

Re: Snmp extension agent dll for generating v2c traps

Source:

<http://www.tech-archive.net/Archive/Development/microsoft.public.win32.programmer.networks/2007-08/msg00154>

- *From:* sangeetha <sangeetha@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Mon, 20 Aug 2007 09:34:03 -0700
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Hi,

Thanks a lot for the response. I have ben struggling with this for the past few weeks .

Based on your reply i just browsed the microsoft site and got to read the documentation at

http://msdn2.microsoft.com/EN-US/library/aa378988.aspx#_snmp_snmp_management_api_functions.

What i understood is these API's are used to interface to a 3rd party snmp manager.

My requirement is to use the Microsoft snmp.exe (snmp master agent) to send traps to a third party snmp manager . So in my case the microsoft snmp.exe will be sending the traps to the third party manager . Based on the info i gathered from the msdn site, i wrote an extension agent dll (using the snmp extension agent Api's) to plug into this master agent . I was successful in generating V1 traps but not the same case for V2c . And based on my exploration what i understood is -- its basically the configuration of the snmp master agent which will determine the format of the trap (of course the extension agent dll has to provide the data in expected format). i just wanted to know whether microsoft's snmp master agent supports sending V2c traps . If so , what change is required . Can you please help me in this or route this query to the concerned person/site ?

Thanks
sangeetha

"Farooque Khan" wrote:

Not sure about agent dll, but if you only want to generate traps, that can be done using snmp mgr APIs, there's no need to write an extension dll for that.

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Farooque Khan

Re: Snmp extension agent dll for generating v2c traps

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"sangeetha" <sangeetha@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
news:D2AB6BFE-3E7F-42C7-BD8C-7AA50FF1174D@xxxxxxxxxxxxxxxxxxxx

Hi,

i posted the query in comp.protocol.snmp.
but no response.
Can you please help me with this ?
whether windows 2003 server or any windows os
supports generating v2c traps using extension agent dlls
and snmp.exe ?

thanks
sangeetha

"sangeetha" wrote:

Hi,
Thankyou .. I will post this query in comp.protocol.snmp

Thanks
sangeetha

"Arkady Frenkel" wrote:

You can ask snmp questions on
comp.protocols.snmp NG
Arkady

"sangeetha"
<sangeetha@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>
wrote in message
news:7D1BF4C8-3F4A-4EB3-8855-AF61E5F0D43E@xxxxxxxxxxxxxxxxxxxx

Re: Snmp extension agent dll for generating v2c traps

Hi,

I wanted to develop an extension agent dll to generate v2c traps . I followed the examples provided in msdn (testdll.dll which uses snmpextensioninit, snmpextensiontrap) and developed an extension agent dll to generate Snmp v1 traps. As per snmpv2c rfc document i modified the variable bindings fields to contain sysuptime and snmptrapoid as the first and second variable bindings field to generate a v2c trap. But still the trap received by the manager application shows the trap is in V1 format.

Can you please let me know what modification/configuration is required in the windows setup , mibs,registry (my os is windows xp) so that the snmp master agent can generate snmpv2c traps .

Thanks
sangeetha

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