



CVE-2017-20166

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[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#)

Certain versions of [Ecto](#) from [Ecto Project](#) contain the following vulnerability:

Ecto 2.2.0 lacks a certain protection mechanism associated with the interaction between `is_nil` and `raise`.

CVE-2017-20166 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

NETWORK

LOW

NONE

NONE

Scope

Confidentiality
Impact

Integrity
Impact

Availability
Impact

UNCHANGED

HIGH

HIGH

HIGH

CVE References

Description

Tags

Link

Add support for clauses with nil values in
`Repo.get\_by(!)/2` by tlux · Pull Request #2125 ·
elixir-ecto/ecto · GitHub

[github.com](#)
[text/html](#)

[MISC github.com/elixir-ecto/ecto/pull/2125](#)

Google Groups

[groups.google.com](#)
[text/html](#)

[MISC groups.google.com/forum/#topic/elixir-ecto/0m4NPfg_MMU](#)

Revert "Add support for clauses with nil values in
`Repo.get\_by(!)/2` ... · elixir-ecto/ecto@db55b0c ·
GitHub

[github.com](#)
[text/html](#)

[MISC github.com/elixir-ecto/ecto/commit/db55b0cba6525c24ebddc88ef9ae0c1c00620250](#)

Missing `is\_nil` requirement · GHSA-2xxx-fhc8-9qvq · GitHub Advisory Database · GitHub

[github.com](#)
[text/html](#)

[MISC github.com/advisories/GHSA-2xxx-fhc8-9qvq](#)

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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	Ecto Project	Ecto	2.2.0	All	All	All
cpe:2.3:a:ecto_project:ecto:2.2.0:*:*:*:*:*:						

No vendor comments have been submitted for this CVE

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