

Re: How Do i find the listed functions of DNSAPI

Source: <http://www.tech-archive.net/Archive/Win2000/microsoft.public.win2000.dns/2004-10/0281.html>

From: William Stacey [MVP] (*staceywREMOVE_at_mvps.org*)

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I replied to email but will post here. Can't really help with dnsapi.dll as I wrote my own resolver in c# so I did not run into this issue (but probably 1000 others while developing.) With some pushing I could probably dress it up into a general library with docs (have been meaning to do that.) hth

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William Stacey, MVP

"lloyd" <lloydmonteiro@rediffmail.com> wrote in message
news:e783765f.0410062124.7f1cb30c@posting.google.com...

> Hi ObiWan,

>

> The problem is like this. We are building a SPF record from the
> queried Domain DNS.

>

> For example, we type in IBM.Com and it returns the listed
> a,mx,ptr,include records and TXT records if any. we then process this
> information.

>

> What we noticed is that sometimes for the Domain like IBM.COM it
> returns the a,mx,ptr,txt records and sometimes it does not return any
> records.

> Resulting in our process to fail

>

> We are releasing all the memory allocated to the DNSAPI via system
> free resources.

>

> There might be a local DNS server on the Web server that hosts this
> application, if so my questions are two fold

>

> 1) What does the DNS local server do? If it has cached the Records and
> is serving us the records from its store, when and how can it be
> serving us wrong Record?

>

> 2) How to byPass the local DNS server in code?

> 3) How to clear the cache on the server, it will have to be done
> programmatically as it is a web interface and is open to all users to
> query their domain.

>

> Thanks in advance.

>

>

> "ObiWan" <anzen.NO@SPAM.gmx.net> wrote in message
news:<eLGWX42qEHA.2588@TK2MSFTNGP12.phx.gbl>...

> > <snip>

> > > What we are noticing is the intermittant and
> > > weird behaviour of the system, sometimes it

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> > > does not return any DNS record. Most of the
> > > times it does.
> > > We are struggling to solve this issue,
> >
> > Could you explain the problem with some more
> > details and/or give an example of the problem
> > you're facing ??
> >
> > Also, are you releasing the resource records
> > (buffers) returned from the DnsAPI after parsing
> > them ... or are you keeping them "hung" ?
> >
> > And since I'm at it ... did you try disabling the
> > "dnscclient" (cache) service to see if this has
> > some effect on the above behaviour ?
> >
> > That said, I think this thread may as well belong
> > to the C# newsgroup .. although, talking about
> > DNS it may belong here too
> >
> > Regards