

# SNMP Error, skipping exploration on IBM...

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[gdemeester](#) 3 posts since

Dec 19, 2008

We recently setup Topology Discovery and I started doing small tests in our UAT area.

I setup to discover the segment with SNMP only, and the only errors I received were for IBM AIX p6 systems (with LPars)

It discovered VMWare, Windows, Linux but when it hit AIX it gave the following:

```
Discovery: Exploration: sttvduu1 (172.28.1.124): "SNMP": Error - Unable to achieve exploration. Network Port missing (LAN/WAN). Skipping exploration.
```

I has an admin try it manually from another system... and he got:

```
[root@mrosalp1 ~]# /usr/bin/snmpget -v 1 -c XXXXXYYYY sttvduu1 system.sysDescr.0
SNMPv2-MIB::sysDescr.0 = STRING: IBM PowerPC CHRP Computer Machine Type:
0x0800004c Processor id: 00C75A704C00 Base Operating System Runtime AIX version:
05.03.0007.0000 TCP/IP Client Support version: 05.03.0007.0001
```

SNMP is up and running, community string is OK ... no special port... and the Topology server and the AIX are on the same segment, so no firewalls either.

Any suggestions

Thanks

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Tags: topology\_discovery, foundation\_discovery



[dirk](#) 146 posts since

Oct 25, 2005 **1. Re: SNMP Error, skipping exploration on IBM P6s** Jun 2, 2009 1:48 PM


What version of TD are you using?

Have you tried performing a Virtual System discovery using the Lpar for AIX selection?



[gdemeester](#) 3 posts since

Dec 19, 2008 **2. Re: SNMP Error, skipping exploration on IBM P6s** Jun 2, 2009 1:51 PM

 in response to: [dirk](#)


I'm using Topology v1.6.

I've only used SNMP so far... does the Virtual discovery require SSH credentials?



[amit\\_gupta](#) 73 posts since

Feb 7, 2008 **3. Re: SNMP Error, skipping exploration on IBM P6s** Jun 2, 2009 11:58 PM

 in response to: [gdemeester](#)

Hi,

In LPAR environment, by default communication is supported only using SSH method, TD supports both methods( SSH and telnet), But you will be able to discover the LPAR using telnet method only if telnet is supported and you able to fire LPAR commands on HMC.



[gdemeester](#) 3 posts since

Dec 19, 2008 **4. Re: SNMP Error, skipping exploration on IBM P6s** Jun 8, 2009 9:46 AM

I understand SSH over telnet, but for this discovery, I only want to use SNMP.

If I use SNMP v2, it doesn't find any SNMP agents

SNMP Error, skipping exploration on IBM...

Jun 8, 2009 10:24:02 AM	R	Discovery: Agent identification: "SNMP": Credential test: Complete. Result: 0 agent(s) found.
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but if I use v1 and v2 methods, I get the following:

Jun 8, 2009 10:25:48 AM	R	Discovery: Agent identification: sttvduu1 (172.28.1.124): Result: "SNMP" agent available.
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Jun 8, 2009 10:25:52 AM	R	Discovery: Agent identification: sttvduu1 (172.28.1.124): Result: "SNMP" identified this system as IBM RS 6000.
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Jun 8, 2009 10:25:53 AM	R	Discovery: CI type identification: sttvduu1 (172.28.1.124): Result: "SNMP" identified Network Computer on this system
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Jun 8, 2009 10:25:55 AM	E	Discovery: Exploration: sttvduu1 (172.28.1.124): "SNMP": Error - Unable to achieve exploration. Network Port missing (LAN/WAN). Skipping exploration.
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Jun 8, 2009 10:25:55 AM	E	Discovery: Exploration: sttvduu1 (172.28.1.124): Error - "SNMP"(Network Computer) unable to find CI(s). See logs for details
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And if I go to view... there are no CIs.



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Feb 7, 2008 5. Re: **SNMP Error, skipping exploration on IBM P6s** Jun 8, 2009 11:41 PM

in response to: [gdemeester](#)

SNMP Error, skipping exploration on IBM...

Hi,

Normally IBM AIX 5.3 getting discovered using SNMP v1 and i recommned you to use SNMP V1 to discover these boxes. If you get same error then can you check using SNMP are you able to get network port information?

Thanks,

Amit