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
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Orgão: SEDUC	**Unidade:** SEDUC – Monte Alegre do Piauí	**Data Instalação** 22/10/2018	**Data Ativação** 22/10/2018
Operadora Global Eagle	**VSAT-ID** ATI-ES-0176 -IND	**Porta kbps** 4096/512	**Tipo** Indoor

Piauí, 22 de Outubro de 2018

1 – Local da Instalação

2 – Configurações do Modem
device show
System Information:
  Name   : ATI-ES-0176-IND
  Location   : Monte Alegre do Piaui - PI
  Contact   :
  System Up time   : 0 days, 00:03:28
  CPU Load   : 39%
  System time(UTC)   : 22 October 2018 18:34:57
  Broadcast Message   : not set

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

MAC addresses:
  LAN   : 00:20:0e:10:86:9e
  Satellite (DVB)   : 00:20:0e:10:86:9e

dvb tx show

Satellite (DVB) TX Configuration

Auto start   : Enabled
BUPC status   : Disabled
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   : -19.9 dBm
Es/No   : 14.0 dB
Header Compression : Disabled
Timing correction   : -71 us (251471 us)
Frequency correction: 390 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       : 11.628116 GHz
Symbol Rate     : 24.999789 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             : 13.4 dB
Input Power     : -37 dBm
# arp show


  NetAddr      State  MacAddr          If
  10.225.2.202  Dynamic 00:90:27:f0:30:56   1
# ip show
Interfaces
If    IPAddress     SubnetMask    BroadCastAddr  MTU        Alias   AdminStatus
1   10.225.2.201 255.255.255.252   10.225.2.203  1500          eth0   1
3  172.18.192.195 255.255.255.255        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     39      0      0    11999     34      7      0    3563
3    154      0      0    10293    235      0      0   21249
4     0      0      0      0      0      0      0      0
IP  Receive  Deliver  Errors InDiscards  Forward  Request  NoRoute OutDiscards
     185     129      0       0      267     213      0       1


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
  10.225.2.200 255.255.255.252      0.0.0.0  1  LOCAL  ACTIVE
  10.225.188.0  255.255.255.0  10.225.2.202  1  STATIC  ACTIVE
 172.18.192.195 255.255.255.255      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
⬤	❶ eth0	10.225.2.202/30	-	Física	WAN	✏️ 🗑️
⬤	❶ eth1	10.225.188.1/24	10.225.188.1	Física	LAN	✏️ 🗑️
⬤	❶ eth2	-	-	Física	-	✏️ 🗑️
⬤	❶ eth3	-	-	Física	-	✏️ 🗑️

```
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST>  mtu 1500
        inet 10.225.2.202  netmask 255.255.255.252  broadcast 10.225.2.203
        ether 00:90:27:f0:30:56  txqueuelen 10000  (Ethernet)
        RX packets 314  bytes 81149 (79.2 KiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 606  bytes 68102 (66.5 KiB)
        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 10.225.188.1  netmask 255.255.255.0  broadcast 10.225.188.255
        ether 00:90:27:f0:30:57  txqueuelen 10000  (Ethernet)
        RX packets 551  bytes 81271 (79.3 KiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 220  bytes 73765 (72.0 KiB)
        TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0
        device interrupt 17  memory 0xfe9e0000-fea00000
```

4 – Teste de Velocidade -Download/Upload