



TERMO DE ACEITE TÉCNICO

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

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Orgão: SEDUC

Unidade: Unidade Escolar Isol. Getúlio Vargas

Data Instalação

21/12/2018

Data Ativação

21/12/2018

Operadora
Global Eagle

VSAT-ID
ATI-ES-0231-IND

Porta kbps
4096/512

Tipo
Indoor

Piauí, 21 de dezembro de 2018

1 – Local da Instalação



2 – Configurações do Modem

device show

System Information:

Name : ATI-ES-0231-IND
Location : São Miguel da Baixa Grande - PI
Contact :
System Up time : 0 days, 00:13:37
CPU Load : 34%
System time(UTC) : 21 December 2018 16:49:47
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:b7
Satellite (DVB) : 00:20:0e:10:85:b7

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 : -20.0 dBm
Es/No : 12.0 dB
Header Compression : Disabled
Timing correction : -163 us (249920 us)
Frequency correction: 450 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[Mbps]	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 : 11.628104 GHz
Symbol Rate : 24.999887 Msps
S2 ModCod
- receiving : 21 16APSK-5/6
- current max : 21 16APSK-5/6

Pilot : On
Frame length : Short
DVB S2 Mode : ACM
DVB S2 Stream type : MPEG-TS
Roll off : 0.25
SNR : 15.0 dB
Input Power : -34 dBm

arp show

NetAddr	State	MacAddr	If
10.225.3.166	Dynamic	00:90:27:ef:70:fc	1

ip show

Interfaces

If	IPAddress	SubnetMask	BroadCastAddr	MTU	Alias	AdminStatus
1	10.225.3.165	255.255.255.252	10.225.3.167	1500	eth0	1
3	172.18.137.234	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	333	7	0	66372	336	12	0	50434
3	667	0	0	71745	825	0	0	94644
4	0	0	0	0	0	0	0	0

IP	Receive	Deliver	Errors	InDiscards	Forward	Request	NoRoute	OutDiscards
	976	421	0	0	1149	573	0	2

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
10.225.3.164	255.255.255.252	0.0.0.0	1	LOCAL	ACTIVE
10.225.243.0	255.255.255.0	10.225.3.166	1	STATIC	ACTIVE
172.18.137.234	255.255.255.255	0.0.0.0	3	LOCAL	ACTIVE

3 – Configurações dos Equipamentos

Configurações de Rede

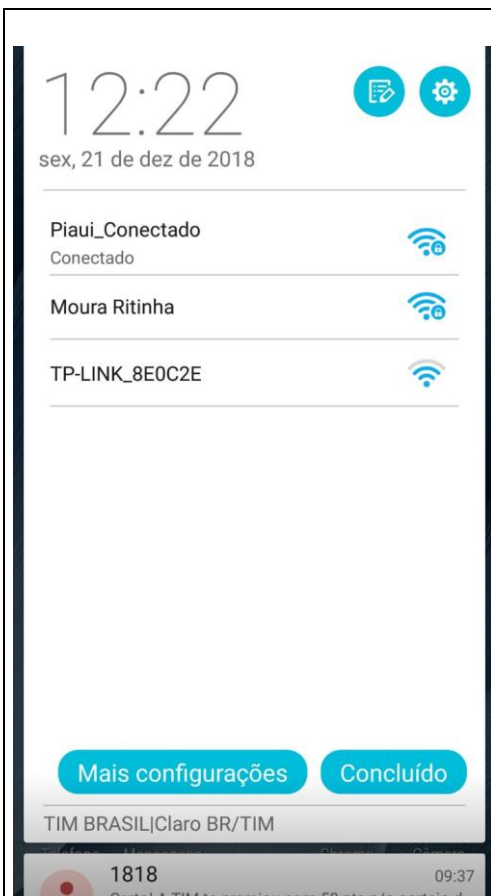
Configurações	Interfaces	Roteamento Estático	Roteamento Dinâmico	Configurações IPv6	Controle de Banda	H.A.
Status	Interface	Endereço	Gateway	Tipo	Zona	Ação
	 eth0	10.225.3.166/30	-	Física	WAN	 
	 eth1	10.225.243.1/24	-	Física	LAN	 
	 eth2	-	-	Física	-	 
	 eth3	-	-	Física	-	 

```
admin >ifconfig
```

```
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 10.225.3.166 netmask 255.255.255.252 broadcast 10.225.3.167
    ether 00:90:27:ef:70:fc txqueuelen 10000 (Ethernet)
    RX packets 1186 bytes 331207 (323.4 KiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 732 bytes 46948 (45.8 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 10.225.243.1 netmask 255.255.255.0 broadcast 10.225.243.255
    ether 00:90:27:ef:70:fd txqueuelen 10000 (Ethernet)
    RX packets 1330 bytes 247536 (241.7 KiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 4024 bytes 5293689 (5.0 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 39044 bytes 34050752 (32.4 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 39044 bytes 34050752 (32.4 MiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
```



4 – Teste de Velocidade -Download/Upload

