

Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Guilherme Cunha

Cliente: VIVO

Empresa
EMC Brasil

VSAT-ID
VIVO-PER-27241203-AL

Link kbps
256k/128k

Plataforma
VSAT



Satellite (DVB) TX Configuration

```
Auto start           : Enabled
IDU Output Power     : -20 dBm
IDU Max Output Power : 0.0 dBm
ODU Output Power     : 33.7 dBm
EIRP                 : 47.0 dBW
Default CW Frequency : 0.000000 GHz
ATM mode             : VC-Mux
Header Compression   : None
```

Satellite (DVB) Transmitter Status

```
State                : On (DVB-RCS2)
IDU Output Power     : -13.2 dBm
ODU Output Power     : 33.7 dBm
EIRP                 : 47.0 dBW
Es/No                : 10.0 dB
Header Compression   : Disabled
Timing correction    : -73 us (250660 us)
Frequency correction : -200 Hz
```

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 25.333333 12.050000 DVB-S2 102 0 0.0 E
Yes
1 1 30.000000 12.050000 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 : 12.049933 GHz
Symbol Rate : 25.332650 Msps
S2 ModCod
- receiving : 15 8PSK-5/6
- current max : 20 16APSK-4/5
Pilot : On
Frame length : Short
DVB S2 Mode : ACM
DVB S2 Stream type : MPEG-TS
Roll off : 0.20
SNR : 13.9 dB
Input Power : -29 dBm

The screenshot displays a computer desktop with two windows. The left window is the SatLink VSAT web interface, showing a sidebar with 'Status', 'Configuration', and 'Help' sections. The 'Status' section is active, displaying 'Device Status' for a 'SatLink 2000' model. The right window is a Windows command prompt running a series of ping commands to 8.8.8.8, showing response times and TTL values. Below the ping results, it shows ping statistics and a netstat command output for the interface 10.29.56.138.

SatLink VSAT Web Interface:

URL: 10.29.56.137/wmi/dwp/index_page.dwp

Status

- Satellite Statistics
- Device DHCP
- Eventlog
- Configuration
- Satellite IP
- Static NAT
- Lineup
- Device
- Help
- Introduction
- Status
- Configuration

Device Status

| Model | Software Version | LAN MAC Address | DVB MAC Address | System Up Time | CPU Load | System Name | System Contact | System Location | ODU Serial Number | ODU HW Version |
|--------------|------------------|-------------------|-------------------|------------------|----------|----------------------|----------------|-------------------------|--------------------------|----------------|
| SatLink 2000 | 16.0.1.57 | 00:20:0e:10:63:d1 | 00:20:0e:10:63:d1 | 0 days, 00:09:10 | 26% | VIVO-PER-27241203-AL | | São Jose da Tapera - AL | 104804040203090304810000 | 4.2 |

You are logged in as install (2)

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Windows Command Prompt:

```
C:\Windows\system32\cmd.exe
Resposta de 8.8.8.8: bytes=32 tempo=760ms TTL=44
Resposta de 8.8.8.8: bytes=32 tempo=680ms TTL=44
Resposta de 8.8.8.8: bytes=32 tempo=682ms TTL=44
Resposta de 8.8.8.8: bytes=32 tempo=727ms TTL=44
Resposta de 8.8.8.8: bytes=32 tempo=570ms TTL=44
Resposta de 8.8.8.8: bytes=32 tempo=567ms TTL=44
Resposta de 8.8.8.8: bytes=32 tempo=637ms TTL=44
Resposta de 8.8.8.8: bytes=32 tempo=718ms TTL=44
Resposta de 8.8.8.8: bytes=32 tempo=787ms TTL=44
Resposta de 8.8.8.8: bytes=32 tempo=873ms TTL=44
Resposta de 8.8.8.8: bytes=32 tempo=568ms TTL=44
Resposta de 8.8.8.8: bytes=32 tempo=663ms TTL=44
Resposta de 8.8.8.8: bytes=32 tempo=742ms TTL=44
Resposta de 8.8.8.8: bytes=32 tempo=787ms TTL=44
Resposta de 8.8.8.8: bytes=32 tempo=873ms TTL=44
Resposta de 8.8.8.8: bytes=32 tempo=910ms TTL=44
Resposta de 8.8.8.8: bytes=32 tempo=573ms TTL=44
Resposta de 8.8.8.8: bytes=32 tempo=706ms TTL=44
Resposta de 8.8.8.8: bytes=32 tempo=832ms TTL=44
Resposta de 8.8.8.8: bytes=32 tempo=850ms TTL=44
Resposta de 8.8.8.8: bytes=32 tempo=603ms TTL=44
Resposta de 8.8.8.8: bytes=32 tempo=668ms TTL=44
Resposta de 8.8.8.8: bytes=32 tempo=752ms TTL=44
Resposta de 8.8.8.8: bytes=32 tempo=832ms TTL=44
Resposta de 8.8.8.8: bytes=32 tempo=780ms TTL=44
Resposta de 8.8.8.8: bytes=32 tempo=623ms TTL=44
Resposta de 8.8.8.8: bytes=32 tempo=646ms TTL=44
Resposta de 8.8.8.8: bytes=32 tempo=764ms TTL=44
Resposta de 8.8.8.8: bytes=32 tempo=916ms TTL=44
Resposta de 8.8.8.8: bytes=32 tempo=637ms TTL=44
Resposta de 8.8.8.8: bytes=32 tempo=706ms TTL=44
Resposta de 8.8.8.8: bytes=32 tempo=802ms TTL=44
Resposta de 8.8.8.8: bytes=32 tempo=876ms TTL=44

Estatísticas do Ping para 8.8.8.8:
Pacotes: Enviados = 51, Recebidos = 51, Perdidos = 0 (0% de perda).
Aproximar um número redondo de vezes em milissegundos:
Mínimo = 567ms, Máximo = 1666ms, Média = 740ms
Control-C
^C
C:\Users\DjTornados>arp -a

Interface: 10.29.56.138 --- 0xb
Endereço IP Endereço físico Tipo
10.29.56.137 08-20-0e-10-63-d1 dinâmico
10.29.56.143 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
224.0.1.60 01-00-5e-00-01-3c 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\DjTornados>
```