



# CVE-2019-18642

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## CVE-2019-18642

Source: Mitre

Source: NIST

CVE.ORG

Print: PDF

CVSS:31/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H



Certain versions of [Rock Rms](#) from [Sparkdevnetwork](#) contain the following vulnerability:

Rock RMS version before 8.6 is vulnerable to account takeover by tampering with the user ID parameter in the profile update feature. The lack of validation and use of sequential user IDs allows any user to change account details of any other user. This vulnerability could be used to change the email address of another account, even the administrator account. Upon changing another account's email address, performing a password reset to the new email address could allow an attacker to take over any account.

CVE-2019-18642 has been assigned by [M](#) 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    |
|------------------|------------------------|---------------------|---------------------|
| <b>NETWORK</b>   | <b>LOW</b>             | <b>NONE</b>         | <b>NONE</b>         |
| Scope            | Confidentiality Impact | Integrity Impact    | Availability Impact |
| <b>UNCHANGED</b> | <b>HIGH</b>            | <b>HIGH</b>         | <b>HIGH</b>         |

CVSS2 Score: **7.5 - HIGH**

| Access Vector          | Access Complexity | Authentication      |
|------------------------|-------------------|---------------------|
| <b>NETWORK</b>         | <b>LOW</b>        | <b>NONE</b>         |
| Confidentiality Impact | Integrity Impact  | Availability Impact |
| <b>PARTIAL</b>         | <b>PARTIAL</b>    | <b>PARTIAL</b>      |

## CVE References

| Description                               | Tags                           | Link                                                            |
|-------------------------------------------|--------------------------------|-----------------------------------------------------------------|
| Rock RMS File Upload / Account Takeover / | <a href="#">CVE-2019-18642</a> | <a href="#">MISC rocktormsecurity.com/files/160766/Rock_RMS</a> |

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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 | <a href="#">Sparkdevnetwork</a> | <a href="#">Rock Rms</a> | All     | All    | All     | All      |
| Application | <a href="#">Sparkdevnetwork</a> | <a href="#">Rock Rms</a> | All     | All    | All     | All      |

cpe:2.3:a:sparkdevnetwork:rock\_rms:\*:\*:\*:\*:\*:

cpe:2.3:a:sparkdevnetwork:rock\_rms:\*:\*:\*:\*:\*:

No vendor comments have been submitted for this CVE

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