



# TERMO DE ACEITE TÉCNICO

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

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<b>Orgão:</b> SEDUC	<b>Unidade:</b> Unidade Escolar Maria de Sousa Andrade	<b>Data Instalação</b> 22/10/2018	<b>Data Ativação</b> 22/10/2018
<b>Operadora</b> Global Eagle	<b>VSAT-ID</b> ATI-ES-0168-IND	<b>Porta kbps</b> 4096/512	<b>Tipo</b> Outdoor

Piauí, 22 de Outubro de 2018

## 1 – Local da Instalação



## 2 – Configurações do Modem

# device show

System Information:

Name : ATI-ES-0168-IND

Location : Tamboril do Piauí - PI

Contact :  
System Up time : 0 days, 08:33:23  
CPU Load : 14%  
System time(UTC) : 23 October 2018 07:45:42  
Broadcast Message : not set

HW:

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

MAC addresses:

LAN : 00:20:0e:10:88:5a  
Satellite (DVB) : 00:20:0e:10:88:5a

# dvb tx show

Satellite (DVB) TX Configuration

-----  
Auto start : Enabled  
BUPC status : Disabled  
IDU Output Power : -16 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 : -15.8 dBm  
Es/No : 14.5 dB  
Header Compression : Disabled  
Timing correction : -144 us (250418 us)  
Frequency correction: 60 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 : 11.628080 GHz  
Symbol Rate : 25.000399 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 : 15.9 dB

Input Power : -37 dBm

# arp show

NetAddr	State	MacAddr	If
10.225.2.170	Dynamic	00:90:27:f0:87:f8	1

# ip show

Interfaces

If	IPAddress	SubnetMask	BroadCastAddr	MTU	Alias	AdminStatus
1	10.225.2.169	255.255.255.252	10.225.2.171	1500	eth0	1
3	172.18.192.200	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	120135	0	105	31422688	156838	252	0	161713196
3	148183	0	74	166922749	56274	0	0	26635769
4	0	0	0	0	0	0	0	0

IP	Receive	Deliver	Errors	InDiscards	Forward	Request	NoRoute	OutDiscards
	267283	172	0	0	212595	545	0	183

Interface Directed Routing Table

In If Out If

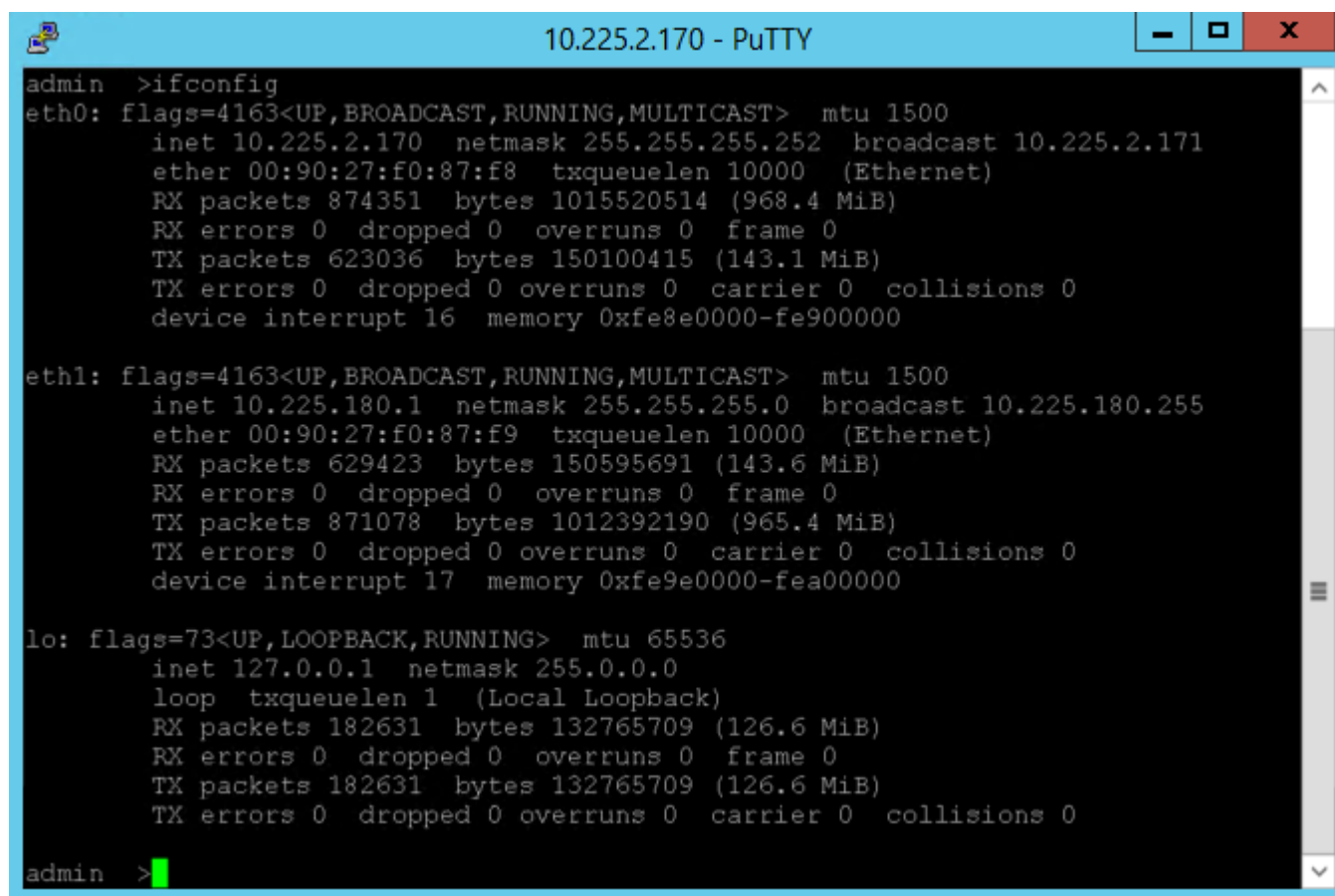
-----IP LAC Statistics-----

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
10.225.2.168	255.255.255.252	0.0.0.0	1	LOCAL	ACTIVE
10.225.180.0	255.255.255.0	10.225.2.170	1	STATIC	ACTIVE
172.18.192.200	255.255.255.255	0.0.0.0	3	LOCAL	ACTIVE

### 3 – Configurações dos Equipamentos



```
10.225.2.170 - PuTTY
admin >ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST>  mtu 1500
    inet 10.225.2.170  netmask 255.255.255.252  broadcast 10.225.2.171
    ether 00:90:27:f0:87:f8  txqueuelen 10000  (Ethernet)
    RX packets 874351  bytes 1015520514 (968.4 MiB)
    RX errors 0  dropped 0  overruns 0  frame 0
    TX packets 623036  bytes 150100415 (143.1 MiB)
    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 10.225.180.1  netmask 255.255.255.0  broadcast 10.225.180.255
    ether 00:90:27:f0:87:f9  txqueuelen 10000  (Ethernet)
    RX packets 629423  bytes 150595691 (143.6 MiB)
    RX errors 0  dropped 0  overruns 0  frame 0
    TX packets 871078  bytes 1012392190 (965.4 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 182631  bytes 132765709 (126.6 MiB)
    RX errors 0  dropped 0  overruns 0  frame 0
    TX packets 182631  bytes 132765709 (126.6 MiB)
    TX errors 0  dropped 0  overruns 0  carrier 0  collisions 0

admin >
```

 20%



19:53

seg, 22 de out  ter, 06:45



Piaui\_Conectad ▼

Bluetooth ▼

Vivo ▼



Não perturbe



Vivo



VIVO – Claro BR



Modo avião



Retrato



Lanterna



Localização



Transmitir



Roteador Wi-Fi

4 – Teste de Velocidade

Download

