

ADSI Authentication from Visual Basic

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In simple terms, in a VB app, I'm prompting for a Domain, Username, and Password from a user and I want to verify that the information entered relates to a valid user and "authenticate" them.

I'm trying to do so as follows (based off of an MSDN article):

```
Dim dso As IADsOpenDSObject
Dim domain As IADsDomain
Dim szUsername As String
Dim szPassword As String
Dim szDomain As String

On Error GoTo Cleanup

szDomain = "DOMAIN NAME" ' Validate against Domain
' szDomain = "LOCAL MACHINE NAME" 'Validate against
local machine.
szUsername = "USERNAME"
szPassword = "PASSWORD"

Set dso = GetObject("WinNT:")
Set domain = dso.OpenDSObject("WinNT://" + szDomain,
szUsername, szPassword, ADS_SECURE_AUTHENTICATION)

Cleanup:
If (Err.Number <> 0) Then
    MsgBox ("An error has occurred. " & Err.Number)
End If
Set dso = Nothing
Set domain = Nothing
```

Notes:

1) This code works fine when I authenticate against a domain.

2) When I try to authenticate a local user, I set the szDomain to the local machine name and I continually get RTE 13 (Type Mismatch).