TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Jefferson Marques	**Técnico Instalador:** Claudinei **Contato**: 11 96577-9767 **Email**: claudinei@telecomtorre.com.br	
ATI: Weslley Souza	**Responsável/cliente:** Renata Keila da Rocha Soare	

Orgão: SEDUC	**Unidade:** SEDUC – Barreiras do Piauí	**Data Instalação** 23/10/2018	**Data Ativação** 23/10/2018
Operadora Global Eagle	**VSAT-ID** ATI-ES-0177 -IND	**Porta kbps** 4096/512	**Tipo** Indoor

Piauí, 23 de Outubro de 2018

1 – Local da Instalação

2 – Configurações do Modem
device show
System Information:
  Name   : ATI-ES-0177-IND
  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

State   : On (DVB-RCS2)
IDU Output Power   : -18.1 dBm
Es/No   : 11.5 dB
Header Compression : Disabled
Timing correction   : -285 us (251559 us)
Frequency correction: 220 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       : 11.628134 GHz
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
If    IPAddress    SubnetMask   BroadCastAddr  MTU       Alias   AdminStatus
 1   10.225.2.205 255.255.255.252   10.225.2.207  1500           eth0   1
 3  172.18.192.197 255.255.255.255       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  181326    6     0  59000610 268140    491     0 265378605
 3  251831    0     0 268379266 104434    0    744 51815142
 4    0     0     0     0     0     0     0     0
IP  Receive Deliver  Errors InDiscards Forward  Request  NoRoute OutDiscards
   432107   143    0      0  372860    781    0      0


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
 10.225.2.204  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

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

Status	Interface	Endereço	Gateway	Tipo	Zona	Ação
◉	ⓘ eth0	10.225.2.206/30	-	Física	WAN	✏ 🗑
◉	ⓘ eth1	10.225.189.1/24	10.225.189.1	Física	LAN	✏ 🗑
◯	ⓘ eth2	-	-	Física	-	✏ 🗑
◯	ⓘ eth3	-	-	Física	-	✏ 🗑

```
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