

HELP: ASP.NET Site Sending E-mail and Writing to Event Log

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- *From:* "rekaeps" <nospam@xxxxxxxxxxxx>
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We are developing an ASP.NET 2.0 (C#) application, and I'm having troubles sending e-mail from the server when accessing the web site from a separate client computer. Also, in the same scenario, I'm having trouble writing to the server's event log.

Here's some details:

Server and workstation both in the same workgroup

Logged into server as local Administrator

Logged into workstation as a local user that is only in the Users group on the workstation

The local user on the workstation is also defined as a local user on the server with same name and password (and only in the Users group on the server too)

Server is Windows Server 2003 running IIS 6.0

Workstation is Windows XP Professional

ASP.NET 2.0 (C#) web site – intranet only, not a public Internet web site

Web.config snippet

```
<system.web>  
<authentication mode="Windows"/>  
<identity impersonate="true"/>  
</system.web>
```

For the e-mailing problem

..aspx code-behind code snippet

```
string fromEmail = "donotreply@xxxxxxxxxxxxxxxxxxxx";  
string fromDisplayName = "Testing SendEmail";  
string toEmail = "person@xxxxxxxxxxxx";  
string pathAndFile = @"D:\Temp\testing.log";  
string exceptionInfo = "Testing SendEmail";
```

```
System.Net.Mail.SmtpClient smtpclient = new  
System.Net.Mail.SmtpClient();
```

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```
smtpclient.DeliveryMethod =
System.Net.Mail.SmtpDeliveryMethod.PickupDirectoryFromIis;

// For smtpclient.Host, I've tried "localhost", I've tried
System.Net.Dns.GetHostName(),
// and I've tried not setting the property at all
// none of these work
smtpclient.Host = System.Net.Dns.GetHostName();

// For smtpclient.PickupDirectoryLocation, I've tried not setting it
and I've tried
// explicitly setting the path to the IIS pickup folder
// neither of these work
smtpclient.PickupDirectoryLocation = @"C:\Inetpub\mailroot\Pickup";

// For smtpclient.Port, I've tried not setting it and I've tried
explicitly setting it to 25
// neither of these work
smtpclient.Port = 25;

// For smtpclient.UseDefaultCredentials, I've tried not setting it
and I've tried
// setting it to true
// neither of these work
smtpclient.UseDefaultCredentials = true;

System.Net.Mail.MailAddress from = new
System.Net.Mail.MailAddress(fromEmail, fromDisplayName);
System.Net.Mail.MailAddress to = new
System.Net.Mail.MailAddress(toEmail);
System.Net.Mail.Attachment attachment = new
System.Net.Mail.Attachment(pathAndFile);

using (System.Net.Mail.MailMessage message = new
System.Net.Mail.MailMessage(from, to))
{
message.Attachments.Add(attachment);
message.Body = exceptionInfo;
message.Priority = System.Net.Mail.MailPriority.High;
message.Subject = "Testing SendEmail";

// Exception is throw here trying to call the Send method
smtpclient.Send(message);
}

attachment.Dispose();
```

The exception details are: System.Net.Mail.SmtpException: Cannot get IIS pickup directory.

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From the client computer, I can navigate to the site and do whatever without

any problems. But, when the site tries to send an e-mail from the server for the session started by the client in the scenario described above, it fails.

For the writing to the event log problem

```
..aspx code-behind code snippet
string exceptionInfo = "Testing WriteToEventLog";
System.Diagnostics.EventLog log = new System.Diagnostics.EventLog();
log.Log = "Application";
log.Source = "Application";

try
{
log.WriteEntry(exceptionInfo,
System.Diagnostics.EventLogEntryType.Error);
}
finally
{
log.Close();
log.Dispose();
}
```

The exception details are: System.ComponentModel.Win32Exception: Access is denied (Cannot open log for source 'Application'. You may not have write access.)

Again, from the client computer, I can navigate to the site and do whatever without any problems. But, when the site tries to write to the event log on the server for the session started by the client in the scenario described above, it fails.

Basically, this is supposed to be an exception notification thing.

Am I doing something wrong? Am I missing something? How can I make the above scenario work?

Thanks.

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