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An exception about Learn_Client #284

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New issue

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Wasdns opened this issue 2 days ago · 1 comment



Wasdns commented 2 days ago

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Hi, @antoninbas

Thanks to your help 4 days ago, my process goes well. However, an exception ocurred today. I created a topo that has three hosts and three switches, these switches run the p4 program "l2_switch.p4". Then I want to make pingall successfully, so I setted the switches' tables through the command `./simple_switch_CLI --thrift-port [portnumber] < commands.txt`.

I started three learn_client process for every switches in topo. Of course, I provided the notification socket and the port number in the learn_client.cpp. I didn't change anything else except the socket in learn_client.cpp. I'm using the port number 22222 to 22224 in the topo.py.

eg. The learn_client.cpp in s1:

```
listener = new bm_apps::LearnListener("ipc:///tmp/bmv2-0-notifications.ipc", "localhost", ...
```

Then I applied the command `make` to generate the executable "learn_client". I started the `learn_client` after `make` successfully. However, it raised error and showed me the INFO:

```
Thrift: Sat Feb  4 21:04:05 2017 TSocket::open() connect() <Host: localhost Port: 9090>Con
terminate called after throwing an instance of 'apache::thrift::transport::TTransportExcep
what():  connect() failed: Connection refused
Aborted (core dumped)
```

It seems like I didn't provide the correct socket, but I'm confusing about the `9090`. I thought it should be `22222` and I provided correct sockets and port numbers. I found notification sockets and port numbers by using the command: `netstat -an`. The part of the output shows below:

```
Active Internet connections (servers and established)
Proto Recv-Q Send-Q Local Address           Foreign Address         State
tcp        0      0 127.0.0.1:631           0.0.0.0:*               LISTEN
tcp        0      0 127.0.0.1:6379          0.0.0.0:*               LISTEN
tcp        0      0 127.0.1.1:53            0.0.0.0:*               LISTEN
tcp        0      0 0.0.0.0:22              0.0.0.0:*               LISTEN
tcp6       0      0 :::1:631                 :::*                    LISTEN
tcp6       0      0 :::22222                 :::*                    LISTEN
tcp6       0      0 :::22223                 :::*                    LISTEN
tcp6       0      0 :::22224                 :::*                    LISTEN
tcp6       0      0 :::22                    :::*                    LISTEN
.....
Active UNIX domain sockets (servers and established)
Proto RefCnt Flags       Type       State       I-Node     Path
.....
unix    2      [ ACC ]     STREAM    LISTENING   13642      /var/run/openvswitch/db.sock
unix    2      [ ACC ]     STREAM    LISTENING   13644      /var/run/openvswitch/ovsdb-serv
unix    2      [ ACC ]     STREAM    LISTENING   11121      /tmp/.X11-unix/X0
unix    2      [ ACC ]     STREAM    LISTENING   42605      @/dbus-vfs-daemon/socket-r3AKPg!
unix    2      [ ACC ]     STREAM    LISTENING   15214      @/tmp/dbus-GXyihEfpbc
unix    2      [ ACC ]     STREAM    LISTENING   8431       @/com/ubuntu/upstart
unix    2      [ ACC ]     STREAM    LISTENING   11116      /var/run/acpid.socket
unix    2      [ ACC ]     STREAM    LISTENING   17200      @/dbus-vfs-daemon/socket-Zl2M2o
unix    2      [ ACC ]     STREAM    LISTENING   13679      /var/run/openvswitch/ovs-vswitcl
unix   25      [ ]       DGRAM          9327      /dev/log
unix    2      [ ACC ]     STREAM    LISTENING   9071       /var/run/dbus/system_bus_socket
unix    2      [ ACC ]     STREAM    LISTENING   41269      @/dbus-vfs-daemon/socket-mZ37ib
```

Assignees

 antoninbas

Labels

Projects

None yet

Milestone

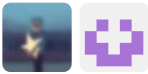
No milestone

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```
unix 2      [ ACC ]      STREAM  LISTENING  17175    @/dbus-vfs-daemon/socket-eSNRRo
unix 2      [ ACC ]      STREAM  LISTENING  17313    @/dbus-vfs-daemon/socket-yytRxli
unix 2      [ ACC ]      STREAM  LISTENING  17290    /var/run/cups/cups.sock
unix 2      [ ACC ]      STREAM  LISTENING  14994    /run/user/1000/keyring-EYTN31/ci
unix 2      [ ACC ]      STREAM  LISTENING  17205    @/dbus-vfs-daemon/socket-k0AYKM
unix 2      [ ACC ]      STREAM  LISTENING  42615    @/dbus-vfs-daemon/socket-AyVJz1
unix 2      [ ACC ]      STREAM  LISTENING  9379     /var/run/avahi-daemon/socket
unix 2      [ ACC ]      STREAM  LISTENING  48984    /tmp/bm-2-log.ipc
unix 2      [ ACC ]      STREAM  LISTENING  48987    /tmp/bmv2-2-notifications.ipc
unix 2      [ ACC ]      STREAM  LISTENING  48969    /tmp/bm-0-log.ipc
unix 2      [ ACC ]      STREAM  LISTENING  16053    /tmp/.ICE-unix/2174
unix 2      [ ACC ]      STREAM  LISTENING  48972    /tmp/bmv2-0-notifications.ipc
unix 2      [ ACC ]      STREAM  LISTENING  49008    /tmp/bm-1-log.ipc
unix 2      [ ACC ]      STREAM  LISTENING  15148    @/com/ubuntu/upstart-session/10
unix 2      [ ACC ]      STREAM  LISTENING  49011    /tmp/bmv2-1-notifications.ipc
.....
```



I tried `listener = new bm_apps::LearnListener("ipc:///tmp/bmv2-0-notifications.ipc");` as well, it showed me the same exception.



So, the notification sockets I provided is wrong? Whether it is necessary to change other files like [learn.cpp](#)?



Thank you!

Reference: [p4factory issue 180](#)

  **antoninbas** added the **bug** label 23 hours ago

  **antoninbas** self-assigned this 23 hours ago



  **antoninbas** added a commit that referenced this issue 23 hours ago



  Use right thrift socket in `bm_apps::LearnListener` ... f776f34

  **antoninbas** referenced this issue 23 hours ago

Use right thrift socket in `bm_apps::LearnListener` #285

 Merged

  **antoninbas** added a commit that referenced this issue 21 hours ago

  Use right thrift socket in `bm_apps::LearnListener` (#285) ... 9bc2cdc





antoninbas commented 21 hours ago

Member



Fixed by [#285](#)

  **antoninbas** closed this 21 hours ago



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