



TERMO DE ACEITE TÉCNICO

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

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Orgão: PMPI	Unidade: PMPI - Uruçuí	Data Instalação 11/10/2018	Data Ativação 11/10/2018
Operadora Global Eagle	VSAT-ID ATI-OU-0021-IND	Porta kbps 4096/512	Tipo indoor

Piauí, 11 de Outubro de 2018

1 – Local da Instalação



2 – Configurações do Modem

SatLink 2000

- Main board ID 120026, Revision R6.2

- SW 120810 17.0.4 Build 114

device show

System Information:

Name : ATI-OU-0021-IND

Location : URUCUI PI

Contact :

System Up time : 0 days, 02:47:32

CPU Load : 34%

System time(UTC) : 11 October 2018 19:21:14

Broadcast Message : not set

HW:

Model : SatLink 2000

HW ID : 120033

Main board ID : 120026 R6.2

MAC addresses:

LAN : 00:20:0e:10:8d:1a

Satellite (DVB) : 00:20:0e:10:8d:1a

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 : 16.0 dB

Header Compression : Disabled

Timing correction : -45 us (250906 us)

Frequency correction: 410 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     : 11.628108 GHz
Symbol Rate   : 24.999955 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            : 15.4 dB
Input Power    : -36 dBm

```

```
# arp show
```

```

NetAddr  State  MacAddr      If
10.225.1.6 Dynamic 00:90:27:f0:31:1e 1

```

```
# ip show
```

```
Interfaces
```

If	IPAddress	SubnetMask	BroadCastAddr	MTU	Alias	AdminStatus
1	10.225.1.5	255.255.255.252	10.225.1.7	1500	eth0	1
3	172.18.192.161	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   138924    0    40 52399644 226715    85    0 281949898
3   217566    0    5 283231427 54408     0    0 46563322
4     0      0    0    0      0      0    0    0
IP Receive Deliver Errors InDiscards Forward Request NoRoute OutDiscards
356260  872    0    0 281108  1067    0    46

```

```
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
10.225.1.4	255.255.255.252	0.0.0.0 1	LOCAL	ACTIVE
10.225.75.0	255.255.255.0	10.225.1.6 1	STATIC	ACTIVE
172.18.192.161	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

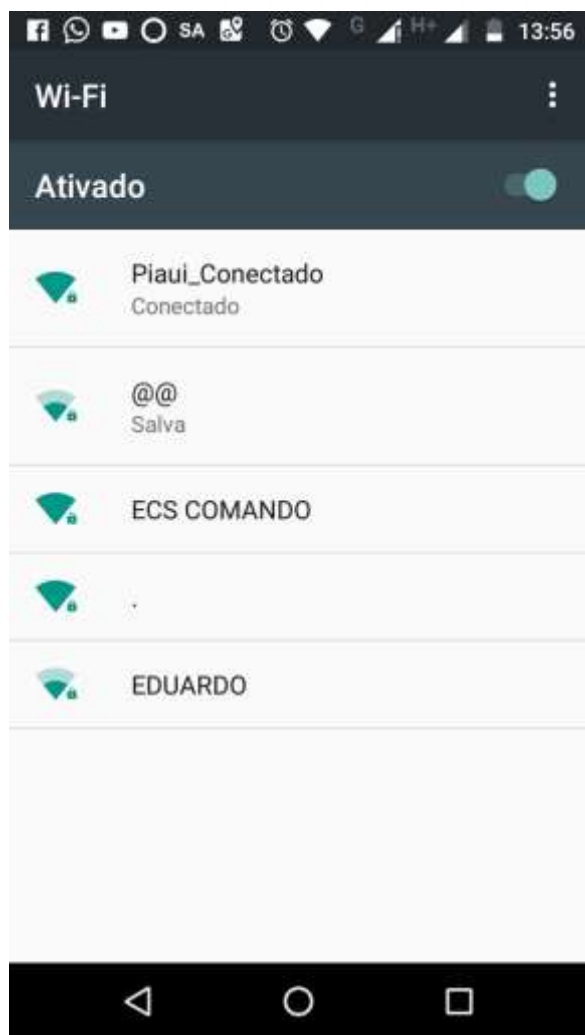
H.A.

Status	Interface	Endereço	Gateway	Tipo	Zona	Ação
	 eth0	10.225.1.6/30	-	Física	WAN	 
	 eth1	10.225.75.1/24	-	Física	LAN	 
	 eth2	-	-	Física	-	 
	 eth3	-	-	Física	-	 

```
admin >ifconfig
```

```
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 10.225.1.6 netmask 255.255.255.252 broadcast 10.225.1.7
    ether 00:90:27:f0:31:1e txqueuelen 10000 (Ethernet)
    RX packets 0 bytes 0 (0.0 B)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 12 bytes 768 (768.0 B)
    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 10.225.75.1 netmask 255.255.255.0 broadcast 10.225.75.255
    ether 00:90:27:f0:31:1f txqueuelen 1000 (Ethernet)
    RX packets 6450 bytes 1159348 (1.1 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 10513 bytes 12507126 (11.9 MiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
    device interrupt 17 memory 0xfe9e0000-fea00000
```



4 – Teste de Velocidade -Download/Upload



