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-NIRA-22785	2048/1024	VSAT

Port eth0 on SEE-NIRA-22785 (10.214.99.1)

Live Graph - 5 Minutes - 10 sec Interval

■ Bandwidth Traffic IN   ■ Bandwidth Traffic OUT
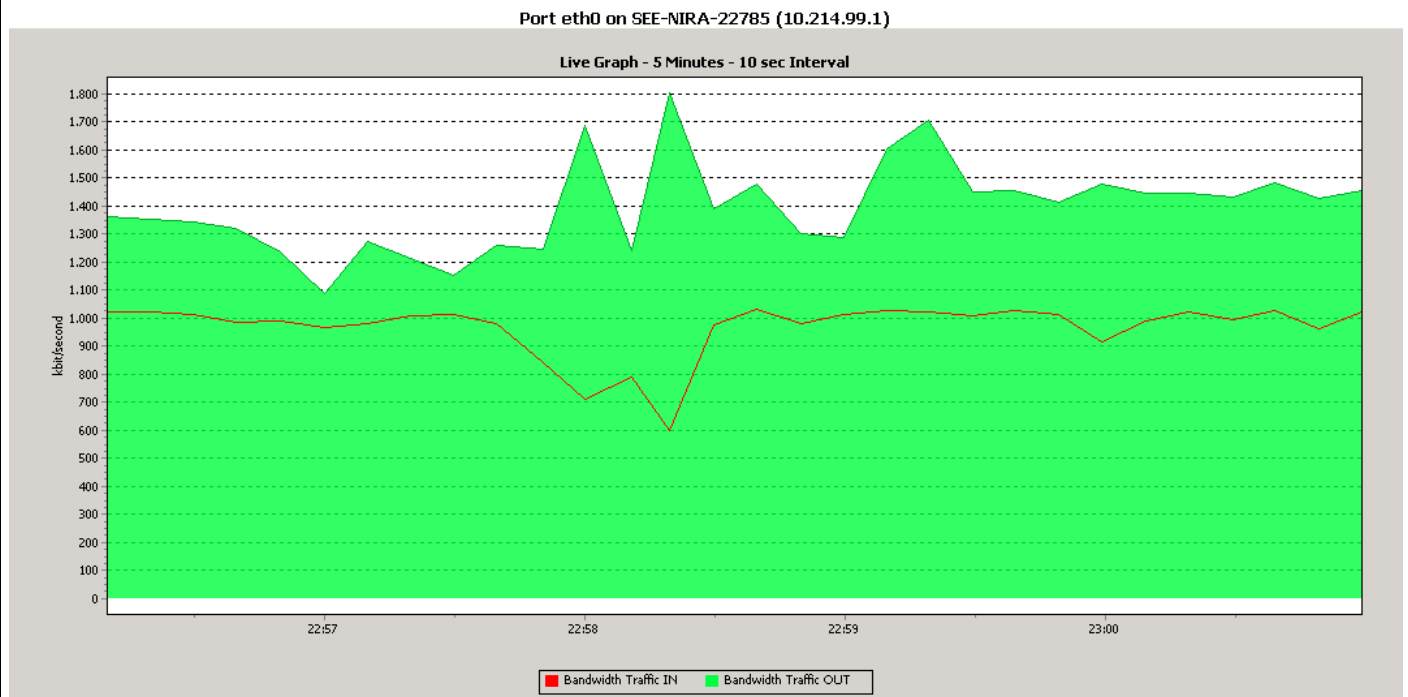
PRTG Traffic Grapher V6.2.0.907 - 21/11/2017 23:01:06

```
# 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           : 12.176570 GHz
Symbol Rate         : 4.882976 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                 : 14.3 dB
Input Power         : -35 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    : -16.9 dBm
ODU Output Power    : 35.5 dBm
EIRP                : 48.8 dBW
Es/No               : 14.0 dB
Header Compression  : Disabled  - HC for RCS2 not supported by HUB
Timing correction   : -114 us (280266 us)
Frequency correction: 40 Hz
# device show
System Information:
    Name                : SEE-NIRA-22785
    Location            : Ninheira /MG
    Contact             :
    System Up time      : 0 days, 00:31:16
    CPU Load            : 28%
    System time(UTC)    : 21 November 2017 22:17:28
    Broadcast Message   : not set

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

MAC addresses:
    Ethernet (LAN)      : 00:20:0e:10:4c:d1
    Satellite (DVB)     : 00:20:0e:10:4c:d1

# arp show

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

C:\Documents and Settings\Administrator.DVB-RCS.000>ping 10.214.99.1 -n 15

Pinging 10.214.99.1 with 32 bytes of data:

Reply from 10.214.99.1: bytes=32 time=517ms TTL=56
Reply from 10.214.99.1: bytes=32 time=567ms TTL=56
Reply from 10.214.99.1: bytes=32 time=543ms TTL=56
Reply from 10.214.99.1: bytes=32 time=545ms TTL=56
Reply from 10.214.99.1: bytes=32 time=535ms TTL=56
Reply from 10.214.99.1: bytes=32 time=556ms TTL=56
Reply from 10.214.99.1: bytes=32 time=590ms TTL=56
Reply from 10.214.99.1: bytes=32 time=566ms TTL=56
Reply from 10.214.99.1: bytes=32 time=531ms TTL=56
Reply from 10.214.99.1: bytes=32 time=538ms TTL=56
Reply from 10.214.99.1: bytes=32 time=545ms TTL=56
```

```
Reply from 10.214.99.1: bytes=32 time=534ms TTL=56
Reply from 10.214.99.1: bytes=32 time=551ms TTL=56
Reply from 10.214.99.1: bytes=32 time=558ms TTL=56
Reply from 10.214.99.1: bytes=32 time=581ms TTL=56

Ping statistics for 10.214.99.1:
    Packets: Sent = 15, Received = 15, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 517ms, Maximum = 590ms, 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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