TERMO DE ACEITE TÉCNICO

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

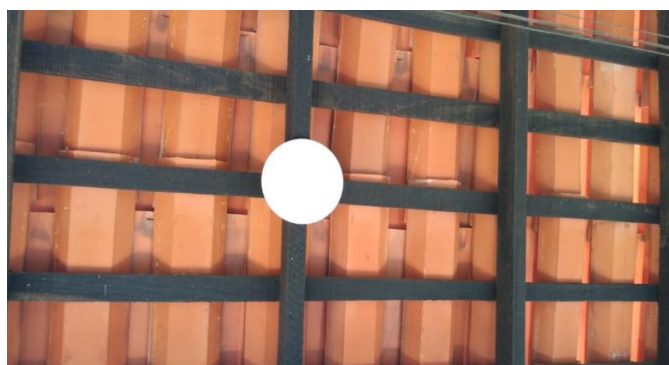|	
NOC/Operadora: Rogério Frias	**Técnico Instalador:** Osvaldo C. Oliveira **Contato**: 86 998024522 **Email**: costa-osvaldo@hotmail.com
ATI: Weslley Souza	**Responsável/cliente:** Meire L. C. N. Alves

Orgão: SEDUC	**Unidade: Esc. Estadual de Job Macedo Brito**	**Data Instalação** 12/09/2018	**Data Ativação** 12/09/2018
Operadora Global Eagle	**VSAT-ID** ATI-ES-0064-IND	**Porta kbps** 1024/256	**Tipo** Indoor

Piauí, 12 de setembro de 2018

1 – Local da Instalação

2 – Configurações do Modem

```
# device show
System Information:
  Name         : ATI-ES-0064-IND
  Location     : PI
  Contact      :
  System Up time  : 0 days, 01:19:51
```

```
  CPU Load         : 19%
  System time(UTC)  : 12 September 2018 15:15:38
  Broadcast Message  : not set

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

MAC addresses:
  Ethernet (LAN)    : 00:20:0e:10:88:bf
  Satellite (DVB)   : 00:20:0e:10:88:bf

# 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   : -19.8 dBm
Es/No           : 16.0 dB
Header Compression  : Disabled
Timing correction   : -268 us (249751 us)
Frequency correction: 340 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         : 11.628152 GHz
Symbol Rate        : 25.000387 Msps
S2 ModCod
    - receiving   : 1   QPSK-1/4
    - current max : 15   8PSK-5/6
```

```
Pilot           : On
Frame length    : Short
DVB S2 Mode     : ACM
DVB S2 Stream type  : MPEG-TS
Roll off        : 0.25
SNR             : 11.1 dB
Input Power     : -40 dBm
# arp show

  NetAddr      State  MacAddr          If
    10.225.0.2  Dynamic 00:90:27:f0:2f:c6   1
# ip show
Interfaces
If   IPAddress    SubnetMask  BroadCastAddr  MTU      Alias  Admi
nStatus
1    10.225.0.1 255.255.255.252    10.225.0.3 1500          eth0   1
3  172.18.193.215 255.255.255.255       N/A 1500          dvb0   1
4       N/A        N/A       N/A 1500          air0   1

DNS Client Configuration
 Primary DNS Server: 200.215.179.99, Secondary DNS Server: 200.215.179.97

Interface Statistics
  -------------- Input ---------------- ------------- Output ----------------
If  UCast NUCast   Disc   Octets  UCast NUCast   Disc   Octets
1   64978    14     0 38851049  52498     43     0  46500456
3   48534     0     0 46341875  53321      0    99  37178826
4    0     0     0     0     0     0     0     0
IP  Receive Deliver  Errors  Discards Forward Request NoRoute  Discards
   113484    111     0       0 105728    194     0       0

Interface Directed Routing Table
 In If  Out If


   ---------------IP LAC Statistics----------------
   RPF    Src eq dest    RPF HitCount    SrceqdestHitCount    MfcHitCoun
t (-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
   10.225.0.0 255.255.255.252     0.0.0.0 1  LOCAL
   10.225.10.0  255.255.255.0    10.225.0.2 1  STATIC
 172.18.193.215 255.255.255.255      0.0.0.0 3  LOCAL
#
```

3 – Configurações dos Equipamentos

Configurações de Rede

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

Status	Interface	Endereço	Gateway	Tipo	Zona	Ação
◉	ⓘ eth0	10.225.0.2/30	-	Física	WAN	✏ 🗑
◉	ⓘ eth1	10.225.10.1/24	-	Física	LAN	✏ 🗑
◎	ⓘ eth2	-	-	Física	-	✏ 🗑
◎	ⓘ eth3	-	-	Física	-	✏ 🗑

```
admin  >ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST>  mtu 1500
        inet 10.225.0.2  netmask 255.255.255.252  broadcast 10.225.0.3
        ether 00:90:27:f0:2f:c6  txqueuelen 10000   (Ethernet)
        RX packets 839  bytes 328373 (320.6 KiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 9654  bytes 2216297 (2.1 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 10.225.10.1  netmask 255.255.255.0  broadcast 10.225.10.255
        ether 00:90:27:f0:2f:c7  txqueuelen 10000   (Ethernet)
        RX packets 21907  bytes 3689917 (3.5 MiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 27918  bytes 37322477 (35.5 MiB)
        TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0
        device interrupt 17  memory 0xfe9e0000-fea00000
```

Piaui_Conectado
Conectado, seguro

Propriedades

Desconectar

Osvaldo Oliveira
Seguro

EM
Seguro

GRAMPOS
Seguro

Rede Oculta
Seguro

Configurações de Rede e Internet
Altere configurações, como tornar uma conexão limitada.

Piaui_Conecta
do

Modo avião

Hotspot móvel

POR
PTB2

12:02
12/09/2018

4 – Teste de Velocidade -Download/Upload

Graph (Username: ATI-ES-0064-IND)