

Re: Setitng OID_802_11_SSID in XP SP2

Source:

<http://www.tech-archive.net/Archive/Development/microsoft.public.development.device.drivers/2005-04/msg00939.1>

- *From:* "Arkady Frenkel" <arkadyf@xxxxxxxxxxxxxxxxxxxx>
 - *Date:* Wed, 20 Apr 2005 10:45:20 +0200
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Hi , Pavel !

That what I wrote to John (how to stop service of adapter by WZC) , but he want to stop all WZC (ndisuio) and start to talk to it and that I don't know how to do (because ,as you wrote, now MSFT decided to hide details :) of new NDISUIO), OTOH NDISPROT not suited for him because of lack of treatment of wifi OIDs there . About security : maybe John implemented (or will) his own supplicant . Btw just for trial period possible to download it by free from known companies (funk / meetinghouse IIRC).

Arkady

"Pavel A." <pavel_a@xxxxxxxxxxxxxxxxxxxx> wrote in message <news:2D3FD18B-4790-4189-A99F-63EC069F5A87@xxxxxxxxxxxxxxxxxxxx>

> "John K Gummadi" wrote:

>> Hi Pavel,

>>

>>> 1. Microsoft never said that Ndisuio driver in XP is a public interface.

>>> You've used it on your own risk, you've lost.

>>> There is a sample source code (in the DDK) similar to ndisuio, that you

>> can

>>> use instead.

>> What is the name of the sample? I can see "ndisuio" in

>> "C:\WINDDK\2600.1106\src\network\ndis" folder. Is this you're talking

>> about?

>

> This sample is named "ndisprot" in the current (Win2003 SP1) DDK.

> Name "ndisuio" belongs to the real XP component and it's sources are not

> available.

>

>>> 2. Even if you manage to set the SSID, this won't get you connected to

>>> a

>>> real life network protected by WPA or WPA2. You'll need a supplicant.

>

>> This means I have to write a driver, right? If so, are there any docs for

>> beginners, like how to install the sys file, etc., And if want to debug

>> (to

>> see if my code is really being executed), how do I do?

>

> Look... most (if not all) commercial supplicants available today are some

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> kind of drivers (transport or IM). So it seems that driver is the way to
> go.
> Then you'll need all the tools, kernel debugger and so on.
> You can buy the supplicant component (with support of course), this
> will save you many many weeks of work and nerve cells.
> Security isn't simple and cheap.
>
>> >this won't get you connected to a real life network protected by WPA or
>> WPA2.
>> I assume this is because WPA or WPA2 doesn't have corresponding OIDs
>> exposed
>> by driver like "OID_802_11_ADD_WEP" for WEP, is that correct?
>
> Yes. there are some message exchanges that go as (almost normal) data
> packets, not OIDs.
>
>> Though in the future I would love to write a driver, at the moment I'll
>> be
>> happy with just WEP if it works without having to write a driver.
>
> Ok, then the OIDs should work.
>
> Arkady: to kick the WZC off the adapter you don't need to stop WZC,
> correct?
> You once posted a fix how to use WZC API for this?
> It is a pity that Microsoft won't document how to disable WZC on certain
> adapter.
> People need this and will do this, if not by a documented way, then by
> dirty
> hacks.
> About using "ndisui0": see my 1st reply.
>
> Regards,
> --PA
>

• *Follow-Ups:*

- ◆ [Re: Setitng OID 802 11 SSID in XP SP2](#)
◇ *From:* John K Gummadi

• *References:*

- ◆ [Setitng OID 802 11 SSID in XP SP2](#)
◇ *From:* John K Gummadi
- ◆ [RE: Setitng OID 802 11 SSID in XP SP2](#)
◇ *From:* Pavel A.
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◇ *From:* Pavel A.

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