

Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Wallace Teixeira

Cliente: VIVO

Empresa
EMC Brasil

VSAT-ID
VIVO-PER-31320811-MG

Link kbps
256k/128k

Plataforma
VSAT



```
# dvb tx show
```

Satellite (DVB) TX Configuration

```
-----
Auto start           : Enabled
IDU Output Power     : -10 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     : -13.6 dBm
ODU Output Power     : 32.4 dBm
EIRP                 : 45.7 dBW
Es/No                : 13.0 dB
Header Compression   : Disabled
Timing correction    : -107 us (254046 us)
```

Frequency correction: 70 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	15.000000	12.059000	DVB-S2	102	0	0.0 E		
Yes									
1	1	9.320000	12.055825	DVB-S2	4	0	0.0 E		
Yes									

Satellite (DVB) Receiver Status

Rx State : On
DVB State : Forward link up
Network : 1326, T14R Beam
Frequency : 12.059328 GHz
Symbol Rate : 14.999598 Msps
S2 ModCod
- receiving : 7 QPSK-3/4
- current max : 19 16APSK-3/4
Pilot : On
Frame length : Short
DVB S2 Mode : ACM
DVB S2 Stream type : MPEG-TS
Roll off : 0.20
SNR : 12.9 dB
Input Power : -33 dBm
#

The screenshot shows a Windows desktop environment. On the left, a command prompt window is open, displaying network statistics and IP configuration for interface 10.29.42.138. The statistics show 57 packets sent and received, with a 0% loss rate. The IP configuration shows the interface is configured with IP 10.29.42.138, netmask 255.255.255.255, and gateway 172.18.133.132. The web browser window on the right shows the SatLink VSAT configuration page. The page has a sidebar with navigation links like Status, Statistics, Device, DHCP, Eventlog, Configuration, and Satellite. The main content area shows the IP Configuration section, which includes fields for Interface, IP Address, Net Mask, and DHCP Enable. The DHCP Configuration section includes fields for Server IP Start, Server IP End, Exclude Enable, Exclude IP Start, Exclude IP End, and Lease Time. The DNS Configuration section includes fields for Primary DNS Server and Secondary DNS Server. The NAT Configuration section is also visible. The page footer indicates the user is logged in as 'install (2)' and provides copyright information for the STM Group.

Command Prompt Output:

```
Resposta de 8.8.8.8: bytes=32 tempo=1341ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=732ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=795ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=518ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=582ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=650ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=679ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=758ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=813ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=525ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=616ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=726ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=621ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=681ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=754ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=825ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=548ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=585ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=672ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=696ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=2157ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=538ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=1162ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=1064ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=719ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=785ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=856ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=1167ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=846ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=924ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=997ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=748ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=657ms TTL=55
Resposta de 8.8.8.8: bytes=32 tempo=705ms TTL=55

Estatísticas do Ping para 8.8.8.8:
Pacotes: Enviados = 57, Recebidos = 57, Perdidos = 0 (0% de perda).
Aproximar um número redondo de vezes em milissegundos:
Mínimo = 518ms, Máximo = 2444ms, Média = 808ms
Control-C
C:\Users\DjTornados>arp -a

Interface: 10.29.42.138 --- 0xb
Endereço IP      Endereço físico      Tipo
10.29.42.137      00-20-0e-10-4f-32    dinâmico
10.29.42.143      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>
```

Web Browser (SatLink VSAT) Configuration:

IP Configuration

Interface	IP Address	Net Mask	DHCP Enable
LAN	10.29.42.137	255.255.255.248	<input checked="" type="checkbox"/>
Management	172.18.133.132	255.255.255.255	<input type="checkbox"/>

DHCP Configuration

Server IP Start: 10.29.42.138
Server IP End: 10.29.42.142
Exclude Enable: ☐
Exclude IP Start: 0.0.0.0
Exclude IP End: 0.0.0.0
Lease Time: 1 Week(s)

DNS Configuration

Primary DNS Server: 4.2.2.2
Secondary DNS Server: 8.8.8.8

NAT Configuration

You are logged in as install (2)
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