

RE: DNS some IIS 6 websites don't resolve internally

Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.sbs/2005-09/msg01411.html>

- *From:* v-brancee@xxxxxxxxxxxxxxxxxxxxxxxx ("Brandy Nee [MSFT]")
 - *Date:* Tue, 06 Sep 2005 08:36:42 GMT
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Hello CVP,

Thank you for posting to the SBS Newsgroup.

I understand that your domain clients cannot access some websites you setup on IIS from LAN, but from the Internet clients can access them. If I have misunderstood your concern, please let me know.

Based on my experience, this issue most possibly is caused by if there is no CNAME created. Please see my following suggestions:

1> Check CNAME. To do so, please see:

- a. Go to Start -> All Programs -> Administrative Tools -> DNS.
- b. Expand to DNS\Yourdomain\Forward Lookup Zones\Yourdomain.local.
- c. On the right pane, check whether you have created Alias (CNAME) for these Websites.
- d. If you have not created yet, please right click on the right pane, select New Alias (CNAME), and fill in the information inside.

We can refer to the Companyweb as a successful example. Companyweb also is created by host header and it listens on TCP port 80, SSL port 444. We can find there is a CNAME record for Companyweb in the DNS Management.

2> After you applied the steps above and if the issue persists, please help to gather the following information for further troubleshooting:

- a. Inside the LAN, if you use the same URL as your access from the Internet, will this issue occur?
- b. On one of the client workstations in LAN, can you Ping the web site Host Header? If this client workstation cannot ping, try another client workstation, can all client workstations ping or some of them can?

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c. You mentioned that "I have a feeling somehow ;-. in DNS management correctly", please make sure that you input the SBS 2K3 Server internal IP address in the Host(A) records.

d. On the server, run "eventvwr" (without quotation marks), check whether there is any error, if yes, double click it, click the Copy button and paste the full content to the Newsgroup.

e. Repeat step 1> a – b, and capture a screen shot for this window.

I am appreciated your time! if anything is unclear, please feel free to let me know. I am looking forward to hearing from you!

Best regards,

Brandy Nee

Microsoft CSS Online Newsgroup Support

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This newsgroup only focuses on SBS technical issues. If you have issues regarding other Microsoft products, you'd better post in the corresponding newsgroups so that they can be resolved in an efficient and timely manner. You can locate the newsgroup here:

<http://www.microsoft.com/communities/newsgroups/en-us/default.aspx>

When opening a new thread via the web interface, we recommend you check the "Notify me of replies" box to receive e-mail notifications when there are any updates in your thread. When responding to posts via your newsreader, please "Reply to Group" so that others may learn and benefit from your issue.

Microsoft engineers can only focus on one issue per thread. Although we provide other information for your reference, we recommend you post different incidents in different threads to keep the thread clean. In doing so, it will ensure your issues are resolved in a timely manner.

For urgent issues, you may want to contact Microsoft CSS directly. Please check <http://support.microsoft.com> for regional support phone numbers.

Any input or comments in this thread are highly appreciated.

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>Thread-Topic: DNS some IIS 6 websites don't resolve internally
>thread-index: AcWyaTcNULRsQHjqQRupS0Vvpug4jQ==
>X-WBNR-Posting-Host: 203.98.50.24

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RE: DNS some IIS 6 websites don't resolve internally

>From: =?Utf-8?B?Q1ZQ?= <CVP@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>
>Subject: DNS some IIS 6 websites don't resolve internally
>Date: Mon, 5 Sep 2005 15:29:01 -0700
>Lines: 28
>Message-ID: <1FC2B187-B482-433E-B6B6-44F65B29EFCB@xxxxxxxxxxxx>
>MIME-Version: 1.0
>Content-Type: text/plain;
> charset="Utf-8"
>Content-Transfer-Encoding: 7bit
>X-Newsreader: Microsoft CDO for Windows 2000
>Content-Class: urn:content-classes:message
>Importance: normal
>Priority: normal
>X-MimeOLE: Produced By Microsoft MimeOLE V6.00.3790.0
>Newsgroups: microsoft.public.windows.server.sbs
>NNTP-Posting-Host: TK2MSFTNGXA03.phx.gbl 10.40.2.250
>Path: TK2MSFTNGXA01.phx.gbl!TK2MSFTNGXA03.phx.gbl
>Xref: TK2MSFTNGXA01.phx.gbl microsoft.public.windows.server.sbs:150948
>X-Tomcat-NG: microsoft.public.windows.server.sbs
>
>Hi, this is my first post in the newsgroup, please forgive me if I don't
>provide all necessary information.
>
>-SBS 2003
>-IIS 6
>-Running 5 websites along with sharepoint administration. They are set up
>in IIS to use host headers to differentiate the websites, all on the same
>port.
>-I do not believe a revers lookup zone is set up.
>
>Almost everyday (at different times) our DNS server loses the ability to
>resolve names internally (externally they resolve correctly). This only
>happens with some of the websites (sometimes all of them). DNS seems to
>correct itself after a period of time and can reslove names correclty
>again.
>I have done lots of research on host-headers and believe I have them set
>up
>correctly.
>
>The funny thing is when a website doesn't work and I switch the host (a)
>record & the host header with a site that does work the down site will
>then
>resolve properly.
>
>I have a feeling somehow I am not building the host(a) records in DNS
>management correctly.
>
>When the sites are down I can still access them through their IP address,
>just not the url.
>
>Thanks for any help.

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>

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• **Follow-Ups:**

- ◆ **RE: DNS some IIS 6 websites don't resolve internally**
◇ From: CVP
- ◆ **RE: DNS some IIS 6 websites don't resolve internally**
◇ From: CVP

• **References:**

- ◆ **DNS some IIS 6 websites don't resolve internally**
◇ From: CVP

- Prev by Date: **RE: Remote Access to Server**
- Next by Date: **RE: Terminal Session – Full Screen Problem**
- Previous by thread: **DNS some IIS 6 websites don't resolve internally**
- Next by thread: **RE: DNS some IIS 6 websites don't resolve internally**
- Index(es):
 - ◆ **Date**
 - ◆ **Thread**