



TERMO DE ACEITE TÉCNICO

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

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Orgão: SEDUC	Unidade: Senador Helvídio Nunes	Data Instalação 05/10/2018	Data Ativação 05/10/2018
Operadora Global Eagle	VSAT-ID ATI-ES-0129-IND	Porta kbps 4024/256	Tipo Indoor

Piauí, 05 de Outubro de 2018

1 – Local da Instalação



2 – Configurações do Modem

device show

System Information:

Name : ATI-ES-0129-IND
Location : Sussuapara - PI
Contact :
System Up time : 0 days, 03:56:43
CPU Load : 16%
System time(UTC) : 05 October 2018 21:31:53
Broadcast Message : not set

HW:

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

MAC addresses:

LAN : 00:20:0e:10:86:59
Satellite (DVB) : 00:20:0e:10:86:59

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 : 14.0 dB
Header Compression : Disabled
Timing correction : -13 us (249754 us)
Frequency correction: 310 Hz

dvb rx show

Satellite (DVB) RX Configuration

Auto start : Enabled
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     : 11.628071 GHz
Symbol Rate   : 24.999737 Msps
S2 ModCod
```

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- receiving : 1 QPSK-1/4
- current max : 14 8PSK-3/4
```

Pilot : On

Frame length : Short

DVB S2 Mode : ACM

DVB S2 Stream type : MPEG-TS

Roll off : 0.25

SNR : 12.9 dB

Input Power : -35 dBm

```
# odu show
```

Antenna

Type ASC/Andrew/Channel Master Type 123 - 1.2m

Antenna controller	None
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Tx Gain 43.3dB

Transmitter (BUC)

Type JRC NJT5017 (14.0-14.5 GHz)

Local oscillator 13.050000 GHz

DC supply 24V On

Reference	10Mhz On
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Receiver (LNB)

Type SatLink 403x (10.70-12.75 GHz)

Local oscillator - LO1 9.750000 GHz

Local oscillator - LO2	10.600000 GHz
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Oscillator switching frequency 1-2 11.700000 GHz

LO Switching mode 22KHz

13/18V DC supply 13V

```
# ip show
```

Interfaces

If	IPAddress	SubnetMask	BroadCastAddr	MTU	Alias	AdminStatus
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```
1 10.225.1.229 255.255.255.252 10.225.1.231 1540 eth0 1
```

3	172.18.192.111	255.255.255.255	N/A	1540	dvb0	1
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4	N/A	N/A	N/A	1540	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	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	1	1
20	1	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1	1
22	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1
31	1	1	1	1	1	1	1	1
32	1	1	1	1	1	1	1	1
33	1	1	1	1	1	1	1	1
34	1	1	1	1	1	1	1	1
35	1	1	1	1	1	1	1	1
36	1	1	1	1	1	1	1	1
37	1	1	1	1	1	1	1	1
38	1	1	1	1	1	1	1	1
39	1	1	1	1	1	1	1	1
40	1	1	1	1	1	1	1	1
41	1	1	1	1	1	1	1	1
42	1	1	1	1	1	1	1	1
43	1	1	1	1	1	1	1	1
44	1	1	1	1	1	1	1	1
45	1	1	1	1	1	1	1	1
46	1	1	1	1	1	1	1	1
47	1	1	1	1	1	1	1	1
48	1	1	1	1	1	1	1	1
49	1	1	1	1	1	1	1	1
50	1	1	1	1	1	1	1	1
51	1	1	1	1	1	1	1	1
52	1	1	1	1	1	1	1	1
53	1	1	1	1	1	1	1	1
54	1	1	1	1	1	1	1	1
55	1	1	1	1	1	1	1	1
56	1	1	1	1	1	1	1	1
57	1	1	1	1				

1 73299 93 88 54709454 82772 128 1 38667334

3 66971 0 0 37785714 62075 0 0 51937200

4 0 0 0 0 0 0 0 0

IP	Receive	Deliver	Errors	InDiscards	Forward	Request	NoRoute	OutDiscards
140071	614	0	0	144913	906	13	58	

Interface Directed Routing Table

In If	Out If
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-----IP LAC Statistics-----

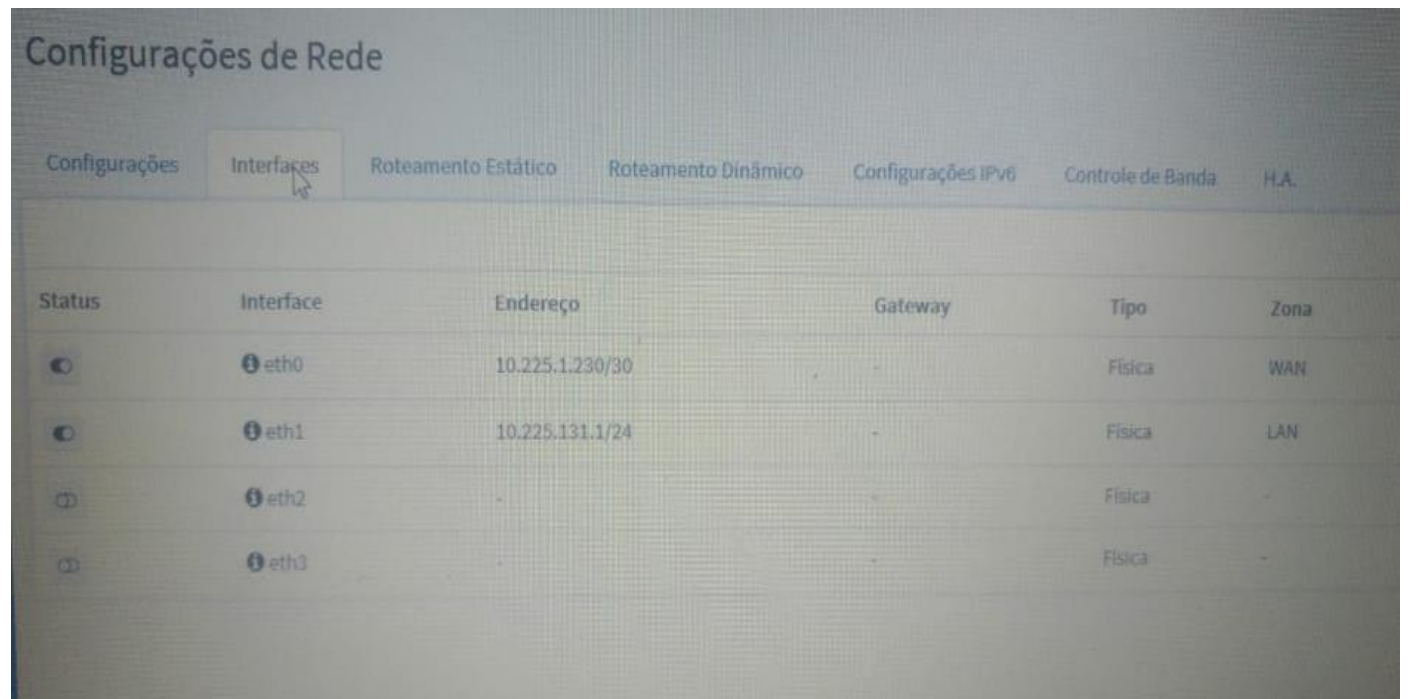
RPF	Src eq dest	RPF HitCount	Src eq dest HitCount	MfcHitCount (-1/drop classified)
Disabled	Enabled	0	0	0

Routing Table

DestMask	RouteMask	NextHop	If	RtType	Row-Status
0.0.0.0	0.0.0.0	0.0.0.0	3	STATIC	ACTIVE
10.225.1.228	255.255.255.252	0.0.0.0	1	LOCAL	ACTIVE
10.225.131.0	255.255.255.0	10.225.1.230	1	STATIC	ACTIVE
172.18.192.111	255.255.255.255	0.0.0.0	3	LOCAL	ACTIVE

#

3 – Configurações dos Equipamentos



```
Welcome to Blockdit
Type '?' or 'help' to get the list of allowed commands

admin >ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 10.225.1.238 netmask 255.255.255.252 broadcast 10.225.1.231
    ether 00:90:27:f0:89:ac txqueuelen 10000 (Ethernet)
    RX packets 269852 bytes 278267977 (265.3 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 184131 bytes 181653376 (96.9 MiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
    device interrupt 16 memory 0xf08e0000-f0d00000

eth1: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 10.225.131.1 netmask 255.255.255.0 broadcast 10.225.131.255
    ether 00:90:27:f0:89:ad txqueuelen 10000 (Ethernet)
    RX packets 167243 bytes 59717711 (56.9 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 181635 bytes 225776671 (263.0 MiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
    device interrupt 17 memory 0xf09e0000-f0e00000

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 491862 bytes 278002315 (264.0 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 491862 bytes 278002315 (264.0 MiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

admin >
```



Troca de rede inteligente

Alterna automaticamente entre Wi-Fi e redes móveis e também entre bandas de 2,4 GHz e 5 GHz, para manter uma conexão estável com a Internet.



Redes Wi-Fi



Piaui_Conectado

Conectado



PACNETHN

Salvo, Protegida

.Shop. Cid. Sao Paulo_.

Fora do intervalo

4 – Teste de Velocidade

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