

Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Bruno Carvalho de Sá

Cliente: VIVO

Empresa
EMC Brasil

VSAT-ID
VIVO-PER-25077023-PB

Link kbps
256/128

Plataforma
VSAT

```
C:\Windows\system32\cmd.exe
Microsoft Windows [versão 6.1.7600]
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C:\Users\Bruno>tracert 8.8.8.8

Rastreando a rota para google-public-dns-a.google.com [8.8.8.8]
com no máximo 30 saltos:

  0  <1 ms    <1 ms    <1 ms    10.29.16.233
  1  3490 ns   568 ns    535 ns   10.10.11.194
  2  621 ns   555 ns    540 ns   10.10.12.2
  3  572 ns   520 ns    556 ns   200.143.6.130
  4  537 ns   560 ns    550 ns   k200-215-100-130.ipb.diveo.net.br [200.215.100.130]
  5  640 ns   534 ns    581 ns   200.147.28-129.static.uol.com.br [200.147.28.129]
  6  644 ns   577 ns    542 ns   as15169.sp.ix.br [107.16.216.55]
  7  627 ns   532 ns    563 ns   216.239.43.79
  8  555 ns   543 ns    563 ns   72.14.232.55
  9  "        521 ns    648 ns   google-public-dns-a.google.com [8.8.8.8]

Rastreamento concluído.

C:\Users\Bruno>ping 8.8.8.8

Disparando 8.8.8.8 com 32 bytes de dados:
Resposta de 8.8.8.8: bytes=32 tempo=579ms TTL=53
Resposta de 8.8.8.8: bytes=32 tempo=615ms TTL=53
Resposta de 8.8.8.8: bytes=32 tempo=992ms TTL=53

Estatísticas do Ping para 8.8.8.8:
    Pacotes: Enviados = 4, Recebidos = 3, Perdidos = 1 (25% de
    perda),
    Aproximar um número redondo de vezes em milissegundos:
    Mínimo = 579ms, Máximo = 992ms, Média = 729ms

C:\Users\Bruno>arp -a

Interface: 10.29.16.234 --- 8xb
Endereço IP      Endereço físico   Tipo
10.29.16.233     00-20-8e-10-72-4f dinâmico
10.29.16.239     ff-ff-ff-ff-ff-ff estático
224.0.0.2        01-00-5e-00-00-02 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\Bruno>
```

dvb tx show

Satellite (DVB) TX Configuration

```
-----
Auto start           : Enabled
IDU Output Power     : -20 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power     : 33.2 dBm
EIRP                 : 46.5 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     : -19.5 dBm
ODU Output Power     : 33.2 dBm
EIRP                 : 46.5 dBW
Es/No                : 13.0 dB
Header Compression   : Disabled
Timing correction     : -260 us (262155 us)
Frequency correction  : -150 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            : 12.055939 GHz  
Symbol Rate         : 9.320062 Msps  
S2 ModCod  
  - receiving        : 12    8PSK-3/5  
  - 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                  : 13.6 dB  
Input Power          : -27 dBm
```

```
#
```

```
# ping 8.8.8.8
```

```
64 bytes from 8.8.8.8: time=720 ms  
64 bytes from 8.8.8.8: time=520 ms  
64 bytes from 8.8.8.8: time=820 ms  
64 bytes from 8.8.8.8: time=620 ms  
64 bytes from 8.8.8.8: time=920 ms
```

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

```
5 packets transmitted, 2 received, 60.00 percent packet loss  
rtt min/avg/max = 520/570/620 ms
```

```
#
```

