

TERMO DE ACEITE TÉCNICO

Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Bruno Carvalho de Sá

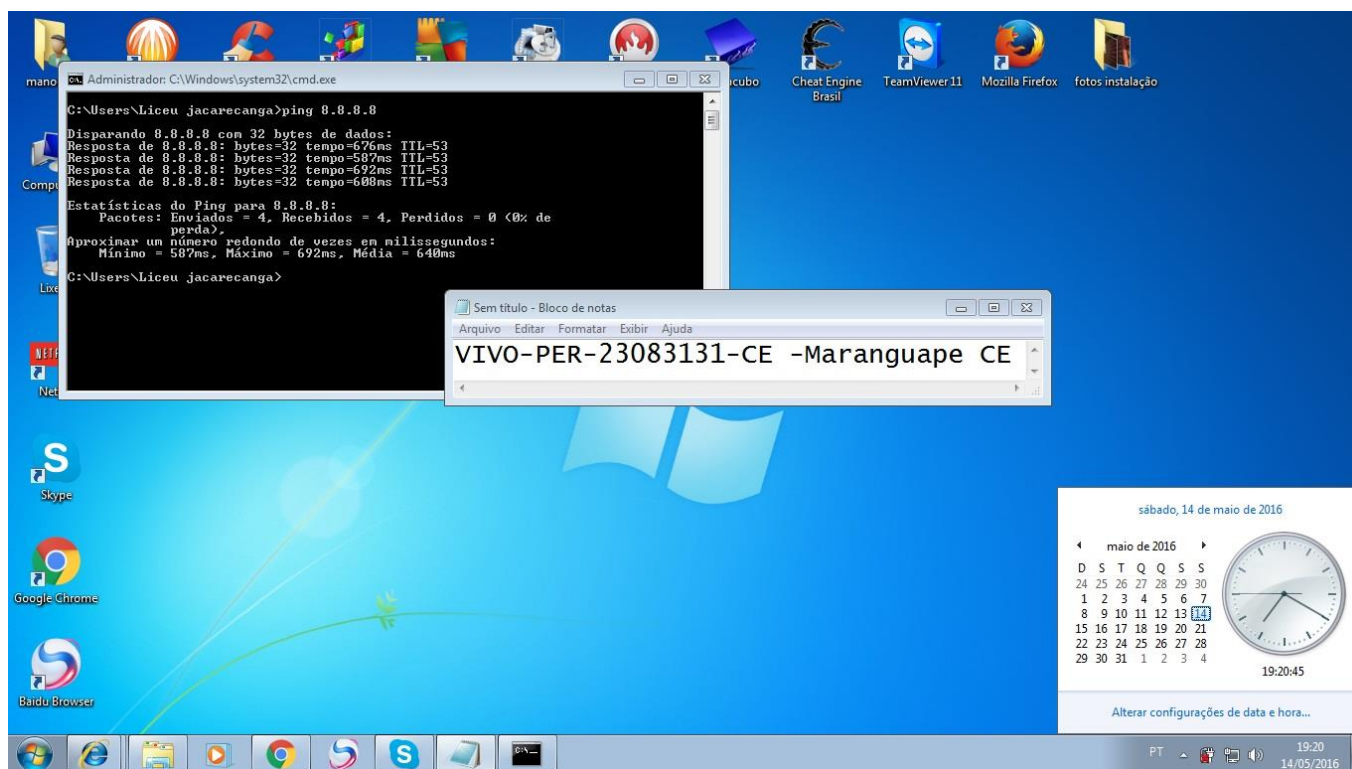
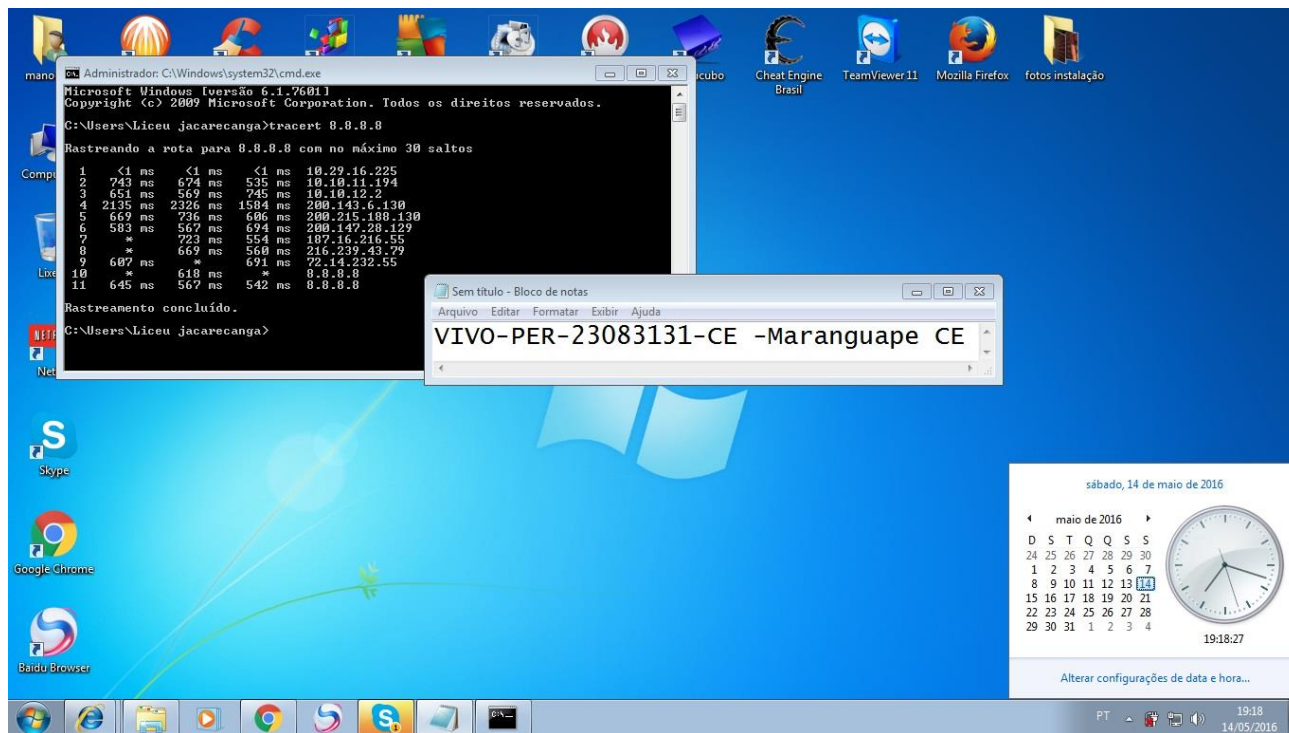
Cliente: VIVO

Empresa
EMC Brasil

VSAT-ID
VIVO-PER-23083131-CE

Link kbps
256/128

Plataforma
VSAT



```
# dvb tx show
```

Satellite (DVB) TX Configuration

```
-----
Auto start           : Enabled
IDU Output Power     : -30 dBm
IDU Max Output Power : 0.0 dBm
ODU Output Power     : 36.1 dBm
EIRP                 : 47.0 dBW
Default CW Frequency: 14.125750 GHz
ATM mode             : VC-Mux
Header Compression   : None
```

Satellite (DVB) Transmitter Status

```
-----
State                : On   (DVB-RCS)
IDU Output Power     : -18.4 dBm
ODU Output Power     : 35.4 dBm
EIRP                 : 46.3 dBW
Es/No                : 12.5 dB
Header Compression   : Disabled
Timing correction    : -100 us (261213 us)
Frequency correction : -50 Hz
```

```
# dvb rx show
```

Satellite (DVB) RX Configuration

```
-----
Auto start           : Enabled
Max Traffic MODCOD    : 23   16APSK-9/10
RX watchdog           : 15 minute
```

Idx	Pri	SymbRate[Msp/s]	Freq[GHz]	Mode	PopId	SatId	Pos	SatName	Name
Enable									
* 0	0	9.320000	12.055825	DVB-S2	102	0	0.0 E		
Yes									

Satellite (DVB) Receiver Status

```
-----
Rx State             : On
DVB State            : Forward link up
Network              : 1326, GlobalIP@Telstar-14R
Frequency            : 12.055945 GHz
Symbol Rate          : 9.320195 Msp/s
S2 ModCod
- receiving          : 15   8PSK-5/6
- current max        : 16   8PSK-8/9
Pilot                 : On
Frame length         : Short
DVB S2 Mode          : ACM
DVB S2 Stream type   : MPEG-TS
Roll off              : 0.20
SNR                   : 13.2 dB
Input Power          : -29 dBm
```

```
# ping 8.8.8.8
```

```
64 bytes from 8.8.8.8: time=620 ms
64 bytes from 8.8.8.8: time=560 ms
64 bytes from 8.8.8.8: time=820 ms
64 bytes from 8.8.8.8: time=720 ms
64 bytes from 8.8.8.8: time=570 ms
```

```
--- ping statistics ---
```

```
5 packets transmitted, 3 received, 40.00 percent packet loss
rtt min/avg/max = 560/610/720 ms
```