

## NFD - Bug #4998

### Persistent Interest loop with malformed Selectors

09/04/2019 08:28 PM - Junxiao Shi

<b>Status:</b> Closed	<b>Start date:</b>
<b>Priority:</b> Normal	<b>Due date:</b>
<b>Assignee:</b>	<b>% Done:</b> 0%
<b>Category:</b> Faces	<b>Estimated time:</b> 0.00 hour
<b>Target version:</b>	
<b>Description</b>	
Steps to reproduce:	
<pre>echo 0542073208036e646e080962726f6164636173740820\$(makepasswd   openssl sha256   awk '{print \$2}') 090214000a0483a975840c021388 \   xxd -r -p   nc hobo.cs.arizona.edu 6363</pre>	
This injects a malformed packets of structure:	
<pre>Interest Name   GenericNameComponent ndn   GenericNameComponent broadcast   GenericNameComponent [RANDOM] Selectors   MetaInfo (empty) Nonce 0x83a97584 InterestLifetime 5000</pre>	
Expected: NFD drops the malformed packet. Actual: persistent Interest loop occurs across the testbed.	
This was <a href="#">observed on global testbed</a> on 04 Sep 2019. Steps above were developed according to captured packet samples.	

#### History

#1 - 09/05/2019 02:13 AM - Junxiao Shi

- Description updated

#2 - 08/14/2020 11:44 AM - Junxiao Shi

- Status changed from New to Closed

This bug no longer occurs as tested in NFD 0.7.0.

#### Files

20190904.pcap	136 KB	09/05/2019	Junxiao Shi
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