



# TERMO DE ACEITE TÉCNICO

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

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**Orgão:** SEDUC **Unidade:** Unidade Escolar Dep. Alberto de Moura Monteiro

**Data Instalação**  
21/09/2018

**Data Ativação**  
21/09/2018

**Operadora**  
Global Eagle

**VSAT-ID**  
ATI-ES-0095-IND

**Porta kbps**  
4096/512

**Tipo**  
Indoor

Piauí, 21 de setembro de 2018

## 1 – Local da Instalação



## 2 – Configurações do Modem

# device show

System Information:

Name : ATI-ES-0095-IND  
Location : PI  
Contact :  
System Up time : 0 days, 02:53:08  
CPU Load : 14%  
System time(UTC) : 22 September 2018 19:06:33  
Broadcast Message : not set

HW:

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

MAC addresses:

LAN : 00:20:0e:10:8b:88  
Satellite (DVB) : 00:20:0e:10:8b:88

# 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 : -19.8 dBm  
Es/No : 14.0 dB  
Header Compression : Disabled  
Timing correction : -56 us (250121 us)  
Frequency correction: 310 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 : 11.628125 GHz  
Symbol Rate : 25.000259 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 : 13.7 dB  
Input Power : -31 dBm

## # arp show

NetAddr	State	MacAddr	If
10.225.0.42	Dynamic	00:0b:ab:f5:ca:60	1

## # ip show

### Interfaces

If	IPAddress	SubnetMask	BroadCastAddr	MTU	Alias	AdminStatus
1	10.225.0.41	255.255.255.252	10.225.0.43	1500	eth0	1
3	172.18.192.20	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	210073	499	322	93281618	352921	104	0	434020140
3	337801	0	0	436925804	88478	0	3758	79515600
4	0	0	0	0	0	0	0	0

IP Receive Deliver Errors InDiscards Forward Request NoRoute OutDiscards

548112	929	0	0	445382	1151	239	268
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## 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
10.225.0.40	255.255.255.252	0.0.0.0	1	LOCAL	ACTIVE
10.225.20.0	255.255.255.0	10.225.0.42	1	STATIC	ACTIVE
172.18.192.20	255.255.255.255	0.0.0.0	3	LOCAL	ACTIVE

### 3 – Configurações dos Equipamentos

#### Configurações de Rede

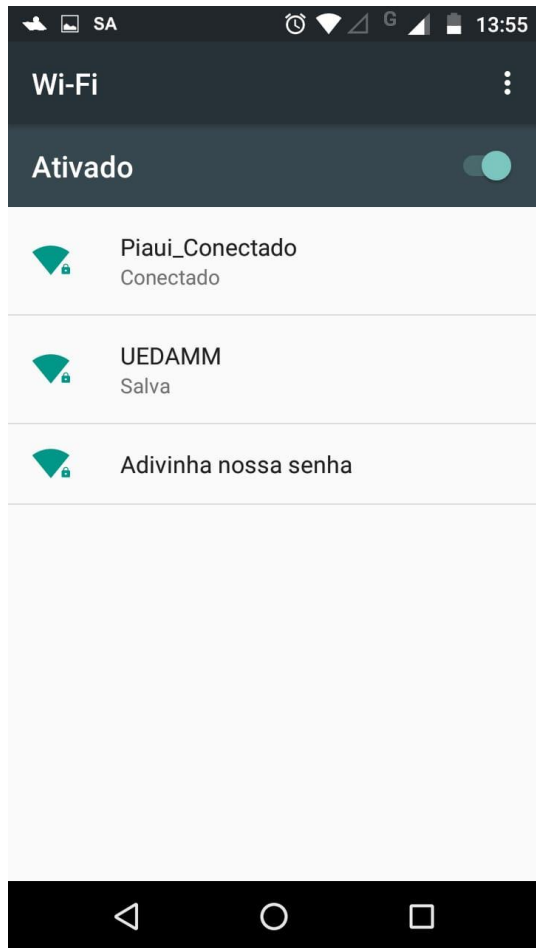
Configurações	Interfaces	Roteamento Estático	Roteamento Dinâmico	Configurações IPv6	Controle de Banda	H.A.
Status	Interface	Endereço	Gateway	Tipo	Zona	Ação
	 eth0	10.225.0.42/30	-	Física	WAN	 
	 eth1	10.225.20.1/24	-	Física	LAN	 
	 eth2	-	-	Física	-	 
	 eth3	-	-	Física	-	 

admin >ifconfig

```
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 10.225.0.42 netmask 255.255.255.252 broadcast 10.225.0.43
    ether 00:0b:ab:f5:ca:60 txqueuelen 10000 (Ethernet)
    RX packets 84 bytes 14996 (14.6 KiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 102 bytes 10594 (10.3 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 10.225.20.1 netmask 255.255.255.0 broadcast 10.225.20.255
    ether 00:0b:ab:f5:ca:61 txqueuelen 10000 (Ethernet)
    RX packets 5151 bytes 1166125 (1.1 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 10975 bytes 13102895 (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 185825 bytes 40082801 (38.2 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 185825 bytes 40082801 (38.2 MiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
```



#### 4 – Teste de Velocidade -Download/Upload

