TERMO DE ACEITE TÉCNICO

prodemge

Solicitante: PRODEMGE / SEE

NOC/Operadora: Wallace Teixeira	**Operadora/Cliente:** Gilvan P de Brito Júnior
GRE/Prodemge: João Antinossi	**Responsável/cliente:** JANAINA FREITAS DE O CORREIA

Consórcio	VSAT-ID	Porta kbps	Plataforma
EMC/Vodanet	SEE-DIAS-23189	2MBPS	VSAT

Port eth0 on SEE-DIAS-23189 (10.214.209.1)

Live Graph - 5 Minutes - 10 sec Interval

Legend: ■ Bandwidth Traffic IN ■ Bandwidth Traffic OUT

PRTG Traffic Grapher V6.2.0.907 - 4/12/2017 23:39:10
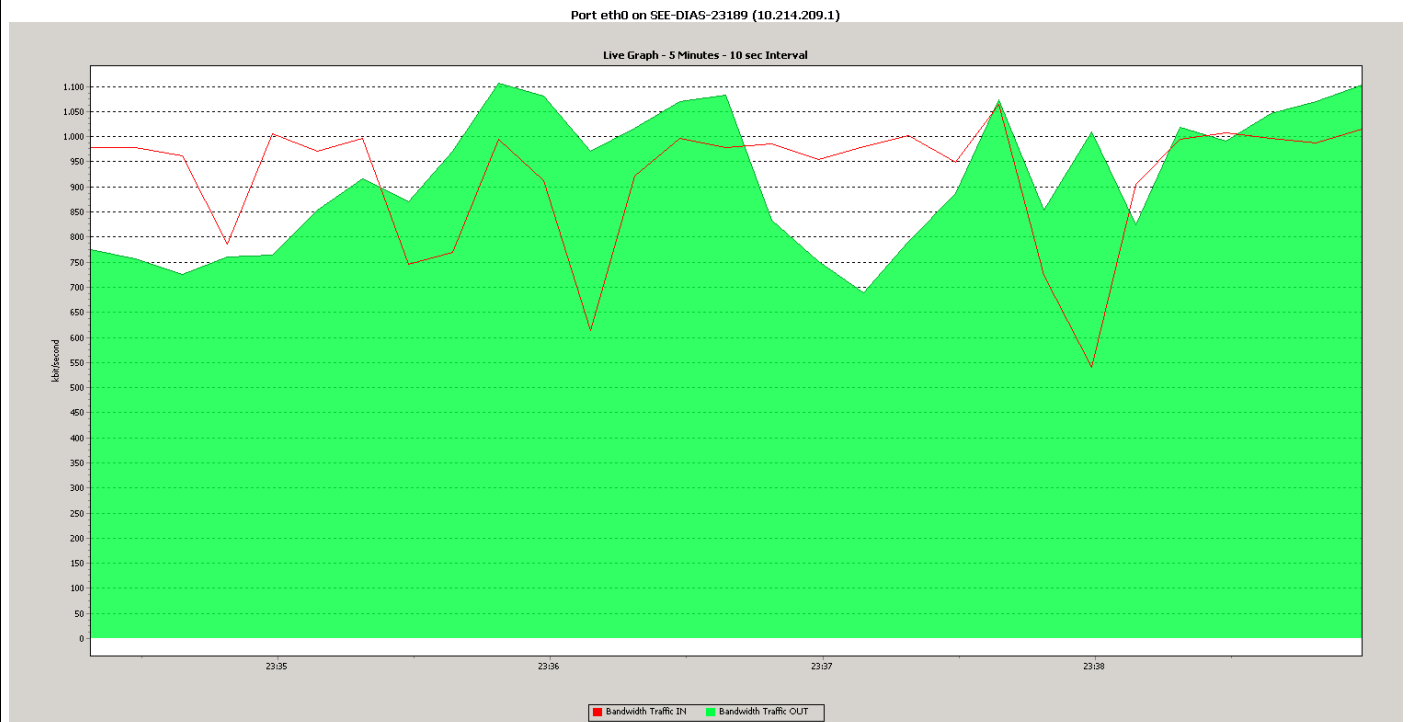
```
# dvb rx show

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    8.883000       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            : 12.176537 GHz
Symbol Rate          : 4.882903 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                  : 16.3 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     : -16.6 dBm
ODU Output Power     : 33.5 dBm
EIRP                 : 46.8 dBW
Es/No                : 14.0 dB
Header Compression   : Disabled  - HC for RCS2 not supported by HUB
Timing correction    : -146 us (280879 us)
Frequency correction: -110 Hz
# device show
System Information:
    Name             : SEE-DIAS-23189
    Location         : Divino das Laranjeiras - MG
    Contact          :
    System Up time   : 2 days, 05:58:03
    CPU Load         : 8%
    System time(UTC) : 07 December 2017 04:46:01
    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:2a
    Satellite (DVB)  : 00:20:0e:10:5b:2a

# arp show

   NetAddr        State   MacAddr              If
#
Pinging 10.214.173.1 with 32 bytes of data:

Reply from 10.214.173.1: bytes=32 time=560ms TTL=56
Reply from 10.214.173.1: bytes=32 time=564ms TTL=56
Reply from 10.214.173.1: bytes=32 time=545ms TTL=56
Reply from 10.214.173.1: bytes=32 time=572ms TTL=56
Reply from 10.214.173.1: bytes=32 time=560ms TTL=56
Reply from 10.214.173.1: bytes=32 time=557ms TTL=56
Reply from 10.214.173.1: bytes=32 time=565ms TTL=56
Reply from 10.214.173.1: bytes=32 time=578ms TTL=56
Reply from 10.214.173.1: bytes=32 time=562ms TTL=56
Reply from 10.214.173.1: bytes=32 time=557ms TTL=56

Ping statistics for 10.214.173.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
```

```
Approximate round trip times in milli-seconds:
    Minimum = 545ms, Maximum = 578ms, Average = 562ms
```

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

Responsável pelo teste de navegação:
Nome: JANAINA FREITAS DE O CORREIA
Função: SECRETARIA
Identidade: Masp- 376.739-9