


New issue

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# Security issue: Panic on invalid base62-encoded tokens #24

 Closed brycx opened this issue on Nov 29, 2020 · 1 comment

brycx commented on Nov 29, 2020 Collaborator

Documentation for `decode()` , which also implicitly covers `Branca::decode()` , states that:

If the input is not in Base62 format, it returns a `BrancaError::InvalidBase62Token` Result.

Prior to `v0.10.0` this was not the case, instead a panic would occur:

```
branca/src/lib.rs
Line 403 in 2fd4908
403 let decoded_data = b62_decode(BASE62, &data).expect("Base62 token is invalid.");
```


This could leave any validating instance vulnerable to potential DoS, when parsing untrusted data and unexpected panics could occur.

This behavior was corrected in `7da3274` :

```
branca/src/lib.rs
Line 427 in 289cf60
427 let decoded_data = match b62_decode(BASE62, data) {
```

brycx commented on Nov 29, 2020 Collaborator Author

I will file an advisory with RustSec for this issue, but will leave the decision of yanking affected versions up to `@return`.

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 brycx closed this as completed on Nov 29, 2020

Assignees  
No one assigned

Labels  
None yet

Projects  
None yet

Milestone  
No milestone

Development  
No branches or pull requests

1 participant  
