prodemge	**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-SAAS-22914	2048/1024	VSAT

Port eth0 on SEE-SAAS-22914 (10.214.108.1)

Live Graph - 5 Minutes - 10 sec Interval

■ Bandwidth Traffic IN ■ Bandwidth Traffic OUT

PRTG Traffic Grapher V6.2.0.907 - 30/11/2017 00:04:51
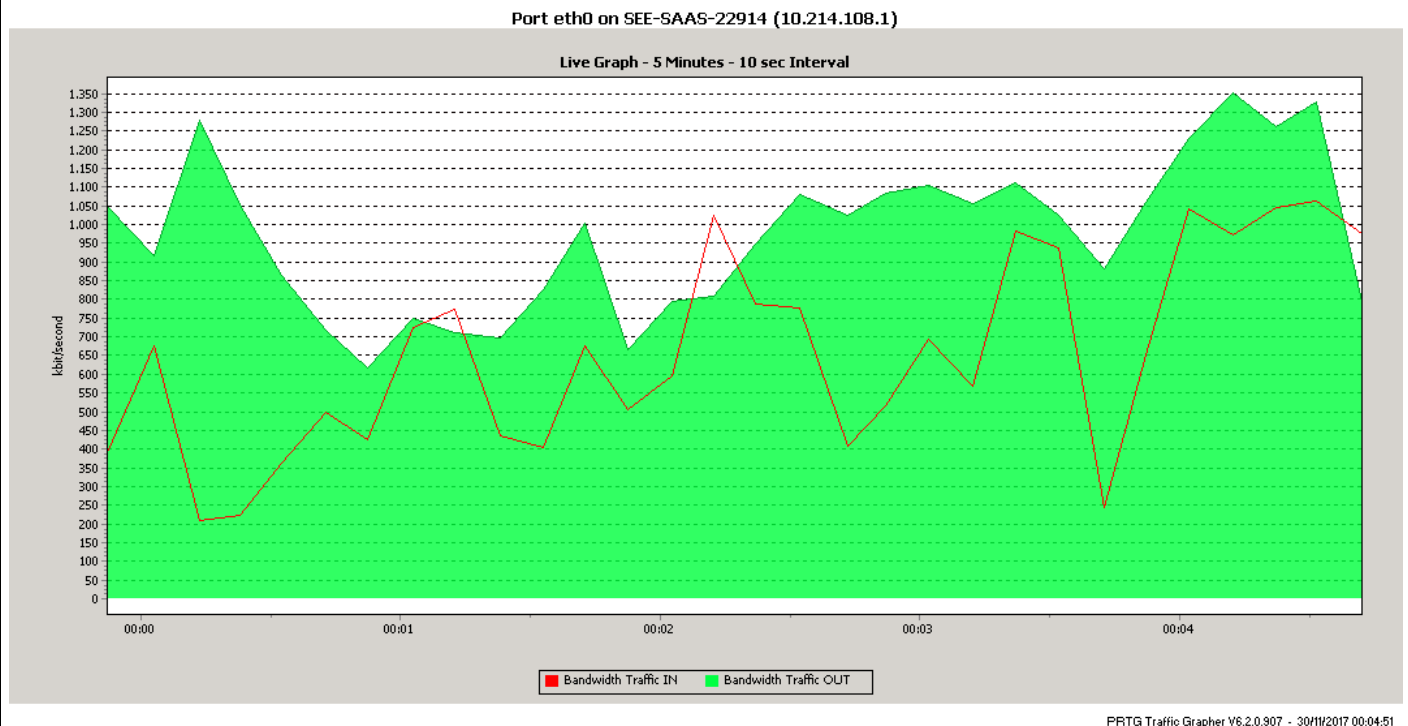
```
#dvb rx show

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

Satellite (DVB) Receiver Status
-------------------------------
Rx State            : On
DVB State           : Forward link up
Network             : 65281,  Prodemge@Vodanet
Frequency           : 12.176272 GHz
Symbol Rate         : 4.882863 Msps
S2 ModCod
      - receiving   : 21   16APSK-5/6
      - 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                   : 16.1 dB
Input Power           : -36 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      : max
EIRP                  : max
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      : -13.0 dBm
ODU Output Power      : 35.8 dBm
EIRP                  : 49.1 dBW
Es/No                 : 11.5 dB
Header Compression  : Disabled  - HC for RCS2 not supported by HUB
Timing correction   : -118 us (280418 us)
Frequency correction: 60 Hz
# device show
System Information:
    Name                  : SEE-SAAS-22914
    Location              : Santa Cruz de Salinas - MG
    Contact               :
    System Up time        : 0 days, 00:08:33
    CPU Load              : 20%
    System time(UTC)      : 29 November 2017 23:09:29
    Broadcast Message     : not set

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

MAC addresses:
    Ethernet (LAN)        : 00:20:0e:10:5b:ea
    Satellite (DVB)       : 00:20:0e:10:5b:ea

# arp show

   NetAddr        State   MacAddr             If
   10.214.108.2   Dynamic b4:99:ba:00:92:6b   1



C:\Documents and Settings\Administrator.DVB-RCS.000>ping -n 15 10.214.108.1

Pinging 10.214.108.1 with 32 bytes of data:

Reply from 10.214.108.1: bytes=32 time=541ms TTL=56
Reply from 10.214.108.1: bytes=32 time=548ms TTL=56
Reply from 10.214.108.1: bytes=32 time=555ms TTL=56
Reply from 10.214.108.1: bytes=32 time=529ms TTL=56
Reply from 10.214.108.1: bytes=32 time=537ms TTL=56
Reply from 10.214.108.1: bytes=32 time=537ms TTL=56
Reply from 10.214.108.1: bytes=32 time=546ms TTL=56
Reply from 10.214.108.1: bytes=32 time=585ms TTL=56
Reply from 10.214.108.1: bytes=32 time=533ms TTL=56
Reply from 10.214.108.1: bytes=32 time=570ms TTL=56
Reply from 10.214.108.1: bytes=32 time=554ms TTL=56
```

```
Reply from 10.214.108.1: bytes=32 time=552ms TTL=56
Reply from 10.214.108.1: bytes=32 time=542ms TTL=56
Reply from 10.214.108.1: bytes=32 time=553ms TTL=56
Reply from 10.214.108.1: bytes=32 time=561ms TTL=56

Ping statistics for 10.214.108.1:
    Packets: Sent = 15, Received = 15, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 529ms, Maximum = 585ms, Average = 549ms
```

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

Nome do responsável:Reinaldo Teixeira da silva
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cargo:Diretor
MASP:1212949-0
Seu nome e sobrenome: João Gustavo F M Sobrinho
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