

Re: If gethostbyname fails it never recovers

Source: <http://coding.derkeiler.com/Archive/Perl/comp.lang.perl/2006-10/msg00001.html>

- *From:* merlyn@xxxxxxxxxxxxxxxx (Randal L. Schwartz)
 - *Date:* 05 Oct 2006 07:10:30 -0700
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"Andrew" == Andrew
DeFaria
<Andrew@xxxxxxxxxxxx>
writes:

Andrew> So I tried writing a script that would monitor this. The script calls
Andrew> gethostbyname for google.com every 15 minutes and logs the status. When
Andrew> gethostbyname fails however it never comes back. My ISP and internet
Andrew> connection may come back and nslookup at the command line will work fine. But
Andrew> my script will report failure at the next and following 15 minute
Andrew> intervals. This is very unexpected. What am I doing wrong and is there a way
Andrew> to "reset" things so that it will start working again.

Andrew> Here's a snippet:

```
Andrew> sub CheckDNS {  
Andrew> my $host = shift;
```

```
Andrew> my @ipaddrs = gethostbyname $host;  
Andrew> my $status = $?;
```

```
Andrew> if ($status ne 0 and $debug) {  
Andrew> debug "Host: $host ($status)";  
Andrew> } # if
```

```
Andrew> return $status  
Andrew> } # CheckDNS
```

Andrew> CheckDNS is called every 15 minutes with "google.com" as a parm. When a
Andrew> failure happens \$status = 2 and remains = 2 forever.

\$? is not set for a gethostbyname failure. In fact, I'm not sure anything is actually set.

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readership that the official comp.lang.perl.misc group gets.

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STOP POSTING HERE. POST TO COMP.LANG.PERL.MISC

And send email to your news server administrator to PLEASE DELETE THIS GROUP.

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