

🔒 Closed giantbranch opened this issue on Jul 23, 2020 · 1 comment

Author: giantbranch of NSFOCUS Security Team

Floating point exception was found in PackLinuxElf32::elf\_lookup of p\_lx\_elf.cpp (the latest commit of the devel branch)

through debugging, because of div 0

ASAN reports:

### What should have happened?

Check if the file is normal, exit if abnormal

Add more checks

How can we reproduce the issue?

```
upx.out -d <poc_filename>

poc:
tests_1119229d81ae333c2b95061a6d3ab57e09049c74_.tar.gz
```

Please tell us details about your environment.


- UPX version used ( `upx --version` ):  
  
upx 4.0.0-git-87b73e5cfdc1+  
UCL data compression library 1.03  
zlib data compression library 1.2.8  
LZMA SDK version 4.43  
Copyright (C) 1996-2020 Markus Franz Xavier Johannes Oberhumer  
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UPX comes with ABSOLUTELY NO WARRANTY; for details t
- Host Operating System and version: Ubuntu 16.04.2 LTS
- Host CPU architecture: x86\_64
- Target Operating System and version: same as Host
- Target CPU architecture: same as Host

 **jreiser** added a commit that referenced this issue on Jul 23, 2020

 Avoid @==nbucket ... 8d1d605

**jreiser** commented on Jul 23, 2020 Collaborator

Fixed on devel branch by above commit.

 **giantbranch** closed this as completed on Jul 27, 2020

 **markus-oberhumer** pushed a commit that referenced this issue on Aug 17

 Avoid @==nbucket ... 9dfc8f5

Assignees

No one assigned

Labels

None yet

Projects

None yet

Milestone

No milestone

Development

No branches or pull requests

2 participants

