

## Ruby master - Misc #16515

### one of authoritative name server of ruby-lang.org "pichu.netlab.jp" not responding DNS query

01/17/2020 10:00 AM - meta@vmeta.jp (Koichiro Iwao)

<b>Status:</b>	Closed
<b>Priority:</b>	Normal
<b>Assignee:</b>	
<b>Description</b>	
<p>I'm reporting issue about ruby-lang.org network infrastructure. If here's not the place to report such issues, I'd appreciate if let me know appropriate place to report such issues.</p> <p>I've notified one of name servers of ruby-lang.org seems not working properly. Two name servers are registered as authority name servers of ruby-lang.org.</p> <ul style="list-style-type: none"><li>• support.netlab.jp</li><li>• pichu.netlab.jp</li></ul> <p>The latter one pichu.netlab.jp is tardy in its DNS response. It often cause timeouts.</p> <pre>% drill docs.ruby-lang.org @pichu.netlab.jp Error: error sending query: Could not send or receive, because of network error  % drill docs.ruby-lang.org @pichu.netlab.jp Error: error sending query: Could not send or receive, because of network error  % drill docs.ruby-lang.org @pichu.netlab.jp Error: error sending query: Could not send or receive, because of network error</pre> <p>The other one support.netlab.jp seems to be working fine.</p> <pre>% drill docs.ruby-lang.org @support.netlab.jp ;; -&gt;&gt;HEADER&lt;&lt;- opcode: QUERY, rcode: NOERROR, id: 31189 ;; flags: qr aa rd ; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 0 ;; QUESTION SECTION: ;; docs.ruby-lang.org.  IN      A  ;; ANSWER SECTION: docs.ruby-lang.org.  600    IN      CNAME   dualstack.m.shared.global.fastly.net.  ;; AUTHORITY SECTION:  ;; ADDITIONAL SECTION:  ;; Query time: 62 msec ;; SERVER: 153.246.96.163 ;; WHEN: Fri Jan 17 18:48:47 2020 ;; MSG SIZE rcvd: 86</pre> <p>This causes failure in name resolution when my local dns cache is expired. Specifically, name resolution of docs.ruby-lang.org will fail at 50% chance every 600 minutes.</p> <p>I've performed above drill test via 3 different ISPs and got the same result. So I suppose this is your NaCl's name server side issue.</p> <p>Thanks,</p>	

#### History

#1 - 01/17/2020 10:02 AM - meta@vmeta.jp (Koichiro Iwao)

- Description updated

#2 - 01/23/2020 05:18 PM - jeremyevans0 (Jeremy Evans)

- Backport deleted (2.5: UNKNOWN, 2.6: UNKNOWN, 2.7: UNKNOWN)

- Tracker changed from Bug to Misc

### #3 - 01/24/2020 01:48 AM - meta@vmeta.jp (Koichiro Iwao)

```
[icepick ~]% drill docs.ruby-lang.org @pichu.netlab.jp
Error: error sending query: Could not send or receive, because of network error
[icepick ~]% drill docs.ruby-lang.org @pichu.netlab.jp
Error: error sending query: Could not send or receive, because of network error
[icepick ~]% drill docs.ruby-lang.org @pichu.netlab.jp
Error: error sending query: Could not send or receive, because of network error
```

It appears that pichu.netlab.jp has been down for a week.

### #4 - 01/29/2020 01:48 AM - meta@vmeta.jp (Koichiro Iwao)

- Subject changed from lazy DNS response (sometimes no response at all) pichu.netlab.jp (ruby-lang.org NS) to one of authoritative name server of ruby-lang.org "pichu.netlab.jp" not responding DNS query

### #5 - 02/03/2020 07:17 AM - shugo (Shugo Maeda)

- Status changed from Open to Closed

Sorry for the delay.

We have changed the secondary DNS server of ruby-lang.org to ns.tokyo.netlab.jp.

### #6 - 02/04/2020 07:20 AM - meta@vmeta.jp (Koichiro Iwao)

Also, support.netlab.jp is not responding IPv6 DNS query.

```
% drill support.netlab.jp AAAA
;; ->>HEADER<<- opcode: QUERY, rcode: NOERROR, id: 45087
;; flags: qr rd ra ; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 0
;; QUESTION SECTION:
;; support.netlab.jp.      IN      AAAA

;; ANSWER SECTION:
support.netlab.jp.      569     IN      AAAA    2001:268:306::53:1

% drill www.ruby-lang.org @2001:268:306::53:1
Error: error sending query: Could not send or receive, because of network error
% drill www.ruby-lang.org @2001:268:306::53:1
Error: error sending query: Could not send or receive, because of network error
% drill www.ruby-lang.org @2001:268:306::53:1
Error: error sending query: Could not send or receive, because of network error
```

If support.netlab.jp is not IPv6 reachable, you should remove AAAA record of support.netlab.jp.

### #7 - 02/14/2020 09:51 AM - naruse (Yui NARUSE)

Just FYI, now we use Route53 as NS:

```
% dig ruby-lang.org NS

;<<>> DiG 9.10.6 <<>> ruby-lang.org NS
;; global options: +cmd
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 62218
;; flags: qr rd ra; QUERY: 1, ANSWER: 4, AUTHORITY: 0, ADDITIONAL: 0

;; QUESTION SECTION:
;ruby-lang.org.      IN      NS

;; ANSWER SECTION:
ruby-lang.org.      51     IN      NS      ns-783.awsdns-33.net.
ruby-lang.org.      51     IN      NS      ns-1439.awsdns-51.org.
ruby-lang.org.      51     IN      NS      ns-1617.awsdns-10.co.uk.
ruby-lang.org.      51     IN      NS      ns-458.awsdns-57.com.

;; Query time: 16 msec
;; SERVER: 10.0.24.254#53(10.0.24.254)
;; WHEN: Fri Feb 14 18:51:09 JST 2020
;; MSG SIZE rcvd: 168
```

#8 - 02/19/2020 08:05 AM - meta@vmeta.jp (Koichiro Iwao)

Nice to hear that ☺☺