

Re: Web Service, Authentication, Security & Domains

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- *From:* "Pablo Cibraro [MVP]" <pcibraro@xxxxxxxxxxxx>
 - *Date:* Mon, 7 Aug 2006 10:41:58 -0400
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Hi Igor,

Yes, your scenario is a bit complex since the machines are not in the service domain.

Have you considered to use certificate authentication ? IIS also supports a authentication mode called certificate authentication, when the user is authenticated, IIS automatically maps the client certificate to a windows account. That task is performed by IIS and it is transparent for the service (the service only sees the authenticated windows account).

The only problem is that you have to deploy a certificate for each client machine.

This article describes how to consume a service using certificate authentication,

<http://weblogs.asp.net/kennykerr/archive/2004/09/25/234250.aspx>

Regards,

Pablo Cibraro

<http://weblogs.asp.net/cibrax>

"Igor Volkin" <igorvolkin@xxxxxxxxxxxxxxxx> wrote in message
<news:1154952960.652408.243290@xx>

kind regards to all.

I'm faced against an implementation problem on which I need some guidelines and advice.

my client has a Win2k3 domain with ActiveDirectory.

I need to implement two parts of the solution:

- a) Web Service that will run on a computer in the client's domain with access to the AD
- b) Windows application that will run on computers which are NOT part of the client's domain

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Windows application will communicate to the Web Service via internet and perform some tasks that way.

the real problem follows: users that will use Windows application have AD accounts in the client's domain, but they themselves will use Windows application on computers OUT of the domain. and my Web Service must allow Windows application users to authenticate and authorize with AD, but so that the password (in any form) is NEVER sent across the wire. data also must be transferred in a secure manner. so I need something like Kerberos, but that works in my case.

what would be the simplest, yet feasible solution to this problem? does WSE 3.0 have anything that could help me?

I hope I managed to depict the problem and I apologize for my english if it's causing any misunderstandings.

tnx in advance