TERMO DE ACEITE TÉCNICO

Solicitante: VIVO- Projeto Escolas Rurais
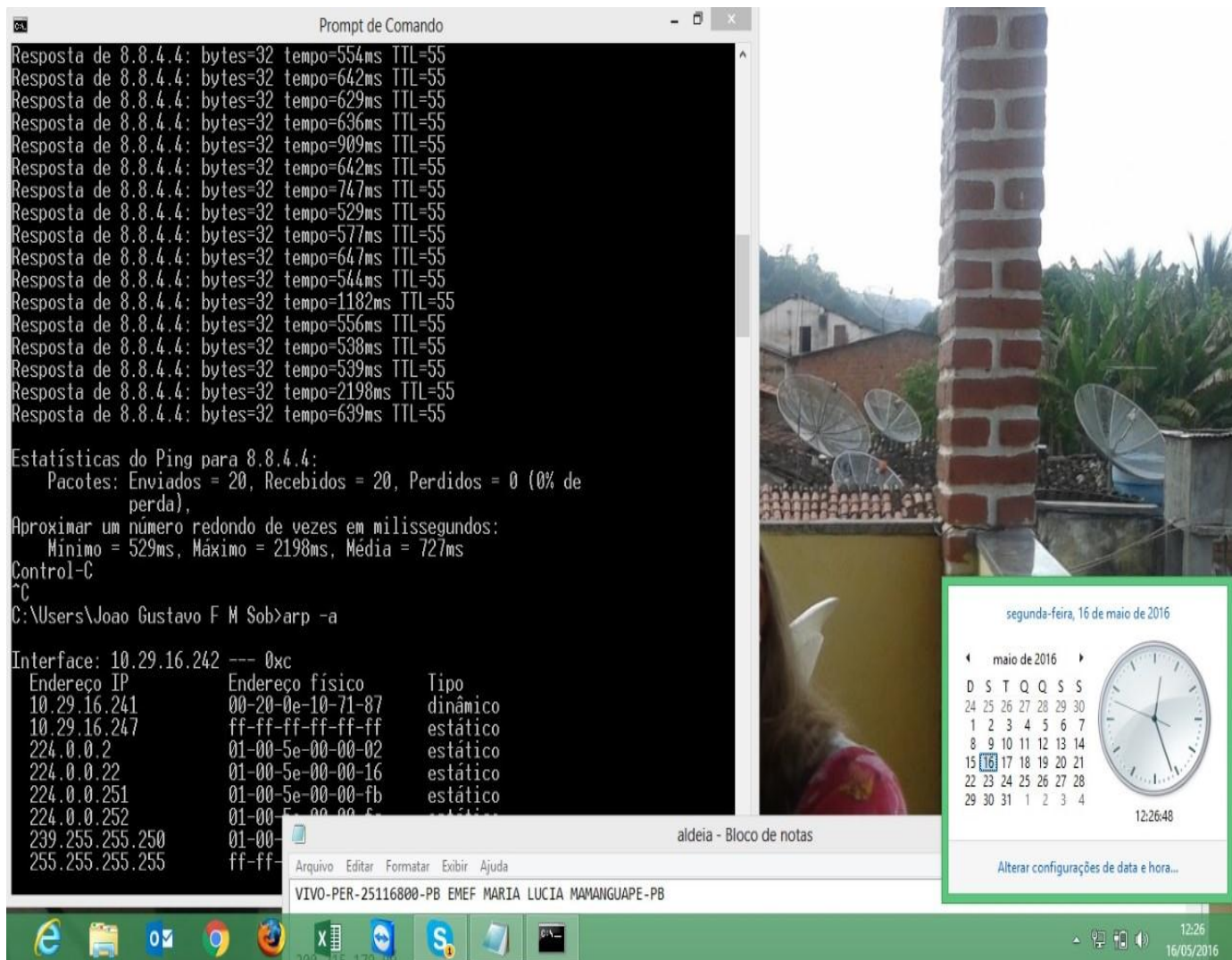
NOC/Operador: Allan Santos
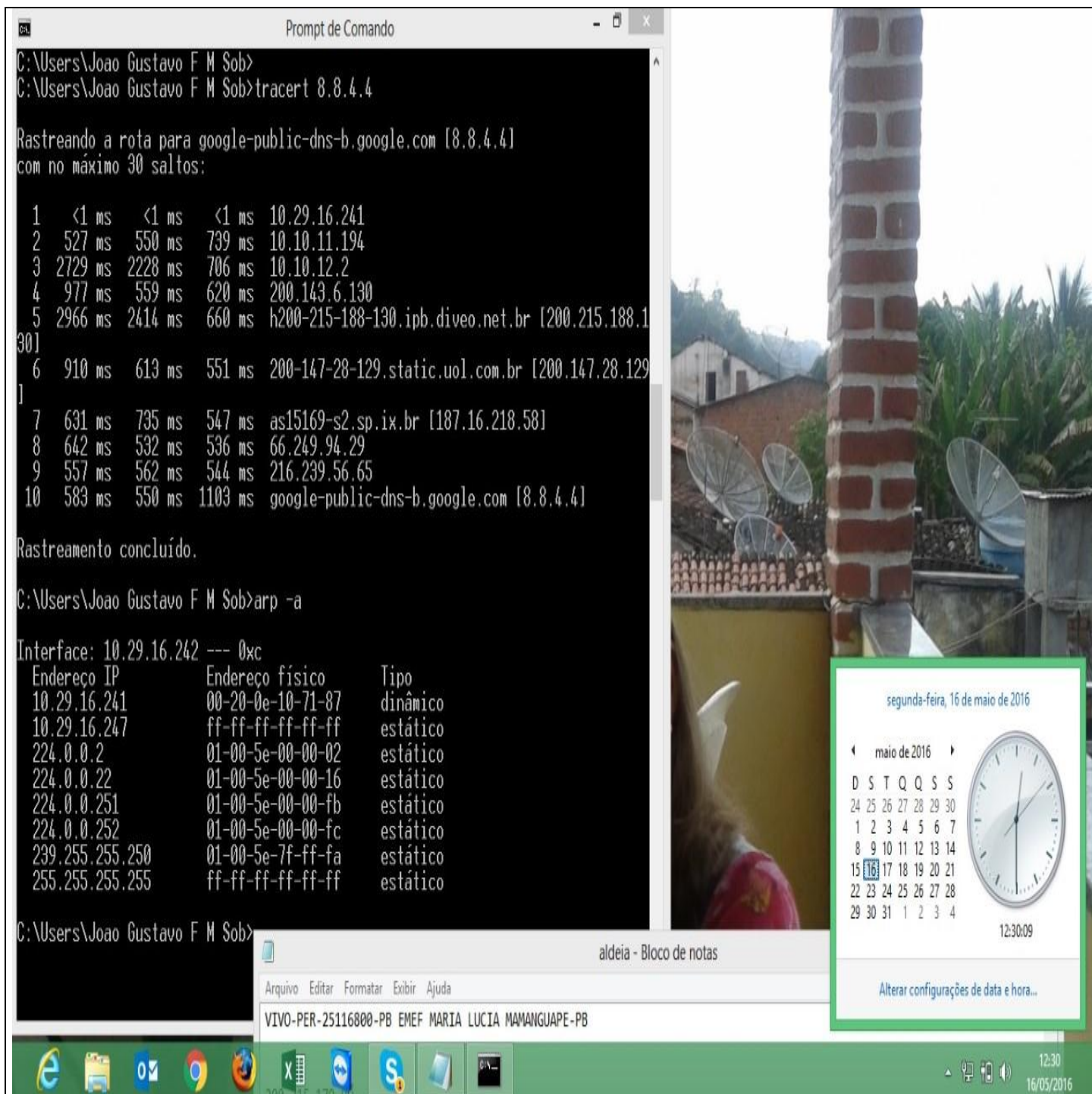
Cliente: VIVO

Empresa	VSAT-ID	Link kbps	Plataforma
EMC Brasil	VIVO-PER-25116800-PB	256k/128k	VSAT

```
C:\Users\Joao Gustavo F M Sob>
C:\Users\Joao Gustavo F M Sob>tracert 8.8.4.4

Rastreando a rota para google-public-dns-b.google.com [8.8.4.4]
com no máximo 30 saltos:

  1    <1 ms    <1 ms    <1 ms  10.29.16.241
  2   527 ms   550 ms   739 ms  10.10.11.194
  3  2729 ms  2228 ms   706 ms  10.10.12.2
  4   977 ms   559 ms   620 ms  200.143.6.130
  5  2966 ms  2414 ms   660 ms  h200-215-188-130.ipb.diveo.net.br [200.215.188.1
30]
  6   910 ms   613 ms   551 ms  200-147-28-129.static.uol.com.br [200.147.28.129
]
  7   631 ms   735 ms   547 ms  as15169-s2.sp.ix.br [187.16.218.58]
  8   642 ms   532 ms   536 ms  66.249.94.29
  9   557 ms   562 ms   544 ms  216.239.56.65
 10   583 ms   550 ms  1103 ms  google-public-dns-b.google.com [8.8.4.4]

Rastreamento concluído.

C:\Users\Joao Gustavo F M Sob>arp -a

Interface: 10.29.16.242 --- 0xc
  Endereço IP           Endereço físico       Tipo
  10.29.16.241          00-20-0e-10-71-87     dinâmico
  10.29.16.247          ff-ff-ff-ff-ff-ff     estático
  224.0.0.2             01-00-5e-00-00-02     estático
  224.0.0.22            01-00-5e-00-00-16     estático
  224.0.0.251           01-00-5e-00-00-fb     estático
  224.0.0.252           01-00-5e-00-00-fc     estático
  239.255.255.250       01-00-5e-7f-ff-fa     estático
  255.255.255.255       ff-ff-ff-ff-ff-ff     estático

C:\Users\Joao Gustavo F M Sob>
```

aldeia - Bloco de notas

Arquivo Editar Formatar Exibir Ajuda

VIVO-PER-25116800-PB EMEF MARIA LUCIA MAMANGUAPE-PB

segunda-feira, 16 de maio de 2016

◄ maio de 2016 ►

D S T Q Q S S
24 25 26 27 28 29 30
 1 2 3 4 5 6 7
 8 9 10 11 12 13 14
15 16 17 18 19 20 21
22 23 24 25 26 27 28
29 30 31 1 2 3 4

12:30:09

Alterar configurações de data e hora...

```
# dvb tx show

Satellite (DVB) TX Configuration
-------------------------------
Auto start           : Enabled
IDU Output Power     : -21 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power     : 34.7 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     : -20.8 dBm
ODU Output Power     : 34.6 dBm
EIRP                 : 47.9 dBW
Es/No                : 14.5 dB
Header Compression   : Disabled
Timing correction    : -269 us (262464 us)
Frequency correction: 30 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[Msps] 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            : 12.055900 GHz
Symbol Rate          : 9.319924 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                  : 13.0 dB
Input Power          : -15 dBm
#



IP DVB 10.53.0.8/32



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=860 ms
64 bytes from 8.8.8.8: time=720 ms
64 bytes from 8.8.8.8: time=720 ms
64 bytes from 8.8.8.8: time=710 ms
64 bytes from 8.8.8.8: time=520 ms
--- ping statistics ---
5 packets transmitted, 5 received, 0.00 percent packet loss
rtt min/avg/max = 520/700/860 ms
#
```