



# TERMO DE ACEITE TÉCNICO

Solicitante: ATI - Agência de Tecnologia da Informação do Estado do Piauí

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Data Instalação

Data Ativação

 Orgão: SEDUC
 Unidade: SEDUC - Barreiras do Piauí
 Data Instalação 23/10/2018
 Data Instalação 23/10/2018

 Operadora
 VSAT-ID
 Porta kbps
 Tipo

 Global Eagle
 ATI-ES-0177 -IND
 4096/512
 Indoor

Piauí, 23 de Outubro de 2018

#### 1 – Local da Instalação







## 2 – Configurações do Modem

# device show

System Information:

: ATI-ES-0177-IND Name Location : Barreiras do PiauI - PI Contact :

System Up time : 0 days, 16:52:04

CPU Load : 46%

System time(UTC) : 23 October 2018 11:24:49

Broadcast Message : not set

HW:

Model : SatLink 2000 HW ID : 120033

Main board ID : 120026 R6.2

MAC addresses:

LAN : 00:20:0e:10:85:ab Satellite (DVB) : 00:20:0e:10:85:ab

# dvb tx show

#### Satellite (DVB) TX Configuration

-----Auto start : Enabled BUPC status : Disabled IDU Output Power : -18 dBm IDU Max Output Power: 0.0 dBm Default CW Frequency: 0.000000 GHz

ATM mode : VC-Mux Header Compression: None

#### Satellite (DVB) Transmitter Status

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State : On (DVB-RCS2) IDU Output Power : -18.1 dBm

: 11.5 dB Es/No

Header Compression: Disabled

Timing correction : -285 us (251559 us)

Frequency correction: 220 Hz

# dvb rx show

## Satellite (DVB) RX Configuration

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: Enabled Auto start

Max Signalling MODCOD: 23 16APSK-9/10 Max Traffic MODCOD : 28 32APSK-9/10

RX watchdog : 15 minute

Idx Pri SymbRate[Msps] Freq[GHz] Mode PopId SatId Pos SatName Name Enable

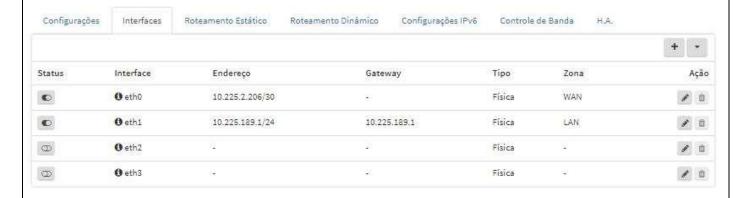
\* 0 0 25.000000 11.628079 DVB-S2 105 0 0.0 E Yes

Satellite (DVB) Receiver Status

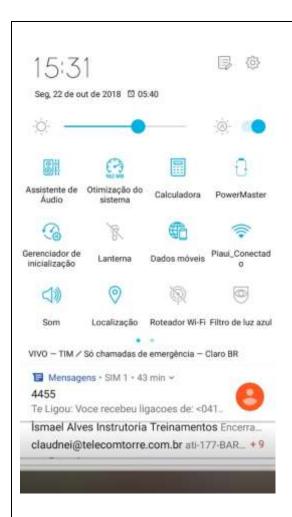
```
Rx State
             : On
DVB State
             : Forward link up
             : 1326, ATI-PI
Network
            : 11.628134 GHz
Frequency
Symbol Rate
            : 25.000406 Msps
S2 ModCod
   - receiving : 16 8PSK-8/9
   - current max : 16 8PSK-8/9
Pilot
           : On
Frame length
               : Short
DVB S2 Mode
                : ACM
DVB S2 Stream type: MPEG-TS
Roll off
            : 0.25
SNR
            : 14.0 dB
Input Power
              : -33 dBm
# arp show
 NetAddr
            State MacAddr
                                If
 10.225.2.206 Dynamic 00:90:27:ef:6f:f8 1
# ip show
Interfaces
                SubnetMask BroadCastAddr MTU
If
    IPAddress
                                                     Alias AdminStatus
   10.225,2.205 255,255,255,252 10.225,2.207 1500
                                                       eth0 1
1
3 172.18.192.197 255.255.255.255
                                                     dvb0 1
                                    N/A 1540
        N/A
                  N/A
                            N/A 1500
                                             air0 1
DNS Client Configuration
Primary DNS Server: 209.244.0.3, Secondary DNS Server: 209.244.0.4
Interface Statistics
 ------ Input ------ Output -----
If UCast NUCast Disc
                         Octets UCast NUCast Disc
1 181326
             6
                  0 59000610 268140
                                        491
                                               0 265378605
3 251831
             0
                  0 268379266 104434
                                          0
                                              744 51815142
               0
                                0
                                     0
                                            0
          0
                      0
                           0
IP Receive Deliver Errors InDiscards Forward Request NoRoute OutDiscards
  432107
           143
                         0 372860
                                     781
                                            0
                   0
                                                  0
Interface Directed Routing Table
In If Out If
  -----IP LAC Statistics-----
                    RPF HitCount
 RPF
        Src eq dest
                                   SrceqdestHitCount
                                                      MfcHitCount (-1/drop classified)
Disabled
          Enabled
                        0
                                              0
                                   0
Routing Table
                              NextHop If RtType Row-Status
   DestMask
                RouteMask
    0.0.0.0
               0.0.0.0
                         0.0.0.0 3 STATIC ACTIVE
 10.225.2.204 255.255.255.252
                                0.0.0.0 1 LOCAL ACTIVE
 10.225.189.0 255.255.255.0 10.225.2.206 1 STATIC ACTIVE
172.18.192.197 255.255.255.255
                                 0.0.0.0 3 LOCAL ACTIVE
#
```

#### 3 – Configurações dos Equipamentos

## Configurações de Rede



```
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
       inet 10.225.2.206 netmask 255.255.255.252 broadcast 10.225.2.207
       ether 00:90:27:ef:6f:f8 txqueuelen 10000 (Ethernet)
       RX packets 13 bytes 832 (832.0 B)
       RX errors 0 dropped 0 overruns 0
                                          frame 0
       TX packets 7 bytes 1015 (1015.0 B)
       TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
       device interrupt 16 memory 0xfe8e0000-fe900000
eth1: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
       inet 10.225.189.1 netmask 255.255.255.0 broadcast 10.225.189.255
       ether 00:90:27:ef:6f:f9 txqueuelen 10000 (Ethernet)
       RX packets 432 bytes 41501 (40.5 KiB)
       RX errors 0 dropped 0 overruns 0 frame 0
       TX packets 39 bytes 4655 (4.5 KiB)
       TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
       device interrupt 17 memory 0xfe9e0000-fea00000
```



## 4 – Teste de Velocidade - Download/Upload

