TERMO DE ACEITE TÉCNICO

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

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Orgão: SEDUC	**Unidade:** Lagoa do Sul	**Data Instalação** 02/10/2018	**Data Ativação** 02/10/2018
Operadora Global Eagle	**VSAT-ID** ATI-ES-0102-OUT	**Porta kbps** 4096/512	**Tipo** Outdoor

Piauí, 02 de Outubro de 2018

1 – Local da Instalação

2 – Configurações do Modem

```
# device show
System Information:
   Name             : ATI-ES-0102-OUT
   Location         : PI
   Contact          :
   System Up time   : 0 days, 10:09:26
   CPU Load         : 7%
   System time(UTC) : 03 October 2018 07:46:56
   Broadcast Message : not set


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


MAC addresses:
   Ethernet (LAN)   : 00:20:0e:10:8c:85
   Satellite (DVB)  : 00:20:0e:10:8c:85

# dvb tx show

Satellite (DVB) TX Configuration
-------------------------------
Auto start          : Enabled
IDU Output Power    : -20 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
-------------------------------
State           : On  (DVB-RCS2)
IDU Output Power    : -20.1 dBm
Es/No           : 13.0 dB
Header Compression  : Disabled
Timing correction   : -178 us (250139 us)
Frequency correction: -10 Hz
# 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    25.000000      11.628079 DVB-S2 105     0    0.0 E                Yes

Satellite (DVB) Receiver Status
-------------------------------
Rx State        : On
```

```
DVB State        : Forward link up
Network          : 1326,  ATI-PI
Frequency        : 11.628065 GHz
Symbol Rate      : 25.000154 Msps
S2 ModCod
   - receiving  : 1   QPSK-1/4
   - 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              : 13.1 dB
Input Power      : -36 dBm
# arp show

  NetAddr      State  MacAddr          If
  10.225.1.122  Dynamic 00:90:27:f0:30:66   1
# ip show
Interfaces
If    IPAddress     SubnetMask   BroadCastAddr   MTU        Alias   AdminStatus
1   10.225.1.121 255.255.255.252   10.225.1.123  1500            eth0   1
3   172.18.192.78 255.255.255.255       N/A 1500          dvb0   1
4       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   Octets
1 1599804   1428    118 395247349 2608449   399     0 3084563662
3 2639530     0     0 3172744924 1082580     0   928 343440704
4     0      0     0      0      0     0     0      0
IP Receive Deliver  Errors  Discards  Forward  Request  NoRoute   Discards
   4238486   1036     0      0 3689877   1268    55     202


Interface Directed Routing Table
 In If  Out If



   ---------------IP LAC Statistics----------------
  RPF     Src eq dest    RPF HitCount    SrceqdestHitCount     MfcHitCount (-1/drop classified)
Disabled    Enabled        0          0            0


Routing Table
    DestMask       RouteMask        NextHop  If  RtType
     0.0.0.0       0.0.0.0       0.0.0.0   3  STATIC
  10.225.1.120  255.255.255.252       0.0.0.0  1  LOCAL
  10.225.104.0   255.255.255.0   10.225.1.122  1  STATIC
  172.18.192.78 255.255.255.255       0.0.0.0  3  LOCAL
```
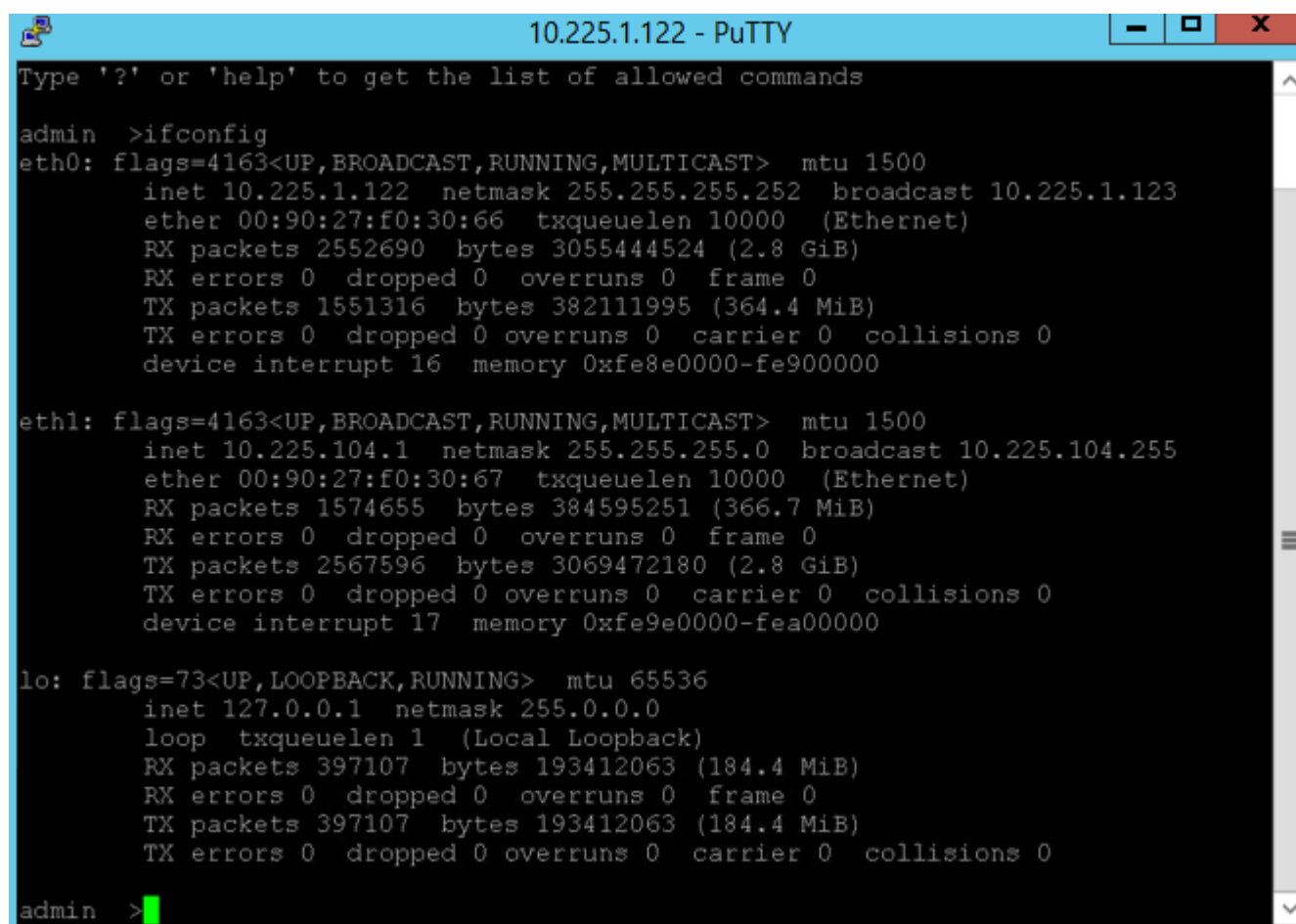
3 – Configurações dos Equipamentos


```
10.225.1.122 - PuTTY

Type '?' or 'help' to get the list of allowed commands

admin  >ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST>  mtu 1500
        inet 10.225.1.122  netmask 255.255.255.252  broadcast 10.225.1.123
        ether 00:90:27:f0:30:66  txqueuelen 10000  (Ethernet)
        RX packets 2552690  bytes 3055444524 (2.8 GiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 1551316  bytes 382111995 (364.4 MiB)
        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 10.225.104.1  netmask 255.255.255.0  broadcast 10.225.104.255
        ether 00:90:27:f0:30:67  txqueuelen 10000  (Ethernet)
        RX packets 1574655  bytes 384595251 (366.7 MiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 2567596  bytes 3069472180 (2.8 GiB)
        TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0
        device interrupt 17  memory 0xfe9e0000-fea00000

lo: flags=73<UP,LOOPBACK,RUNNING>  mtu 65536
        inet 127.0.0.1  netmask 255.0.0.0
        loop  txqueuelen 1  (Local Loopback)
        RX packets 397107  bytes 193412063 (184.4 MiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 397107  bytes 193412063 (184.4 MiB)
        TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0

admin  >
```

Wi-Fi

Piaui_Conectado
Conectado

LABORATÓRIO

GEFN

Maria Filha

Natanael

MAIS CONFIGURAÇÕES   CONCLUÍDO

4 – Teste de Velocidade

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