021.1:maintenance_pack3:*:*:*:*:

No vendor comments have been submitted for this CVE

Social Mentions		
Source	Title	Posted (UTC)
 @CVEreport	CVE-2021-46158 : A vulnerability has been identified in Simcenter Femap V2020.2 All versions , Simcenter Femap V20... twitter.com/i/web/status/1...	2022-02-09 15:27:29
 /r/netcve	CVE-2021-46158	2022-02-09 16:39:31

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