TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Guilherme Cunha	**Técnico Instalador:** Jean Polini **Contato**: 11 97701-2709 **Email**: jeanpolinitelecom@gmail.com
ATI: Weslley Souza	**Responsável/cliente:** Marcianny Carvalho Machado

Orgão: SEDUC	**Data Instalação** 05/11/2018	**Data Ativação** 05/11/2018
Unidade: Unidade Escolar Maria do Socorro Sampaio	**Município:** Caxingó	**Coordenadas:** 03°25'09.99"S 41°53'32.63"W

Operadora Global Eagle	**VSAT-ID** ATI-ES-0107-IND	**Porta kbps** 1024/256	**Tipo** Indoor

Piauí, 05 de novembro de 2018

1 – Local da Instalação

2 – Configurações do Modem

device show
System Information:

```
  Name            : ATI-ES-0107-IND
  Location        : Caxing▩ - PI
  Contact         :
  System Up time  : 0 days, 16:46:32
  CPU Load        : 8%
  System time(UTC) : 06 November 2018 07:50:02
  Broadcast Message : not set


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

MAC addresses:
  LAN             : 00:20:0e:10:86:e7
  Satellite (DVB) : 00:20:0e:10:86:e7


# 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
-------------------------------
State             : On  (DVB-RCS2)
IDU Output Power  : -17.9 dBm
Es/No             : 12.0 dB
Header Compression : Disabled
Timing correction : -133 us (249665 us)
Frequency correction: 10 Hz
# dvb rx show

Satellite (DVB) RX Configuration
-------------------------------
Auto start        : Enabled
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
Network           : 1326,  ATI-PI
Frequency         : 11.628057 GHz
```

```
Symbol Rate      : 25.000016 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       : 0.25
SNR            : 17.2 dB
Input Power       : -28 dBm
# arp show


  NetAddr      State   MacAddr          If
  10.225.1.142  Dynamic 00:90:27:f0:30:f6   1
# ip show
Interfaces
If     IPAddress     SubnetMask   BroadCastAddr  MTU        Alias   AdminStatus
 1   10.225.1.141 255.255.255.252   10.225.1.143 1500            eth0   1
 3  172.18.192.237 255.255.255.255        N/A 1540           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  646982    956    334 133907288  991867    569     1 1155583418
 3  955056     0    128 1162992151  319091     0    530  107806803
 4    0     0     0     0     0     0     0     0
IP  Receive  Deliver   Errors InDiscards  Forward  Request  NoRoute OutDiscards
  1600686   3083     0      0 1312372   3481    284     712

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  Row-Status
    0.0.0.0      0.0.0.0      0.0.0.0  3  STATIC  ACTIVE
  10.225.1.140 255.255.255.252      0.0.0.0  1  LOCAL  ACTIVE
  10.225.109.0  255.255.255.0   10.225.1.142  1  STATIC  ACTIVE
 172.18.192.237 255.255.255.255      0.0.0.0  3  LOCAL  ACTIVE
```

3 – Configurações dos Equipamentos

```
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST>  mtu 1500
        inet 10.225.1.142  netmask 255.255.255.252  broadcast 10.225.1.143
        ether 00:90:27:f0:30:f6  txqueuelen 10000  (Ethernet)
        RX packets 226295  bytes 314746194 (300.1 MiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 124532  bytes 8283328 (7.8 MiB)
        TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0
        device interrupt 16  memory 0xfe8e0000-fe900000

eth1: flags=4099<UP,BROADCAST,MULTICAST>  mtu 1500
        inet 10.225.109.1  netmask 255.255.255.0  broadcast 10.225.109.255
        ether 00:90:27:f0:30:f7  txqueuelen 10000  (Ethernet)
        RX packets 12371  bytes 2279450 (2.1 MiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 17520  bytes 18070887 (17.2 MiB)
        TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0
        device interrupt 17  memory 0xfe9e0000-fea00000
```

Configurações de Rede

Configurações	Interfaces	Roteamento Estático	Roteamento Dinâmico	Configurações IPv6	Controle de Banda	H.A.

Status	Interface	Endereço	Gateway	Tipo	Zona	Ação
●	❶ eth0	10.225.0.142/30	-	Física	WAN	✏ 🗑
●	❶ eth1	10.225.109.1/24	-	Física	LAN	✏ 🗑
◐	❶ eth2	-	-	Física	-	✏ 🗑
◐	❶ eth3	-	-	Física	-	✏ 🗑

20% ⚙ 👤

14:13
seg, 5 de nov ⏰ ter, 06:01

Piaui_Conectad ▼   Bluetooth ▼   Vivo ▼

Não perturbe   Vivo   VIVO (Claro BR)

Modo avião   Retrato   Lanterna

Localização   Transmitir   Roteador Wi-Fi

4 – Teste de Velocidade -Download/Upload

Graph (Username: ATI-ES-0107-IND)

■ Total FWD IP Rate from NetAcc   ■ RET IP Rate from Netacc

3,500 Kbps

3,000 Kbps

2,500 Kbps

2,000 Kbps

1,500 Kbps

1,000 Kbps

500 Kbps

0 Kbps

13:22   13:23   13:24   13:25   13:26   13:27

13:15   13:20

From: 11-05-2018 13:2 to: 11-05-2018 13:2   Zoom: MAX