

# Re: Mail sent through IIS virtual SMTP server not arriving

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*Source:*

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.framework.aspnet/2006-03/msg00626.html>

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- *From:* "antonyliu2002@xxxxxxxxxx" <antonyliu2002@xxxxxxxxxx>
  - *Date:* 3 Mar 2006 08:25:39 -0800
- 

Hi, Juan,

Thanks a lot. Unfortunately, it looks like that the SmtpClient is only available with .Net framework 2.0

Quote from

<http://msdn2.microsoft.com/en-us/library/system.net.mail.smtpclient.aspx>

<quote>

SmtpClient Class

Note: This class is new in the .NET Framework version 2.0.

Allows applications to send e-mail by using the Simple Mail Transfer Protocol (SMTP).

Namespace: System.Net.Mail

Assembly: System (in system.dll)

</quote>

I am using .Net Framework 1.1

I know nothing about 2.0 at this point of time. Is there any way to go around this?

Thanks.

Juan T. Llibre wrote:

re:

Too bad that the .Net SmtpMail class does not let us set the port number.

But it does allow you to do that :

```
static void ChangePort()  
{  
    //create the mail message
```

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```
MailMessage mail = new MailMessage();

//set the addresses
mail.From = new MailAddress("me@xxxxxxxxxxxxxx");
mail.To.Add("you@xxxxxxxxxxxxxx");

//set the content
mail.Subject = "This is an email";
mail.Body = "this is the body content of the email.";

//send the message
SmtpClient smtp = new SmtpClient("127.0.0.1");

//to change the port (default is 25), we set the port property
smtp.Port = 587;
smtp.Send(mail);
}
```

Of course, for that to work you must set IIS's SMTP server to the same port you set in your code. You can use any TCP port.

To do that, view the Properties of the Default SMTP Server; click the "Delivery" tab; click the "Outbound Connections" button; and set the port number you want in the "Tcp port" box.

That will get around your ISP's blockage of port 25.

Juan T. Llibre, asp.net MVP  
aspnetfaq.com : <http://www.aspnetfaq.com/>  
asp.net faq : <http://asp.net.do/faq/>  
foros de asp.net, en español : <http://asp.net.do/foros/>

=====  
<antonyliu2002@xxxxxxxxxx> wrote in message  
<news:1141364101.185493.190200@xx>  
Hi, Juan,

Now I am having the typical "Could not access 'CDO.Message' object" and "The transport failed to connect to the server" exceptions.

I think this has something to do with the blocking of port 25 by my ISP, SBC Yahoo DSL.

Too bad that the .Net SmtpMail class does not let us set the port number. If it did, then I could probably just let the smtp server listen to a nonstandard port just for outgoing mail.

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Juan T. Llibre wrote:

re:

But, I am trying to test if I can send email in my web application through the IIS virtual SMTP server only.

I just checked the logfile like you instructed.

You checked the HTTP log ( \\%windir%\system32\LogFiles\W3SVC1 ), but not the SMTP log.

The line :

18:25:16 130.126.83.20 POST /sendmail/vmailman.aspx 200

tells you that you POSTed to sendmail. It doesn't tell you what the smtp server did with that POST.

Please check the \\%windir%\system32\LogFiles\smtpsvc1 logs. ( and send the last 8 lines of today's log... )

Juan T. Llibre, asp.net MVP  
aspnetfaq.com : <http://www.aspnetfaq.com/>  
asp.net faq : <http://asp.net.do/faq/>  
foros de asp.net, en español : <http://asp.net.do/foros/>

=====  
<antonyliu2002@xxxxxxxxxx> wrote in message  
[news:1141343736.478843.3310@xx](mailto:news:1141343736.478843.3310@xx)  
Hi, Juan,

Thanks, I just checked the logfile like you instructed. And here is a part of it. You will see GET /favicon.ico 404 in the log. And here is a dicussion of it:

<http://www.webmasterworld.com/forum39/104.htm>

And for the definition of the HTTP code 200, see here:

<http://64.233.179.104/search?q=cache:7vjrLlciKIIJ:www.w3.org/Protocols/rfc2616/rfc2616-sec10.htm>

So, given the log below, could you diagnose what problem it is?

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Thanks.

```
#Software: Microsoft Internet Information Services 5.1
#Version: 1.0
#Date: 2006-03-02 18:25:16
#Fields: time c-ip cs-method cs-uri-stem sc-status
18:25:16 130.126.83.20 POST /sendmail/vmailman.aspx 200
18:25:16 130.126.83.20 GET /favicon.ico 404
```

Juan T. Llibre wrote:

re:

By quoting "sent", I meant that at least it looks like to have been sent.

The way to find out, for sure, is to turn on smtp logging.

To turn on logging, open the IIS Manager, and select the Default SMTP Server's properties.

You'll see the option for turning it on and for selecting the type of log.

Clicking the Properties and then the Advanced button lets you select the fields to log.

The log, by default, will be stored at  
\\windowsdir\system32\LogFiles\smtpsvc1

You should see entries like :

```
2006-03-01 14:58:32 111.111.111.111 smtpservername
SMTPSVC1 0 HELO 250 33 --
2006-03-01 14:58:32 111.111.111.111 smtpservername
SMTPSVC1 0 MAIL 250 47 --
2006-03-01 14:58:32 111.111.111.111 smtpservername
SMTPSVC1 0 RCPT 250 34 --
2006-03-01 14:58:32 111.111.111.111 smtpservername
SMTPSVC1 0 DATA 250 125 --
```

If the mail packet was successfully sent, the success code is 250.

Any other code means some sort of problem which prevented the mail from getting sent.

Check that...and let us know what you see after you attempt to send mail.

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Juan T. Llibre, asp.net MVP

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=====

<antonyliu2002@xxxxxxxx> wrote in message

[news:1141334388.659081.161380@xx](mailto:news:1141334388.659081.161380@xx)

Thanks, Bruce.

I know that I won't have any problem for my application in sending and receiving email if I simply use the SMTP server of my ISP. I tried it, and it worked perfectly fine. And in this case, I don't have do anything about the virtual SMTP server on my IIS 5.1.

But, I am trying to test if I can send email in my web application through the IIS virtual SMTP server only.

So if I end up having to forward to my ISP's SMTP server, it'll beat my objective, plus, I could have just used my ISP's SMTP service.

So, any idea about why I am not receiving the mail "sent" from the virtual SMTP? By quoting "sent", I meant that at least it looks like to have been sent.

Bruce Barker wrote:

you probably need to  
configure the smtp server to  
correctly forward mail to  
your isp's smtp server. does  
the isp smtp require  
authentication? does it  
require the from match  
authentication?

-- bruce (sqlwork.com)

<antonyliu2002@xxxxxxxx>

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wrote in message

[news:1141326363.348796.259540@xx](mailto:news:1141326363.348796.259540@xx)

I've set up  
the virtual  
smtp server  
on my IIS  
5.1 like so:

1. Assign IP  
address to  
"All  
Unassigned",  
and listen to  
port 25.
2. Access  
Connection  
granted to  
"127.0.0.1".
3. Relay  
only allow  
"127.0.0.1".
4.  
Authentication:  
"Anonymous  
access"  
only.
5. Outbound  
connection  
listen to  
TCP 25.

Besides,

6. I've  
opened up  
port 25 in  
my Linksys  
WRT45G  
wireless  
router.
7. I've made  
port 25 an  
exception in  
my WinXP  
Pro built-in  
firewall.
8.  
Unblocked  
port 25 in  
McAfee 8.0

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enterprise  
edition.

I used the  
following  
code, and

```
Response.Write("Your  
E-mail has  
been sent  
sucessfully  
- Thank  
You")
```

is executed  
and I don't  
see any  
exception.

However,  
the mail  
never  
arrived!

So, what's  
the  
problem?

Is it  
possible to  
configure  
the virtual  
SMTP  
server to  
listen to a  
non-standard  
port for just  
sending  
email? I  
heard that  
my ISP  
SBC DSL  
blocks port  
25. If this is  
possible,  
how to let it  
listen to a  
different  
port?

\*\*\*\*\* The

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```
code I use
*****

<% @ Page
Language="VB"
Debug="true"
%>
<% @
Import
Namespace="System.Web.Mail"
%>

<script
runat="server">

Sub
btnSubmit_Click(sender
as object, e
as
EventArgs)
If
Page.IsValid
Then
' Create a
new blank
MailMessage
Dim
mailMessage
As
MailMessage
= new
MailMessage
()
mailMessage.From
=
txtFrom.Text
mailMessage.To
=
txtTo.Text
mailMessage.Cc
=
txtCc.Text
mailMessage.Subject
= "Test
SMTP
Message
Send using
port"
mailMessage.Body
=
txtName.Text
```

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```
& ", "  
&txtComments.Text  
SmtpMail.SmtpServer  
=  
"127.0.0.1"  
  
Try  
SmtpMail.Send(mailMessage)  
Response.Write("Your  
E-mail has  
been sent  
sucessfully  
- Thank  
You")  
Catch ex As  
Exception  
Response.Write(("The  
following  
exception  
occurred: "  
+  
ex.ToString()))  
'check the  
InnerException  
While Not  
(ex.InnerException  
Is Nothing)  
Response.Write("-----")  
Response.Write(("The  
following  
InnerException  
reported: "  
+  
ex.InnerException.ToString()))  
ex =  
ex.InnerException  
End While  
End Try  
End If  
End Sub  
</script>
```

The HTML  
that follows  
this code  
snippet is  
not pasted.

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