# CVE-2020-23591

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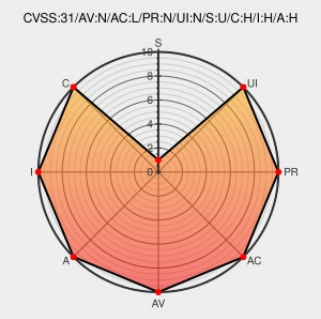
## CVE-2020-23591

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




Certain versions of Op-xt71000n from Optilinknetwork contain the following vulnerability:

A vulnerability in OPTILINK OP-XT71000N Hardware Version: V2.2 , Firmware Version: OP_V3.3.1-191028 allows an attacker to upload arbitrary files through " /mgm_dev_upgrade.asp " which can "delete every file for Denial of Service (using 'rm -rf *.*' in the code), reverse connection (using '.asp' webshell), backdoor.

CVE-2020-23591 has been assigned by cve@mitre.org to track the vulnerability - currently rated as CRITICAL severity.

### 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 |

### CVE References

| Description | Tags | Link |
|---|---|---|
| GitHub - huzaifahussain98/CVE-2020-23591: ARBITAR FILE UPLOAD LEADS TO "delete every file for Denial of Service (using 'rm -rf *.*' in the code), reverse connection (using '.asp' webshell), backdoor , Escalation of Privileges, etc". | github.com text/html | MISC github.com/huzaifahussain98/CVE-2020-23591 |



There are currently no QIDs associated with this CVE

## Exploit/POC from Github

ARBITAR FILE UPLOAD LEADS TO "delete every file for Denial of Service (using 'rm -rf *.*' in the code), reverse conne…

## Known Affected Configurations (CPE V2.3)

| Type | Vendor | Product | Version | Update | Edition | Language |
|---|---|---|---|---|---|---|
| Hardware | Optilinknetwork | Op-xt71000n | 2.2 | All | All | All |
| Operating System | Optilinknetwork | Op-xt71000n Firmware | 3.3.1-191028 | All | All | All |

cpe:2.3:h:optilinknetwork:op-xt71000n:2.2:*:*:*:*:*:*:*:

cpe:2.3:o:optilinknetwork:op-xt71000n_firmware:3.3.1-191028:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

## Social Mentions

| Source | Title | Posted (UTC) |
|---|---|---|
| @CVEreport | CVE-2020-23591 : A vulnerability in OPTILINK OP-XT71000N Hardware Version: V2.2 , Firmware Version: OP_V3.3.1-19102… twitter.com/i/web/status/1… | 2022-11-23 02:03:28 |
| @JohnJasonFallow | New vulnerability on the NVD: CVE-2020-23591 ift.tt/Yl6rwMW | 2022-11-23 06:16:54 |
| /r/netcve | CVE-2020-23591 | 2022-11-23 03:38:47 |

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