



TERMO DE ACEITE TÉCNICO

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

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Orgão: SEDUC **Unidade:** Unidade Escolar Moisaníel Alves de Sousa

Data Instalação
21/09/2018

Data Ativação
21/09/2018

Operadora
Global Eagle

VSAT-ID
ATI-ES-0083-IND

Porta kbps
4096/512

Tipo
Indoor

Piauí, 22 de setembro de 2018

1 – Local da Instalação



2 – Configurações do Modem

device show

System Information:

Name : ATI-ES-0083-IND
Location : Lagoinha do Piauí - PI
Contact :
System Up time : 1 day, 13:49:00
CPU Load : 19%
System time(UTC) : 24 September 2018 13:51:17
Broadcast Message : not set

HW:

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

MAC addresses:

LAN : 00:20:0e:10:8a:16
Satellite (DVB) : 00:20:0e:10:8a:16

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 : -20.1 dBm
Es/No : 16.5 dB
Header Compression : Disabled
Timing correction : -260 us (250072 us)
Frequency correction: 290 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     : 11.628110 GHz
Symbol Rate   : 24.999985 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    : -39 dBm

```

arp show

```

NetAddr  State  MacAddr      If
10.225.0.38 Dynamic 00:0b:ab:f5:c7:3a 1

```

ip show

Interfaces

If	IPAddress	SubnetMask	BroadCastAddr	MTU	Alias	AdminStatus
1	10.225.0.37	255.255.255.252	10.225.0.39	1500	eth0	1
3	172.18.192.55	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   142957    0    0 14068063 256274  1093    0 323135183
3   261027    0    0 324905986 41262    0    0 7773953
4    0    0    0    0    0    0    0    0
IP Receive Deliver  Errors InDiscards Forward Request NoRoute OutDiscards
  401649   9928    0    0 295273  11065    0    1

```

Interface Directed Routing Table

In If Out If

-----IP LAC Statistics-----

RPF	Src eq dest	RPF HitCount	Src eq dest HitCount	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
10.225.0.36	255.255.255.252	0.0.0.0	1	LOCAL	ACTIVE
10.225.19.0	255.255.255.0	10.225.0.38	1	STATIC	ACTIVE
172.18.192.55	255.255.255.255	0.0.0.0	3	LOCAL	ACTIVE

Configurações de Rede

[Configurações](#)[Interfaces](#)[Roteamento Estático](#)[Roteamento Dinâmico](#)[Configurações IPv6](#)[Controle de Banda](#)[H.A.](#)

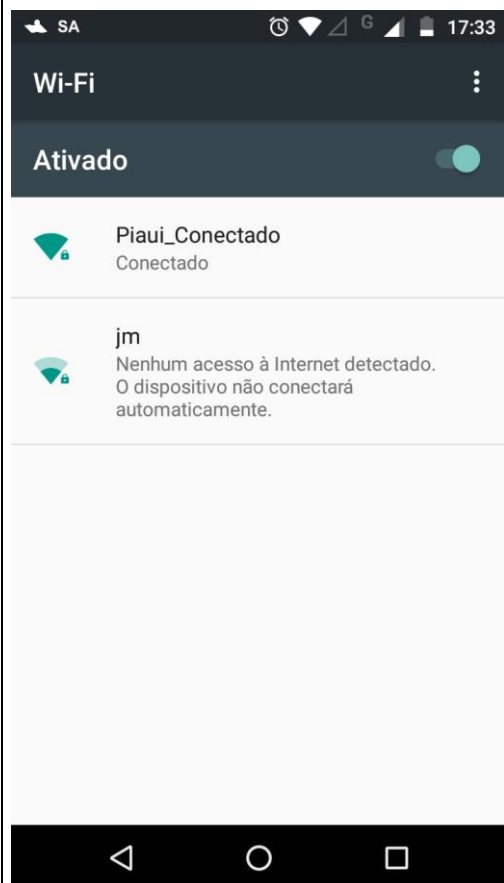
Status	Interface	Endereço	Gateway	Tipo	Zona	Ação
	eth0	10.225.0.38/30	-	Física	WAN	
	eth1	10.225.19.1/24	-	Física	LAN	
	eth2	-	-	Física	-	
	eth3	-	-	Física	-	

```
admin >ifconfig
```

```
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
      inet 10.225.0.38 netmask 255.255.255.252 broadcast 10.225.0.39
      ether 00:0b:ab:f5:c7:3a txqueuelen 10000 (Ethernet)
      RX packets 2088 bytes 979775 (956.8 KiB)
      RX errors 0 dropped 0 overruns 0 frame 0
      TX packets 380 bytes 46182 (45.0 KiB)
      TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
      device memory 0xd0900000-d091ffff
```

```
eth1: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
      inet 10.225.19.1 netmask 255.255.255.0 broadcast 10.225.19.255
      ether 00:0b:ab:f5:c7:3b txqueuelen 10000 (Ethernet)
      RX packets 7216 bytes 1418552 (1.3 MiB)
      RX errors 0 dropped 0 overruns 0 frame 0
      TX packets 11421 bytes 13105369 (12.4 MiB)
      TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
      device memory 0xd0800000-d081ffff
```

```
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 279710 bytes 79422207 (75.7 MiB)
      RX errors 0 dropped 0 overruns 0 frame 0
      TX packets 279710 bytes 79422207 (75.7 MiB)
      TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
```



4 – Teste de Velocidade -Download/Upload

