

# Re: Reverse DNS Help

---

*Source:*

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.dns/2005-04/msg00567.html>

---

- *From:* "Kevin D. Goodknecht Sr. [MVP]" <[admin@xxxxxxxxxxxxxxxx](mailto:admin@xxxxxxxxxxxxxxxx)>
  - *Date:* Fri, 15 Apr 2005 16:51:25 -0500
- 

kevin agard wrote:

> Hello all,  
>  
> I recently started managing our DNS (We were using register.com's  
> previously) and have everything working except Reverse DNS. The thing  
> is  
> driving me crazy! I have followed the instruction in KB174419 and have  
> the created the attached DNS enties. However, I'm still get bounced  
> mail  
> for "No Reverse DNS" and the test from dnsstuff says ther is no  
> record.  
>  
> Can some of you kind people take a look at the atatched files and tell  
> me  
> what I am doing wrong??

Chances are you don't own the authority for the reverse lookups on your IP address. The authority is likely held by your ISP unless they have delegated it to you. Use [www.dnsstuff.com](http://www.dnsstuff.com) to run the reverse lookup on your IP address to see where the authority is. Or you can post your actual IP address or domain name.

The delegation info you post only works if you already have authority. Some ISP's will delegate the reverse lookup to the Forward zone for your domain like this:

1.2.168.192.in-addr.domain.com.

To see how that works in the real world here's one I did last summer:

QUESTION SECTION:

155.28.95.68.in-addr.arpa. IN PTR

ANSWER SECTION:

155.28.95.68.in-addr.arpa. 7200 IN CNAME

155.28.95.68.in-addr.wftx.net.

155.28.95.68.in-addr.wftx.net. 3600 IN PTR mail.wftx.net.

The Cname is the record the ISP created, the PTR was created by me in the wftx.net forward zone.

Doing this in the DNS management console open the domain forward lookup

Re: Reverse DNS Help

zone, create a new subdomain named "in-addr", in that sub create a subdomain named "68", in that sub create a subdomain "95", in that sub, create a sub named "28", in that subdomain create a PTR with IP 155.

The zone file just has the PTR with this name:  
155.28.95.68.in-addr PTR mail.wftx.net.

I'm not sure exactly how yours is delegated, the one above is generally easier because it follows the forward lookup zone, if you move the forward zone the delegation follows.

There is another reverse delegation method, where the ISP delegates it directly to another DNS. Which appears to be how you are doing yours. The deal with this is that the reverse delegation must stay with the DNS server it is delegated to. If the ISP has delegated it to you with this method you will create a reverse lookup zone named "16-28.333.222.111.in-addr.arpa" then create the PTRs in that zone.

Without the actual IP I can't say if yours is right or not because I don't know how it was delgated.

—?

Best regards,  
Kevin D4 Dad Goodknecht Sr. [MVP]  
Hope This Helps

=====

When responding to posts, please "Reply to Group" via your newsreader so that others may learn and benefit from your issue, to respond directly to me remove the nospam. from my email address.

=====

<http://www.lonestaramerica.com/>

=====

Use Outlook Express?... Get OE\_Quotefix:  
It will strip signature out and more  
<http://home.in.tum.de/~jain/software/oe-quotefix/>

=====

Keep a back up of your OE settings and folders with OEBackup:  
<http://www.oehelp.com/OEBackup/Default.aspx>

=====

.

- 
- *Follow-Ups:*
    - ◆ **Re: Reverse DNS Help**
    - ◇ *From:* kevin agard

- **References:**

- ◆ **Reverse DNS Help**

- ◇ *From:* kevin agard

- Prev by Date: **Public DNS question – Trailing period**

- Next by Date: **Re: sub domain**

- Previous by thread: **Reverse DNS Help**

- Next by thread: **Re: Reverse DNS Help**

- Index(es):

- ◆ **Date**

- ◆ **Thread**