



CVE-2021-46161

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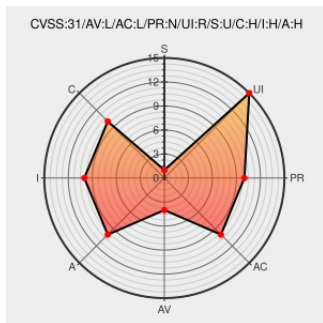
CVE-2021-46161

[Source: Mitre](#)

[Source: NIST](#)

[CVE.ORG](#)

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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 an out of bounds write past the end of an allocated structure while parsing specially crafted NEU files. This could allow an attacker to execute code in the context of the current process. (ZDI-CAN-15302)

CVE-2021-46161 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-22-316 Zero Day Initiative	www.zerodayinitiative.com text/html	 MISC www.zerodayinitiative.com/advisories/ZDI-22-316/
	cert-portal.siemens.com application/pdf	 MISC cert-portal.siemens.com/productcert/pdf/ssa-609880.pdf
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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-2021-46161 : A vulnerability has been identified in Simcenter Femap V2020.2 All versions ,	2022-02-09



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2022-02-09

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