

No Limit in length of root directory name , results in memory consumption/DOS attack in ikus060/rdiffweb



Valid

Reported on Sep 24th 2022

Description

There must be a fixed length for user input parameters like root directory name. Allowing users to enter long strings may result in a DOS attack or memory corruption

Proof of Concept

1)Go to <https://rdiffweb-demo.ikus-soft.com/admin/users> endpoint . 2)Click on add user
3)Here you will see that there is no limit for the root directory name length that allows a user to to set a very long string as long as 1 million characters 4)This may possible result in a memory corruption/DOS attack

Mitigation: There must be a fixed length for the root directory name - upto 256 characters

Impact

Allows an attacker to set a root directory name with long string leading to memory corruption/possible DOS attack

Occurrences



admin_users.html L1-L122

CVE

CVE-2022-3295

(Published)

Vulnerability Type

CWE-770: Allocation of Resources Without Limits or Throttling

Severity

Medium (5.3)

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Registry
Pypi

Affected Version
2.4.6

Visibility
Public

Status
Fixed

Found by



nehalr777

@nehalr777

master ▼

Fixed by



Patrik Dufresne

@ikus060

unranked ▼

This report was seen 702 times.

We are processing your report and will contact the **ikus060/rdiffweb** team within 24 hours.
2 months ago

Patrik Dufresne assigned a CVE to this report 2 months ago

Patrik Dufresne validated this vulnerability 2 months ago

nehalr777 has been awarded the disclosure bounty ✓

The fix bounty is now up for grabs

The researcher's credibility has increased: +7

Patrik Dufresne marked this as fixed in **2.4.8** with commit **667657** 2 months ago

Patrik Dufresne has been awarded the fix bounty ✓

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Patrik Dufresne has been awarded the fix bounty ✓

This vulnerability will not receive a CVE ✗

admin_users.html#L1-L122 has been validated ✓

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