TERMO DE ACEITE TÉCNICO

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

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ATI: Weslley Souza	**Responsável/cliente:** Francisca Bispo de Brito Lima

Orgão: SEDUC	**Unidade:** Unidade Escolar Antonio Vitória de Sousa	**Data Instalação** 12/09/2018	**Data Ativação** 12/09/2018
Operadora Global Eagle	**VSAT-ID** ATI-PB-0004-OUT	**Porta kbps** 1024/256	**Tipo** Outdoor

Contrato: 016/2018

1 – Local da Instalação

2 – Configurações do Modem

SatLink 2000
- Main board ID 120026, Revision R6.2
- SW ID 120208, Revision 16.0.2 Build 64
device show
System Information:
   Name   : ATI-PB-0004-OUT
   Location   : PI
   Contact   :
   System Up time   : 0 days, 03:39:18
   CPU Load   : 9%
   System time(UTC)   : 12 September 2018 16:13:58
   Broadcast Message   : not set

HW:
   Model   : SatLink 2000

```
   HW ID          : 120033
   Main board ID    : 120026 R6.2

MAC addresses:
   Ethernet (LAN)    : 00:20:0e:10:89:c9
   Satellite (DVB)   : 00:20:0e:10:89:c9

# 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   : -19.9 dBm
Es/No           : 15.5 dB
Header Compression  : Disabled
Timing correction   : -236 us (250098 us)
Frequency correction: 330 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         : 11.628089 GHz
Symbol Rate        : 24.999782 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           : 11.3 dB
```

```
Input Power      : -37 dBm
# ip show
Interfaces
If    IPAddress    SubnetMask  BroadCastAddr  MTU        Alias   Admi
nStatus
1    10.225.1.81 255.255.255.252   10.225.1.83 1500          eth0   1
3  172.18.193.252 255.255.255.255        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  255471   1357   1349 204901570 242806    609    1 154054551
3  235821    0     0 156048212 226046    0   5676 192565961
4   0    0    0     0    0    0    0     0
IP  Receive Deliver  Errors  Discards Forward Request NoRoute  Discards
   491258   6649    0     0 470038   7043    42    1542


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
  10.225.1.80  255.255.255.252      0.0.0.0  1  LOCAL
  10.225.94.0   255.255.255.0   10.225.1.82  1  STATIC
 172.18.193.252 255.255.255.255       0.0.0.0  3  LOCAL
#
```

3 – Configurações dos Equipamentos

```
admin  >ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST>  mtu 1500
        inet 10.225.1.82  netmask 255.255.255.252  broadcast 10.225.1.83
        ether 00:90:27:f0:32:b2  txqueuelen 10000  (Ethernet)
        RX packets 169645  bytes 132282674 (126.1 MiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 157035  bytes 111566935 (106.3 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 10.225.94.1  netmask 255.255.255.0  broadcast 10.225.94.255
        ether 00:90:27:f0:32:b3  txqueuelen 10000  (Ethernet)
        RX packets 146657  bytes 87053505 (83.0 MiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 164617  bytes 146775973 (139.9 MiB)
        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 829764  bytes 241382424 (230.2 MiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 829764  bytes 241382424 (230.2 MiB)
        TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0
```

BLOCKBIT | UTM

A Não seguro | https://10.225.87.1:98/admin/apps/network.php

BLOCKBIT UTM

- Dashboard
- Relatórios
- Monitor
- Políticas
- Serviços
- Sistema
  - » Rede
  - » Autenticação
  - » Administração
  - » Licença
  - » Armazenamentos
  - » Backups
  - » Certificados
  - » Objetos
- Snapshot

Configurações de Rede

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

Status	Interface	Endereço	Gateway	Tipo	Zona	Ação
⬤	ⓘ eth0	10.225.1.54/30	-	Física	WAN	✎ 🗑
⬤	ⓘ eth1	10.225.87.1/24	-	Física	LAN	✎ 🗑
⬤	ⓘ eth2	-	-	Física	-	✎ 🗑
⬤	ⓘ eth3	-	-	Física	-	✎ 🗑

4 – Teste de Velocidade
Download/Upload

Graph (Username: ATI-PB-0004-OUT)

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

900 Kbps	
800 Kbps	
700 Kbps	
600 Kbps	
500 Kbps	
400 Kbps	

12:22	12:22:30	12:23	12:23:30	12:24	12:24:30	12:25	12:25:30

12:22	12:22:30	12:23	12:23:30	12:24	12:24:30	12:25	12:25:30

From: 09-12-2018 12:2｜ to: 09-12-2018 12:2｜　　　　　Zoom: MAX