

TERMO DE ACEITE TÉCNICO

Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Allan Santos

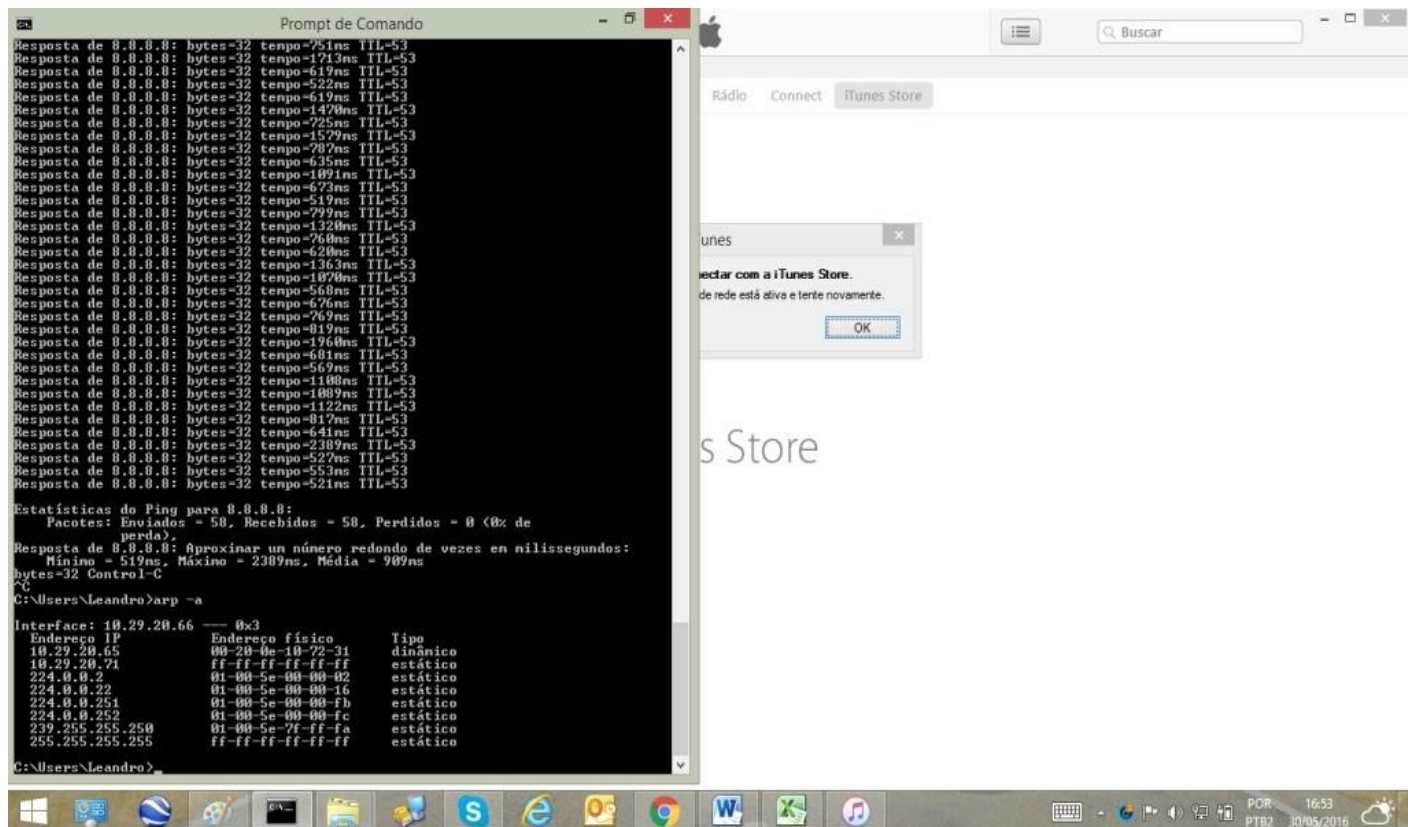
Cliente: VIVO

Empresa
EMC Brasil

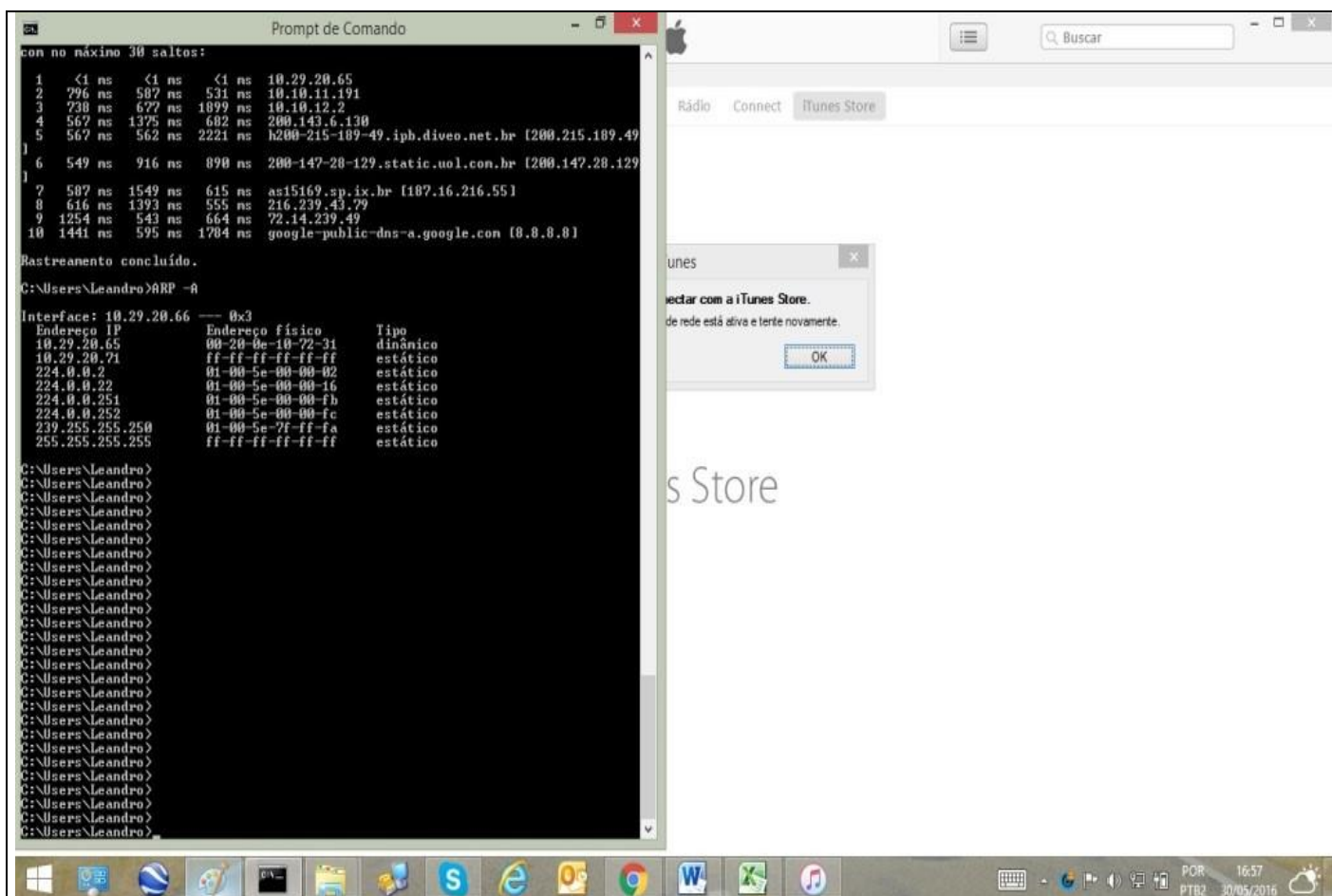
VSAT-ID
VIVO-PER-26022362-PE

Link kbps
256k/128k

Plataforma
VSAT



The screenshot displays a Windows desktop environment. On the left, a 'Prompt de Comando' (Command Prompt) window is open, showing the results of a series of ping tests to the IP address 8.8.8.8. The output lists 32 responses with their respective times and TTL values. Below the ping tests, it shows statistics for the ping (50 packets sent, 50 received, 0% loss) and the results of an 'arp -a' command, which lists the IP addresses and MAC addresses of devices on the local network. On the right, an iTunes Store window is visible, showing a message about connecting to the iTunes Store and a button labeled 'OK'. The taskbar at the bottom shows various application icons and the system clock indicating 16:53 on 30/05/2016.



```
# dvb tx show
```

Satellite (DVB) TX Configuration

```
-----
Auto start           : Enabled
IDU Output Power     : -16 dBm
IDU Max Output Power : 0.0 dBm
ODU Output Power     : 35.0 dBm
EIRP                 : 48.0 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     : -15.2 dBm
ODU Output Power     : 35.2 dBm
EIRP                 : 48.2 dBW
Es/No                : 13.0 dB
Header Compression   : Disabled
Timing correction    : -164 us (261341 us)
Frequency correction : -10 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, GlobalIP@Telstar-14R
Frequency : 12.055911 GHz
Symbol Rate : 9.320053 Msps
S2 ModCod
- receiving : 14 8PSK-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 : 13.1 dB
Input Power : -30 dBm
#

IP DVB 10.50.1.230/32

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=790 ms
64 bytes from 8.8.8.8: time=730 ms
64 bytes from 8.8.8.8: time=700 ms
64 bytes from 8.8.8.8: time=1260 ms
64 bytes from 8.8.8.8: time=1550 ms

--- ping statistics ---
5 packets transmitted, 5 received, 0.00 percent packet loss
rtt min/avg/max = 700/1000/1550 ms
#