TERMO DE ACEITE TÉCNICO

Solicitante: PRODEMGE / SEE

NOC/Operadora: Guilherme Cunha	**Operadora/Cliente:** Ederson Martins
GRE/Prodemge: João Antinossi	**Responsável/cliente:** Soraya Jamel

Consórcio	VSAT-ID	Porta kbps	Plataforma
EMC/Vodanet	SEE-AGAS-22896	2048/1024	VSAT

Port eth0 on SEE-AGAS-22896 (10.214.26.1)

Live Graph - 5 Minutes - 10 sec Interval

■ Bandwidth Traffic IN ■ Bandwidth Traffic OUT

PRTG Traffic Grapher V6.2.0.907 - 24/11/2017 01:39:50
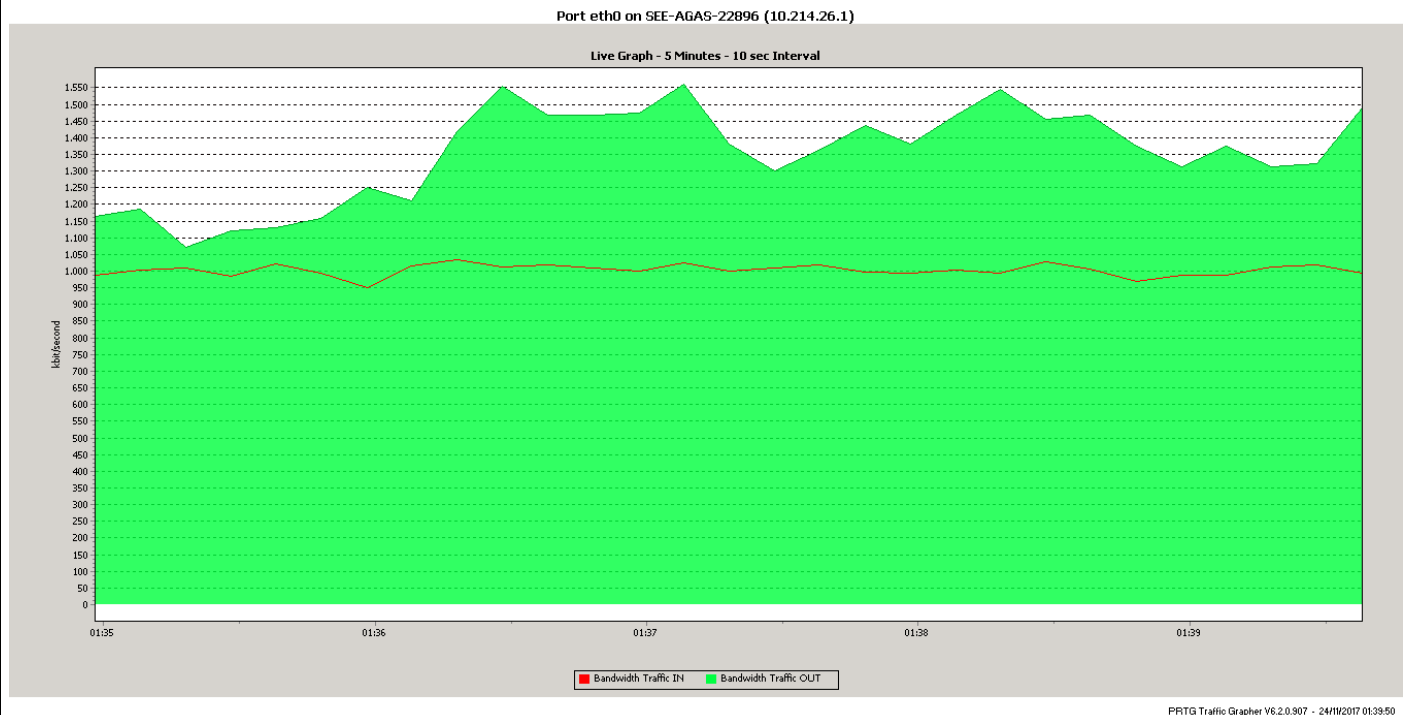
```
# dvb rx show

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    4.883300       12.176420  DVB-S2  104       0     0.0 E
Yes
  1   1    16.667000      11.962753  DVB-S2  2         0     0.0 E
Yes


Satellite (DVB) Receiver Status
-------------------------------
Rx State             : On
DVB State            : Forward link up
Network              : 65281,  Prodemge@Vodanet
Frequency            : 12.176325 GHz
Symbol Rate          : 4.883049 Msps
S2 ModCod
     - receiving     : 4   QPSK-1/2
     - current max   : 21   16APSK-5/6
Pilot                : On
Frame length         : Short
DVB S2 Mode          : ACM
DVB S2 Stream type   : MPEG-TS
```

```
Roll off              : 0.20
SNR                   : 16.6 dB
Input Power           : -30 dBm
# 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: 0.000000 GHz
ATM mode              : VC-Mux
Header Compression  :  UDP/IP



Satellite (DVB) Transmitter Status
--------------------------------
State                 : On  (DVB-RCS2)
IDU Output Power      : -13.8 dBm
ODU Output Power      : 33.6 dBm
EIRP                  : 46.9 dBW
Es/No                 : 13.0 dB
Header Compression  : Disabled  - HC for RCS2 not supported by HUB
Timing correction   : -117 us (280225 us)
Frequency correction: -10 Hz
# device show

System Information:
    Name                  : SEE-AGAS-22896
    Location              : Aguas Vermelhas - MG
    Contact               :
    System Up time        : 0 days, 00:30:46
    CPU Load              : 19%
    System time(UTC)      : 24 November 2017 00:58:38
    Broadcast Message   : not set

HW:
    Model               : SatLink 2000
    HW ID               : 120033
    Main board ID       : 120026 R6.2

MAC addresses:
    Ethernet (LAN)      : 00:20:0e:10:4b:71
    Satellite (DVB)     : 00:20:0e:10:4b:71

# arp show

   NetAddr         State   MacAddr              If


C:\Documents and Settings\Administrator.DVB-RCS.000>ping -n 15 10.214.26.1

Pinging 10.214.26.1 with 32 bytes of data:

Reply from 10.214.26.1: bytes=32 time=563ms TTL=56
Reply from 10.214.26.1: bytes=32 time=550ms TTL=56
Reply from 10.214.26.1: bytes=32 time=541ms TTL=56
Reply from 10.214.26.1: bytes=32 time=547ms TTL=56
Reply from 10.214.26.1: bytes=32 time=554ms TTL=56
Reply from 10.214.26.1: bytes=32 time=566ms TTL=56
Reply from 10.214.26.1: bytes=32 time=533ms TTL=56
Reply from 10.214.26.1: bytes=32 time=531ms TTL=56
Reply from 10.214.26.1: bytes=32 time=565ms TTL=56
Reply from 10.214.26.1: bytes=32 time=557ms TTL=56
```

```
Reply from 10.214.26.1: bytes=32 time=526ms TTL=56
Reply from 10.214.26.1: bytes=32 time=540ms TTL=56
Reply from 10.214.26.1: bytes=32 time=575ms TTL=56
Reply from 10.214.26.1: bytes=32 time=547ms TTL=56
Reply from 10.214.26.1: bytes=32 time=555ms TTL=56

Ping statistics for 10.214.26.1:
    Packets: Sent = 15, Received = 15, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 526ms, Maximum = 575ms, Average = 550ms
```

Lista de sites acessados:
www.globo.com – ok
www.yahoo.com – ok
www.hotmail.com – ok
www.google.com – ok
www.educacao.mg.gov.br – ok
www.prodemge.gov.br – ok

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Seu nome e sobrenome: João Gustavo F M Sobrinho
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