I am using the simbank96 (remotely) and I have issues with some slots.

When the Power Up fails the reader answers after a very long delay of 17 seconds.

The pcscd trace contains:

```
12181476 [140119642187520] <- 00000F 80 00 00 00 00 07 3D 41 FE 00
00000075 [140119642187520] commands.c:246: CmdPowerOn Card absent or mute
00000048 [140119642187520] -> 00000F 80 00 00 00 00 07 3E 03 00 00
17178026 [140119642187520] <- 00000F 80 00 00 00 00 07 3E 41 FE 00
00000090 [140119642187520] commands.c:246: CmdPowerOn Card absent or mute
00000035 [140119642187520] commands.c:275: CmdPowerOn() Power up with 1.8V failed. Try with 3V.
00000091 [140119642187520] -> 00000F 80 00 00 00 00 07 3F 02 00 00
17177975 [140119642187520] <- 00000F 80 00 00 00 00 07 3F 41 FE 00
00000069 [140119642187520] commands.c:246: CmdPowerOn Card absent or mute
00000038 [140119642187520] commands.c:275: CmdPowerOn() Power up with 3V failed. Try with 5V.
00000038 [140119642187520] ifdhandler.c:1252: IFDHPowerICC() PowerUp failed
```

I don't know if the card is faulty or if the problem is elsewhere. Electrical issue?
My problem is that a timeout of 17 seconds is very long.

I already reported a similar problem in [https://osmocom.org/issues/4815](https://osmocom.org/issues/4815). The timeout was changed from 60 seconds to 1.4 second. I don't know why I get a 17 seconds timeout here.

I have the problem for the following readers (from pcsc_scan):

Reader 9: sysmocom - s.f.m.c. GmbH sysmoOCTSIM [CCID] (6b44014933353553202020341b3815ff) 01 01
Event number: 0
Card state: Card inserted, Unresponsive card,

Reader 10: sysmocom - s.f.m.c. GmbH sysmoOCTSIM [CCID] (6b44014933353553202020341b3815ff) 01 02
Event number: 0
Card state: Card inserted, Unresponsive card,

Reader 15: sysmocom - s.f.m.c. GmbH sysmoOCTSIM [CCID] (6b44014933353553202020341b3815ff) 01 07
Event number: 0
Card state: Card inserted, Unresponsive card,

These are slots 2, 3 & 8 of the second sysmoOCTSIM.
Please take a look at the USB CCID exchanges using Wireshark: is this actually a delay related to messages from/to the device, or PCSCd being overly patient? (if in doubt attach a capture please)

Hoernchen wrote:

The response RDR_to_PC_DataBlock (80h) is coming from the reader after 17178026 μs (around 17 seconds). PCSCd is patient and waits for the reader to answer. The driver does not fail after a USB read timeout for example.

The reader is very slow to answer the PC_to_RDR_IccPowerOn command (62h).

I don't know if the problem is a dead SIM card, or a problem with the reader.

Joachim Steiger already replaced the 3 problematic cards but the problem is still present. Joachim will replace the complete octsim reader board2 on Friday.

In any case a delay of 17 seconds is very long. Since the driver tries to power up using 5V, 1.8V and 3V the total is 17 * 3 = 51 seconds.