**Suricata - Bug #5172**

**Napatech stream mismanagement following non-transient error**

03/01/2022 08:36 PM - Jeff Lucovsky

<table>
<thead>
<tr>
<th>Status:</th>
<th>New</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority:</td>
<td>Normal</td>
</tr>
<tr>
<td>Assignee:</td>
<td>Phil Young</td>
</tr>
<tr>
<td>Category:</td>
<td></td>
</tr>
<tr>
<td>Target version:</td>
<td>7.0rc1</td>
</tr>
<tr>
<td>Affected Versions:</td>
<td>5.0.8, 6.0.4</td>
</tr>
<tr>
<td>Difficulty:</td>
<td></td>
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<tr>
<td>Label:</td>
<td>Needs backport to 5.0, Needs backport to 6.0</td>
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**Description**

When a non-transient error, such as a "time merge error" occurs in the Napatech packet loop, the stream on which the error occurred is never closed. A new stream is opened, however.

Following a non-transient error from NT_NetRxGet, the stream should be closed with NT_NetRxClose before a new stream is opened.

**History**

**#1 - 03/01/2022 08:55 PM - Jeff Lucovsky**

Because the original stream is not closed, it'll fill up and then 100% packet loss follows.

A simple time change -- as shown below -- is enough to trigger the hard error

```python
import subprocess
import time
shift = 0

print(f"Shifting time by {shift} seconds")
print("Current", time.time())
replacement = int(time.time()) + shift
expected = time.time() + 10
subprocess.check_call(['date'])
subprocess.check_call(['date', '-s', f'@{replacement}'])
```

**#2 - 03/03/2022 09:46 AM - Victor Julien**

- Assignee changed from OISF Dev to Phil Young