Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Allan Santos	**Cliente: VIVO**

Empresa	**VSAT-ID**	**Link kbps**	**Plataforma**
EMC Brasil	VIVO-PER-31022420-MG	256k/128k	VSAT

```
Administrador: Prompt de Comando

Microsoft Windows [versão 6.1.7601]
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C:\Users\user>ping 8.8.8.8

Disparando 8.8.8.8 com 32 bytes de dados:
Resposta de 8.8.8.8: bytes=32 tempo=3022ms TTL=53
Resposta de 8.8.8.8: bytes=32 tempo=659ms TTL=53
Resposta de 8.8.8.8: bytes=32 tempo=569ms TTL=53
Resposta de 8.8.8.8: bytes=32 tempo=667ms TTL=53

Estatísticas do Ping para 8.8.8.8:
    Pacotes: Enviados = 4, Recebidos = 4, Perdidos = 0 (0% de
             perda),
Aproximar um número redondo de vezes em milissegundos:
    Mínimo = 569ms, Máximo = 3022ms, Média = 1229ms

C:\Users\user>tracert 8.8.8.8

Rastreando a rota para 8.8.8.8 com no máximo 30 saltos

  1    <1 ms    <1 ms    <1 ms  10.29.15.33
  2   583 ms   587 ms   698 ms  10.10.11.194
  3   578 ms   558 ms   523 ms  10.10.12.2
  4   560 ms   541 ms   739 ms  200.143.6.130
  5   572 ms   559 ms   538 ms  200.215.188.130
  6   582 ms   556 ms   563 ms  200.147.28.129
  7   570 ms   551 ms   563 ms  187.16.216.55
  8   599 ms   543 ms   554 ms  216.239.43.79
  9   588 ms   563 ms   571 ms  72.14.238.165
 10   544 ms   673 ms   537 ms  8.8.8.8

Rastreamento concluído.

C:\Users\user>VIVO-PER-31022420-POCRANE-MG_
```

```
# 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    : 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    : -14.8 dBm
ODU Output Power    : 34.7 dBm
EIRP                : 48.0 dBW
Es/No               : 12.0 dB
Header Compression  : Disabled
Timing correction   : -310 us (262432 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           : 12.055867 GHz
Symbol Rate         : 9.319965 Msps
S2 ModCod
      - receiving   : 15   8PSK-5/6
      - 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                 : 13.7 dB
Input Power         : -30 dBm
#



IP DVB 10.50.1.56/32



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=580 ms
64 bytes from 8.8.8.8: time=710 ms
64 bytes from 8.8.8.8: time=720 ms
64 bytes from 8.8.8.8: time=700 ms
64 bytes from 8.8.8.8: time=710 ms

---  ping statistics ---
5 packets transmitted, 5 received,  0.00 percent packet loss
rtt min/avg/max = 580/680/720 ms
#
```