



## TERMO DE ACEITE TÉCNICO

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

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**Orgão:** ATI -  
Agência de  
Tecnologia da  
Informação

**Data Instalação** 21/11/2018

**Data Ativação** 19/11/2018

**Unidade:** Ponto 1 (São Gonçalo do  
Gurgueia)

**Município:** São Gonçalo do  
Gurgueia- PI

**Coordenadas:** 5°8'25.00"S 42°47'10.00"W

**Operadora:**  
Global Eagle

**VSAT-ID** ATI-OU-0207-  
OUT

**Porta kbps** 1024/256

**Tipo** Outdoor

1 – Local da Instalação



## 2 – Configurações do Modem

# device show

dvb tx show

System Information:

Name : ATI-OU-0207-OUT  
Location : - PI  
Contact :  
System Up time : 0 days, 02:43:28  
CPU Load : 55%  
System time(UTC) : 21 November 2018 16:28:13  
Broadcast Message : not set

HW:

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

MAC addresses:

LAN : 00:20:0e:10:9c:9d  
Satellite (DVB) : 00:20:0e:10:9c:9d

#

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 : 13.5 dB  
Header Compression : Disabled  
Timing correction : -179 us (251497 us)  
Frequency correction: 420 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 : 11.628164 GHz  
Symbol Rate : 24.999652 Msps  
S2 ModCod  
- receiving : 1 QPSK-1/4  
- 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 : 16.3 dB  
Input Power : -28 dBm  
# arp show

NetAddr	State	MacAddr	If
10.225.3.70	Dynamic	00:90:27:f0:8a:a4	1

# ip show

Interfaces

If	IPAddress	SubnetMask	BroadCastAddr	MTU	Alias	AdminStatus
1	10.225.3.69	255.255.255.252	10.225.3.71	1500	eth0	1
3	172.18.193.21	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 347756 679 1886 180816482 425726 109 1 398555220  
3 392043 0 243 399210708 277845 0 728 172285637  
4 0 0 0 0 0 0 0 0  
IP Receive Deliver Errors InDiscards Forward Request NoRoute OutDiscards  
740281 4018 0 0 707404 3750 207 2046

## Interface Directed Routing Table

In If Out If

-----IP LAC Statistics-----  
RPF Src eq dest RPF HitCount SrceqdestHitCount 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
10.225.3.68	255.255.255.252	0.0.0.0	1	LOCAL	ACTIVE
10.225.219.0	255.255.255.0	10.225.3.70	1	STATIC	ACTIVE

172.18.193.21	255.255.255.255	0.0.0.0	3	LOCAL	ACTIVE
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#



-----  
Rx State : On  
DVB State : Forward link up  
Network : 1326, ATI-PI  
Frequency : 11.628045 GHz  
Symbol Rate : 24.999964 Msps  
S2 ModCod  
- receiving : 1 QPSK-1/4  
- 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 : 16.4 dB  
Input Power : -30 dBm  
# arp show

NetAddr	State	MacAddr	If
10.225.3.22	Dynamic	00:90:27:f0:8b:60	1

# ip show

Interfaces

If	IPAddress	SubnetMask	BroadCastAddr	MTU	Alias	AdminStatus
1	10.225.3.21	255.255.255.252	10.225.3.23	1500	eth0	1
3	172.18.193.4	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	243390	1650	1974	103443736	370471	415	0	400677264
3	344435	0	17	404943545	134499	0	1185	92239051
4	0	0	0	0	0	0	0	0

IP Receive Deliver Errors InDiscards Forward Request NoRoute OutDiscards

588767	3680	0	0	506282	3306	419	445
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Interface Directed Routing Table

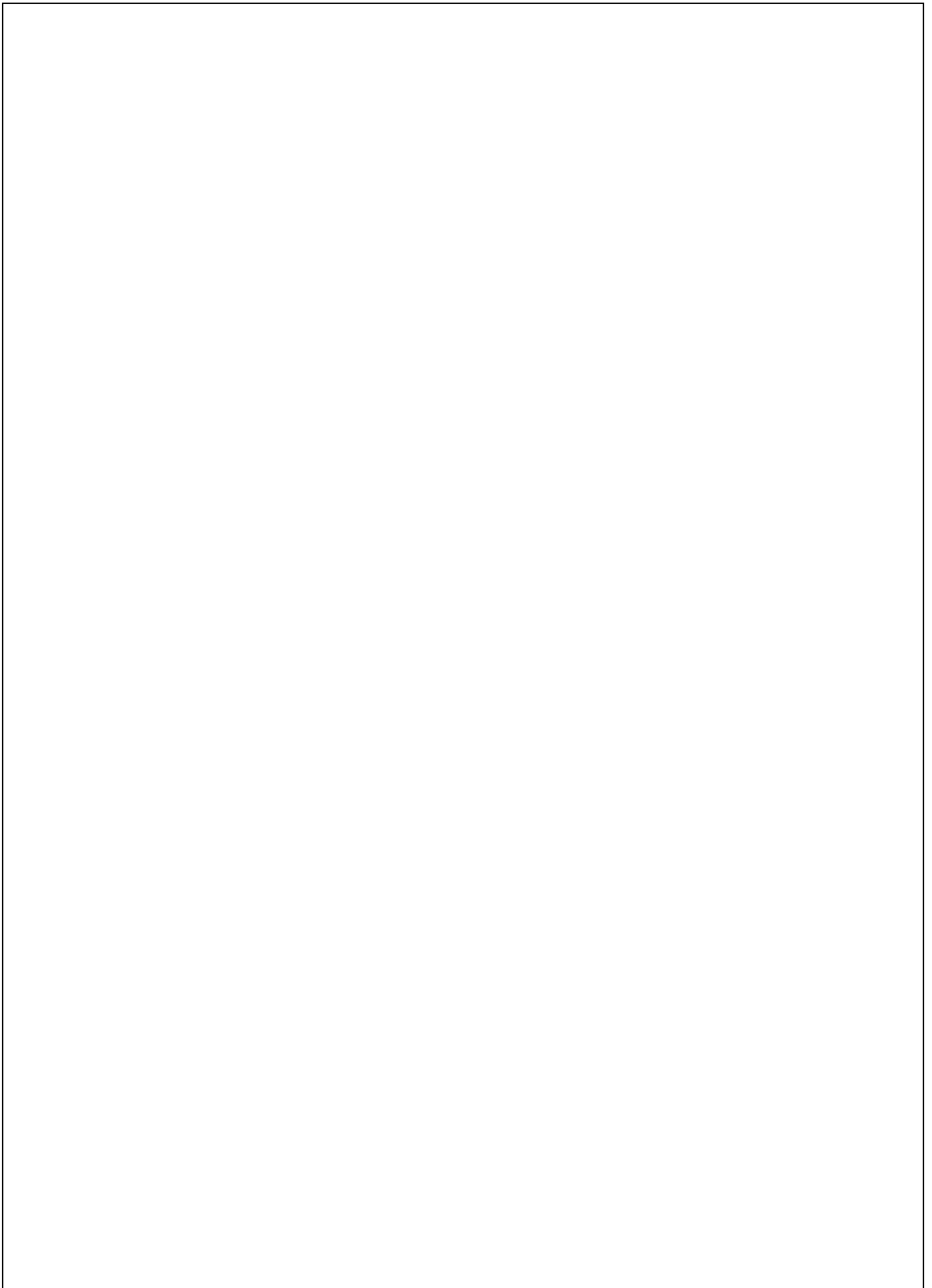
In If Out If

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

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

Routing Table

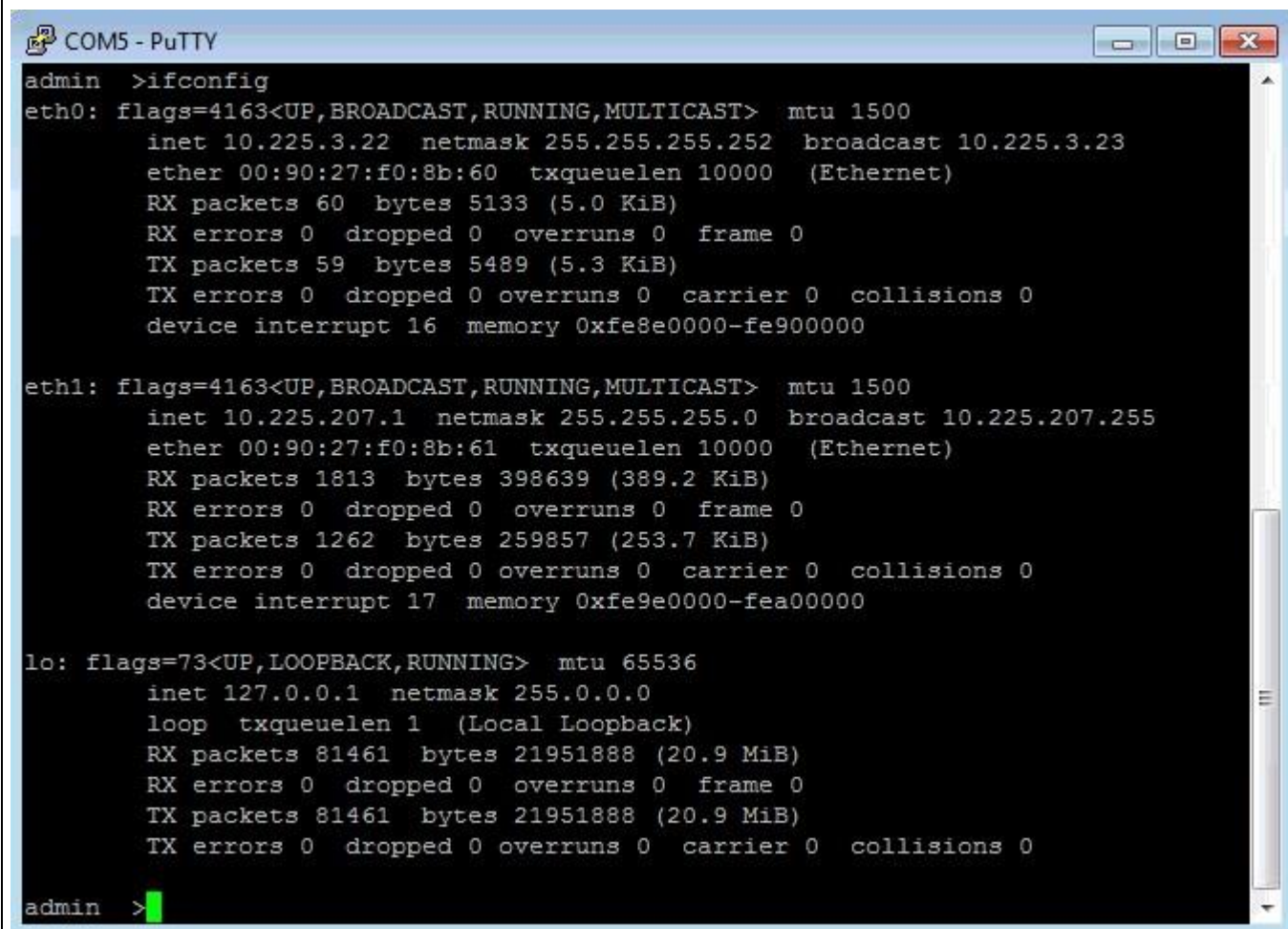
DestMask	RouteMask	NextHop	If	RtType	Row-Status
0.0.0.0	0.0.0.0	0.0.0.0	3	STATIC	ACTIVE
10.225.3.20	255.255.255.252	0.0.0.0	1	LOCAL	ACTIVE
10.225.207.0	255.255.255.0	10.225.3.22	1	STATIC	ACTIVE
172.18.193.4	255.255.255.255	0.0.0.0	3	LOCAL	ACTIVE







### 3 – Configurações dos Equipamentos



```
admin > ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 10.225.3.22 netmask 255.255.255.252 broadcast 10.225.3.23
    ether 00:90:27:f0:8b:60 txqueuelen 10000 (Ethernet)
    RX packets 60 bytes 5133 (5.0 KiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 59 bytes 5489 (5.3 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 10.225.207.1 netmask 255.255.255.0 broadcast 10.225.207.255
    ether 00:90:27:f0:8b:61 txqueuelen 10000 (Ethernet)
    RX packets 1813 bytes 398639 (389.2 KiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 1262 bytes 259857 (253.7 KiB)
    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 81461 bytes 21951888 (20.9 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 81461 bytes 21951888 (20.9 MiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

admin >
```

20:15



Qui, 15 de nov de 2018 06:02



Assistente de  
Áudio



Otimização do  
sistema



Calculadora



PowerMaster



Gerenciador de  
inicialização



Lanterna



Dados móveis



Piaui\_Conectad  
o



Som



Localização



Roteador Wi-Fi



Filtro de luz azul



Sem serviço / Sem serviço



## Atualização de software da ASUS

2018/nov/15/qui

- 1.Optimize wide-angle camera exposure effect
- 2.Fix Pokemon Go plus BT connection issue

4 – Teste de Velocidade-Download/Upload

