

pfSense Packages - Bug #11563

BIND GUI writes TXT records > 255 characters

02/27/2021 07:11 AM - Bill McGonigle

Status:	New	Start date:	02/27/2021
Priority:	High	Due date:	
Assignee:		% Done:	0%
Category:	BIND	Estimated time:	0.00 hour
Target version:		Affected Architecture:	
Affected Version:	2.4.5-p1		

Description

System: Netgate SG-3100, 2.4.5_1 (I checked the [git log](#) for pfSense-pkg-bind and didn't see a more recent fix.)

The BIND GUI will write TXT records > 255 characters, causing an invalid zone and loss of DNS service.

To be valid BIND 9 syntax the long TXT record needs to be broken up into:

```
( "LESS THAN 255"  
  "LESS THAN 255"  
  "REMAINDER STILL LESS THAN 255" )
```

This occurs easily (always?) with DKIM keys.

For ease-of-use, the GUI should probably re-combine the record for easy editing in the GUI upon load and make the BIND syntax transparent to the user.