**Ruby master - Feature #14696**

**add optname SO_ORIGINAL_DST**

04/18/2018 07:41 AM - takafan (taka fan)

<table>
<thead>
<tr>
<th>Status:</th>
<th>Rejected</th>
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<tbody>
<tr>
<td>Priority:</td>
<td>Normal</td>
</tr>
<tr>
<td>Assignee:</td>
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<td>Target version:</td>
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**Description**

SO_ORIGINAL_DST is defined in [linux kernel header](https://github.com/torvalds/linux/blob/master/include/uapi/linux/netfilter_ipv4.h) get original dst while accepting a socket from iptables target REDIRECT

I made a pull request at [github](https://github.com/ruby/ruby/pull/1859)

**Related issues:**

Is duplicate of [Ruby master - Feature #6394: Support SO_ORIGINAL_DST socket option added](https://github.com/ruby/ruby/pull/1859)

**History**

#1 - 04/19/2018 07:37 AM - akr (Akira Tanaka)

SO_ORIGINAL_DST is defined in linux kernel header, not glibc header.

The provided patch defines SO_ORIGINAL_DST as 80 in ext/socket/rubysocket.h.

There are several options:

- define the constant in Ruby as the patch. This add (one) more magic number in Ruby
- include linux kernel headers. It may conflict with glibc headers
- define the constant in application as Socket::SO_ORIGINAL_DST = 80

#2 - 04/19/2018 07:47 AM - akr (Akira Tanaka)

- Related to Feature #6394: Support SO_ORIGINAL_DST socket option added

#3 - 04/19/2018 07:48 AM - nobu (Nobuyoshi Nakada)

- Is duplicate of Feature #6394: Support SO_ORIGINAL_DST socket option added

#4 - 04/19/2018 07:48 AM - nobu (Nobuyoshi Nakada)

- Related to deleted (Feature #6394: Support SO_ORIGINAL_DST socket option)

#5 - 04/19/2018 08:21 AM - matz (Yukihiro Matsumoto)

- Status changed from Open to Rejected

I didn't know SO_ORIGINAL_DST is not defined in libc headers.

In this case, I'd suggest defining the constant in your application.

Matz.