

vb6 wont connect remotely

Source:

<http://www.tech-archive.net/Archive/VB/microsoft.public.vb.winapi.networks/2006-12/msg00000.html>

- *From:* crashovaride86@xxxxxxxxxxxxx
 - *Date:* 28 Nov 2006 05:32:34 -0800
-

Hello All,

I'm writing an application for remote administration; during the beta testing of my application i have noticed that i can successfully connect to my own computer (localhost) and to another system on my same network address (for example 192.168.1.100 Server, 192.168.1.102 Client).

I have a few users helping me beta test the application, and i cannot connect to their systems, nor can they connect to mine. Winsock always fails on connection to the system. I have turned all fire walls off, configured the firewalls for the communication ports, and it fails. I have even tested the connection event, and i have changed the port configuration. From localport / remoteport, port number, and even tested older applications i have written of this matter. Which, all fail.

I have even tested similar code to mine (like netbus, and BO) and they too fail. Before anyone judges, please note i'm a CEH and i'm developing application to help penetration testers. Below is a sample code from the application (Server and Client)

```
(On the connection form)
On Error GoTo Error_Trap_Event
If Len(Combo1) > 0 And Len(Combo2) > 0 Then
With TokenRingG.Winsock1
//DO THE CONNECTION REQUEST
.Connect Combo1, Combo2
```

vb6 wont connect remotely

```
DataDlg.RichTextBox1.Text = DataDlg.RichTextBox1.Text & "-
Attempting to connect to: " & Combo1 & " On: " & Combo2 & " [
ATTEMPTING ]" &
vbNewLine
DataDlg.RichTextBox1.Text = DataDlg.RichTextBox1.Text & "-
Connection Request made on: " & Format(Date, "DDDD MMMM DD YYYY") & _
" At: " & Format(Time, "HH:MM") & Right(Time, 2) & " [
ATTEMPTING ]"
& vbNewLine
SPause (0.9)
If TokenRingG.StatusBar1.Panels(1).Text = "Connection State:"
Then
DataDlg.RichTextBox1.Text = DataDlg.RichTextBox1.Text & "!
No
connection established to: " & Combo1 & " On Port: " & Combo2 & " [
FAILED ]"
& vbNewLine & _
"! Possible Causes for a failed connection include: " &
vbNewLine & _
"(1) User is currently behind a firewall application." &
vbNewLine & _
"(2) The entity in which you are trying to connect to has
signed
off." & vbNewLine & _
"(3) The entity in which you are trying to connect to has
removed TokenRing." & vbNewLine & _
"(4) The IP address or Port Number you have entered are
incorrect or invalid." & vbCrLf & _
"(5) If you are using the port binding service You may be
entering the wrong port number." & vbCrLf
TokenRingG.Winsock1.Close
DataDlg.RichTextBox1.Text = DataDlg.RichTextBox1.Text & "!
TokenRing has now reset the connection. Please Try again. [ FAILED ] "
&
vbNewLine
Else
MsgBox "The input fields contain invalid data.", vbExclamation
End If
End With
End If
Exit Sub
Error_Trap_Event:
MsgBox Err.Number & vbCrLf & Err.Description
TokenRingG.Enabled = False
ErrorHandlerhWnd.Show
With ErrorHandlerhWnd.Text1
.Text = .Text & "Error Source: " & Err.Source & vbNewLine
.Text = .Text & "Error Number: " & Err.Number & vbNewLine
.Text = .Text & "Error Description: " & Err.Description &
vbNewLine
.Text = .Text &
```

vb6 wont connect remotely

vb6 wont connect remotely

```
"-----" & vbNewLine
.Text = .Text & "Technical Details:" & vbNewLine
.Text = .Text & "Windows Version: " & Environ("OS") & vbNewLine
.Text = .Text & "Error Date & Time: " & Format(Date, "DDDD MMMM
DD
YYYY") & " " & Time & vbNewLine
If Len(TokenRingG.Winsock1.RemoteHostIP) > 0 Then
.Text = .Text & "Connection Status: Error Experienced
During
Connection" & vbNewLine
Else
.Text = .Text & "Connection Status: Error Was Encountered
Off
Line" & vbNewLine
End If
.Text = .Text &
"-----" & vbNewLine
.Text = .Text & "End Technical Detail View(s)."
End With
```

REM //ON THE CONNECTION REQUEST FROM WINSOCK

```
MsgBox "connected"
With DataDlg.RichTextBox1
.Text = .Text & "- TokenRing has Successfully Connected to:
" &
Combo1 & " On Port: " & Combo2 & " [ OK ]" & vbNewLine
.Text = .Text & "- TokenRing is now waking up the
connection
checker. [ OK ]" & vbCrLf
TokenRingG.StatusBar1.Panels(1).Text = "Connection State:
Connected!"
TokenRingG.ConnectRemote.Enabled = False
TokenRingG.Disconnectremote.Enabled = True
TokenRingG.LineChecker.Enabled = True
TokenRingG.Toolbar1.Enabled = True
TokenRingG.OptionsMenu.Enabled = True
TokenRingG.UninstallTRG.Enabled = True
TokenRingG.Upgrade.Enabled = True
If DirectoryExists(Environ("HomeDrive") & "Program
FilesTRECE") = True Then
Open Environ("HomeDrive") & "Program
FilesTRECEETH0.log" For Append As #1
Print #1, "-a" & Combo1
Print #1, "-p" & Combo2
Close #1
.SelText = "- Dumping Connection Data to ETH0. [ OK
]" &
vbCrLf
Else
MkDir (Environ("HomeDrive") & "Program FilesTRECE")
```

vb6 wont connect remotely

vb6 wont connect remotely

```
.SelText = "# Error Discovered | Directory properly  
created. [ CORRECTED ]" & vbCrLf  
.SelText = "- Dumping Connection Data to ETH0. [ OK  
]" &  
vbCrLf  
Open Environ("HomeDrive") & "Program  
FilesTRECEETH0.log" For Append As #1  
Print #1, "-a" & Combo1  
Print #1, "-p" & Combo2  
Close #1  
End If  
Unload ConnectionDlg  
End With  
End Sub
```

```
//ON THE LISTENING END OF THE APPLICATION
```

```
Winsock1.localport = 4607
```

```
winsock1.listen
```

```
//CONNECTION REQUEST
```

```
If winsock1.State <> sckClosed Then winsock1.Close  
winsock1.accept requestID
```

```
//CHECKER TO SEE IF LINE IS ACTIVE
```

```
timer1.enabled = true
```

```
//INSIDE THE TIMER
```

```
On Error GoTo ErrorHandler
```

```
Winsock1.SendData ""
```

```
Exit Sub
```

```
ErrorHandler:
```

```
On Error Resume Next
```

```
With winsock1
```

```
.Close
```

```
.LocalPort = 4607
```

```
.Listen
```

```
End If
```

```
Timer1.Enabled = False
```

.

vb6 wont connect remotely