

Question

[Sergey Pavlov](#) · Sep 3, 2021

SNMP fails with "Reason: (noSuchName) There is no such variable name in this MIB."

UPDATE:

It turns out it was just me being a dummy, and the snmpd was correctly telling me there is no value associated with that exact key. I should have used snmpwalk instead of snmpget to display the whole tree.

Original Post follows:

Hello!

I'm trying to set up SNMP monitoring on Caché, using documentation and [this article](#)

I'm running net-snmp on Red Hat Enterprise Linux Server release 7.3 (with CentOS repositories), and Caché version 2017.1

It looks like snmpd is running as AgentX master, and Caché subagent is running too
/opt/cache/mgr/SNMP.log with debug shows no errors and it looks like cache subagent is loaded correctly

However, any request for values provided by ISC-CACHE.mib returns "There is no such variable name in this MIB" error, for example

```
snmpget -m ALL -c public -v 1 localhost .1.3.6.1.4.1.16563.1.1.1.1.1
Error in packet
Reason: (noSuchName) There is no such variable name in this MIB.
Failed object: ISC-CACHE::cacheSysIndex
```

I've put ISC-CACHE.mib to directory loaded by snmpd, and option -DALL shows that ISC-CACHE.mib is at least read
(i've renamed it to ISC-CACHE.txt)

```
parse-mibs: Module 53 ISC-CACHE is in /usr/share/snmp/mibs/ISC-CACHE.txt
trace: new_module(): parse.c, 4247:
```

While it's read, option -PW shows some warning with ISC-CACHE.mib, for example

```
Warning: No known translation for type (CacheSysRow): At line 85 in /usr/share/snmp/mibs/ISC-CACHE.txt
Warning: No known translation for type (CachePerfRow): At line 220 in /usr/share/snmp/mibs/ISC-CACHE.txt
Warning: No known translation for type (CacheDBRow): At line 409 in /usr/share/snmp/mibs/ISC-CACHE.txt
Warning: No known translation for type (CacheAppSrvRow): At line 508 in /usr/share/snmp/mibs/ISC-CACHE.txt
Warning: No known translation for type (CacheDataSrvRow): At line 562 in /usr/share/snmp/mibs/ISC-CACHE.txt
```

So, I'm not sure if this is normal and the problem is somewhere else, or the provided MIB is not compatible with this

version of snmpd

And I don't understand how snmpd both says "There is no such variable name" and shows the name of numeric value provided by MIB file.

Had anyone run into this exact issue before?

[#Monitoring](#) [#Caché](#)

Product version: Caché 2017.1

\$ZV: Cache for UNIX (Red Hat Enterprise Linux for x86-64) 2017.1.1 (Build 111U) Wed May 17 2017 15:49:57 EDT

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