

Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Allan Santos

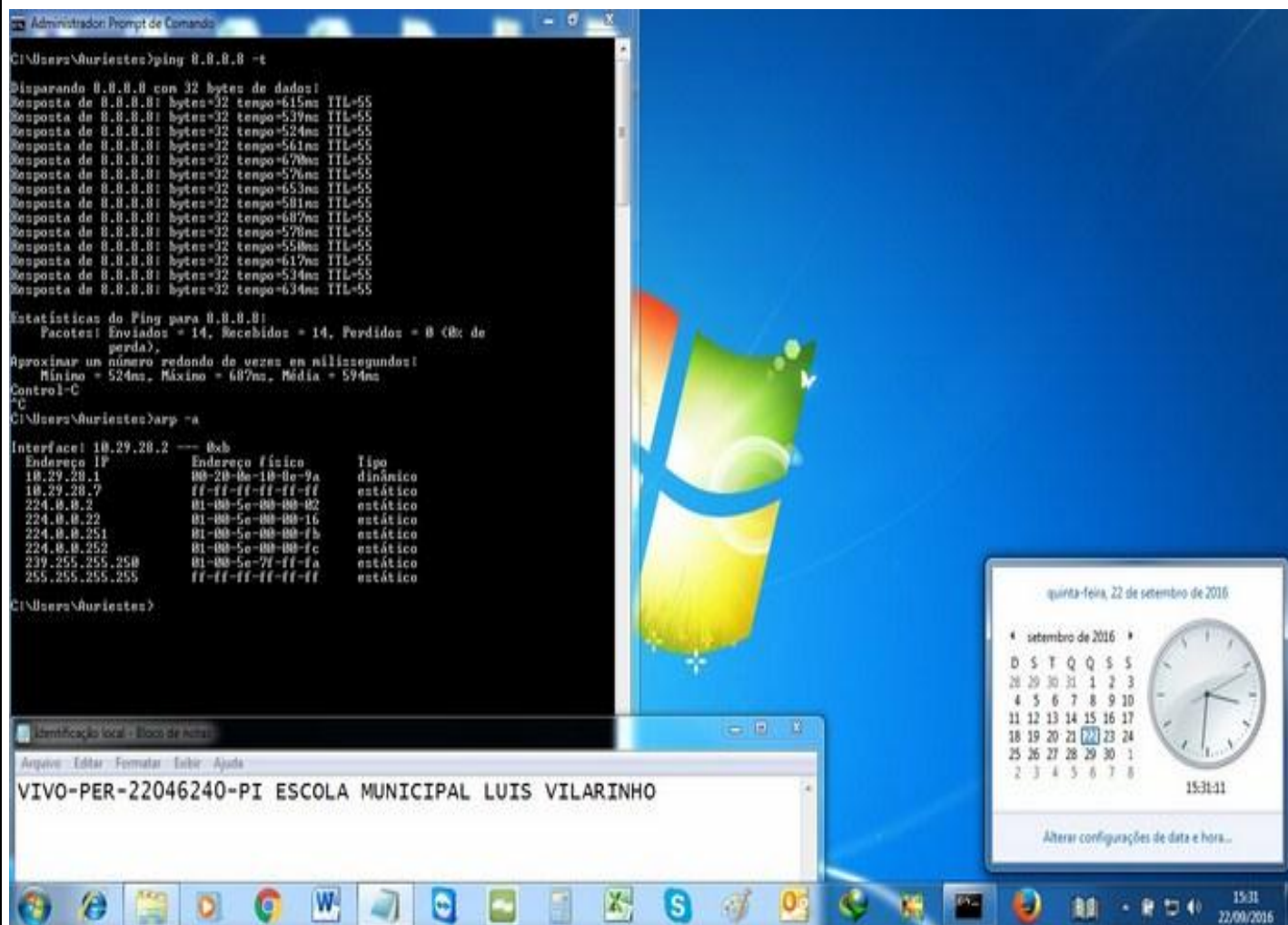
Cliente: VIVO

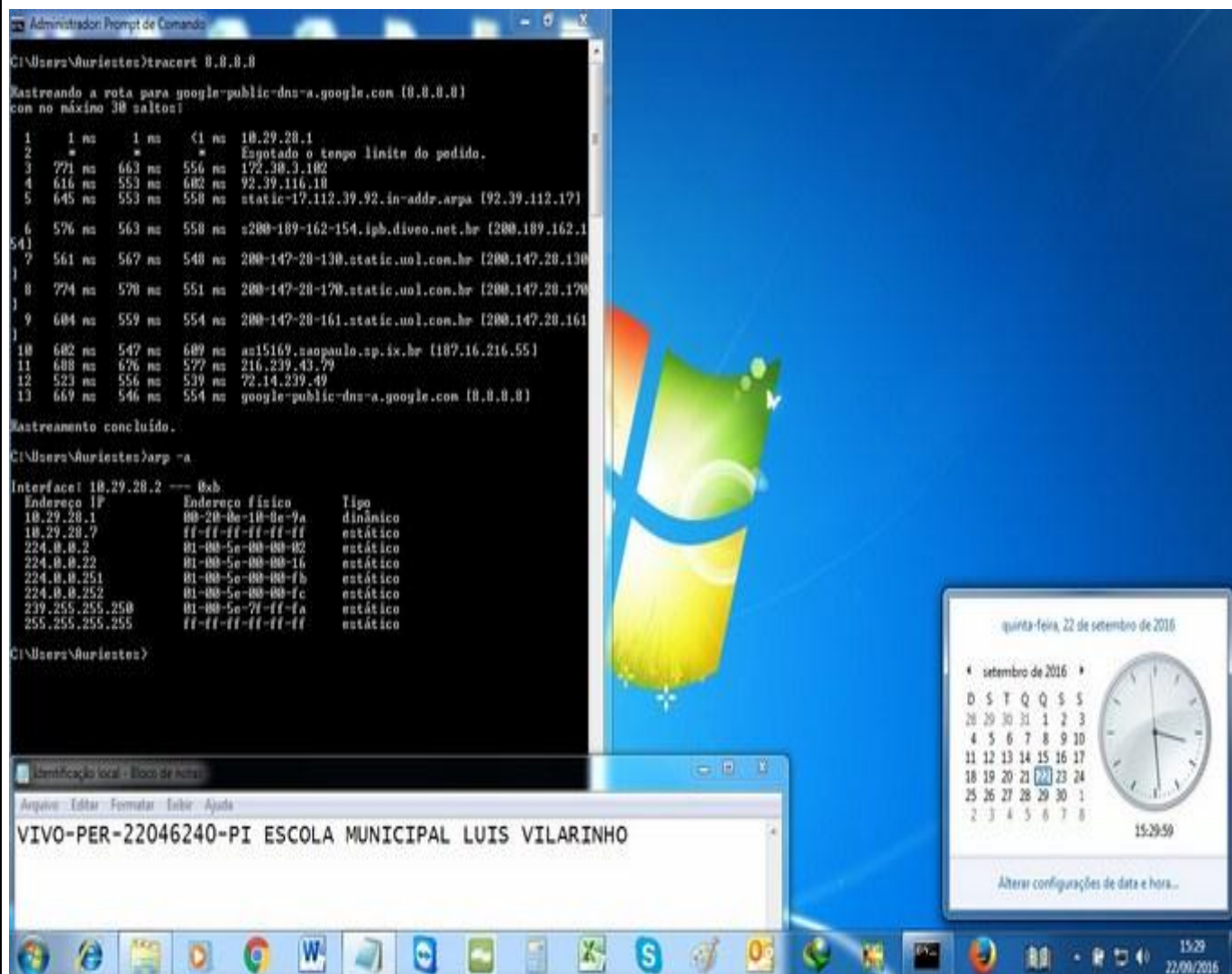
Empresa
EMC Brasil

VSAT-ID
VIVO-PER-22046240-PI

Link kbps
256k/128k

Plataforma
VSAT





```
#
# dvb tx show
```

Satellite (DVB) TX Configuration

```
-----
Auto start           : Enabled
IDU Output Power     : -20 dBm
IDU Max Output Power : 0.0 dBm
Default CW Frequency : 14.125750 GHz
ATM mode             : VC-Mux
Header Compression   : None
```

Satellite (DVB) Transmitter Status

```
-----
State                : On (DVB-RCS)
IDU Output Power     : -19.8 dBm
Es/No                : 14.5 dB
Header Compression   : Disabled
Timing correction     : -145 us (259661 us)
Frequency correction : -190 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[Mbps]	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,   T14R Beam
Frequency            : 12.055985 GHz
Symbol Rate          : 9.320113 Msps
S2 ModCod
- receiving          : 7   QPSK-3/4
- 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                  : 13.3 dB
Input Power          : -38 dBm
#
```

IP DVB 172.18.131.134/32

Ping desde o MGMT- Server ao IP de trafego e para o DVB.

Ping desde dentro da VSAT 8.8.8.8

```
# ping 8.8.8.8
64 bytes from 8.8.8.8: time=760 ms
64 bytes from 8.8.8.8: time=590 ms
64 bytes from 8.8.8.8: time=710 ms
64 bytes from 8.8.8.8: time=720 ms
64 bytes from 8.8.8.8: time=710 ms

--- ping statistics ---
5 packets transmitted, 5 received,  0.00 percent packet loss
rtt min/avg/max = 590/690/760 ms
#
```