

## ndn-cxx - Bug #5145

### ValidatorConfig: checker - conflict between spec and implementation

02/08/2021 10:31 AM - Junxiao Shi

<b>Status:</b>	Closed	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Junxiao Shi	<b>% Done:</b>	100%
<b>Category:</b>	Security	<b>Estimated time:</b>	2.00 hours
<b>Target version:</b>	v0.8		
<b>Description</b>			
<a href="#">ValidatorConfig specification</a> states:			
A rule must have at least one <b>checker</b> property. A packet is treated as valid if it can pass at least one of the checkers and as invalid when it cannot pass any checkers.			
<a href="#">Rule::check function implementation</a> is:			
<pre>for (const auto&amp; checker : m_checkers) {     bool result = checker-&gt;check(pktType, pktName, k1Name, state);     if (!result) {         return result;     }     hasPendingResult = true; }</pre>			
If a rule has multiple checkers and a packet would pass some but not all checkers:			
<ul style="list-style-type: none"><li>• According to the current specification, the packet should be treated as valid.</li><li>• According to the current implementation, the packet would be treated as invalid.</li></ul>			
Either the specification or the implementation must be updated to match the other.			

### History

#### #1 - 02/16/2021 07:54 AM - Junxiao Shi

- Tags set to security

- Assignee set to Junxiao Shi

20210212 NFD call decides to update the implementation to match the current spec.

#### #2 - 02/23/2021 10:21 AM - Davide Pesavento

- Tags changed from security to security, ValidatorConfig

#### #3 - 03/09/2021 01:56 PM - Junxiao Shi

- Status changed from New to In Progress

#### #4 - 03/09/2021 03:04 PM - Junxiao Shi

- Status changed from In Progress to Code review

- % Done changed from 0 to 60

<https://gerrit.named-data.net/c/ndn-cxx/+/6372>

#### #5 - 03/18/2021 06:34 PM - Alex Afanasyev

- Status changed from Code review to Closed

- % Done changed from 60 to 100

#### #6 - 03/18/2021 07:15 PM - Junxiao Shi

- Description updated