



## TERMO DE ACEITE TÉCNICO

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

**NOC/Operadora:** Guilherme Cunha

**Técnico Instalador:** joao carlos widar

**Contato:** 11 96450-8179

**Email:** joao.widar.carlos@gmail.com

**ATI:** Wesley Souza

**Responsável/cliente:** ROGERIO FONSECA DA SILVA

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

**Data Instalação**  
22/11/2018

**Data Ativação**  
22/11/2018

**Unidade:** Ponto 3 (Bom Jesus)

**Município:** Bom Jesus

**Coordenadas:** 09°04'36.01"S 44°21'47.05"W

**Operadora**  
Global Eagle

**VSAT-ID**  
ATI-OU-0212-OUT

**Porta kbps**  
1024/256

**Tipo**  
Outdoor

## 1 – Local da Instalação



## 2 – Configurações do Modem

# device show

System Information:

Name : ATI-OU-0212-OUT  
Location : Bom Jesus- PI  
Contact :  
System Up time : 0 days, 02:47:03  
CPU Load : 8%  
System time(UTC) : 22 November 2018 07:21:24  
Broadcast Message : not set

HW:

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

MAC addresses:

LAN : 00:20:0e:10:93:d0  
Satellite (DVB) : 00:20:0e:10:93:d0

# dvb tx show

## Satellite (DVB) TX Configuration

-----  
Auto start : Enabled  
BUPC status : Disabled  
IDU Output Power : -22 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 : -21.9 dBm  
Es/No : 12.0 dB  
Header Compression : Disabled  
Timing correction : -9 us (251030 us)  
Frequency correction: -10 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[Msp/s]	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 : 11.628054 GHz  
Symbol Rate : 25.000140 Msp/s  
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 : 17.3 dB  
Input Power : -30 dBm  
# arp show

NetAddr	State	MacAddr	If
10.225.3.90	Dynamic	00:90:27:f0:85:f8	1

# ip show

## Interfaces

If	IPAddress	SubnetMask	BroadCastAddr	MTU	Alias	AdminStatus
1	10.225.3.89	255.255.255.252	10.225.3.91	1500	eth0	1

```

3 172.18.193.26 255.255.255.255 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 329008 153 1436 69621725 330844 102 1 393172253
3 332326 0 329 394711244 305580 0 1785 61098481
4 0 0 0 0 0 0 0 0
IP Receive Deliver Errors InDiscards Forward Request NoRoute OutDiscards
661176 10218 0 0 640271 10157 1 1838

```

#### 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
10.225.3.88 255.255.255.252 0.0.0.0 1 LOCAL ACTIVE
10.225.224.0 255.255.255.0 10.225.3.90 1 STATIC ACTIVE
172.18.193.26 255.255.255.255 0.0.0.0 3 LOCAL ACTIVE

```

### 3 – Configurações dos Equipamentos

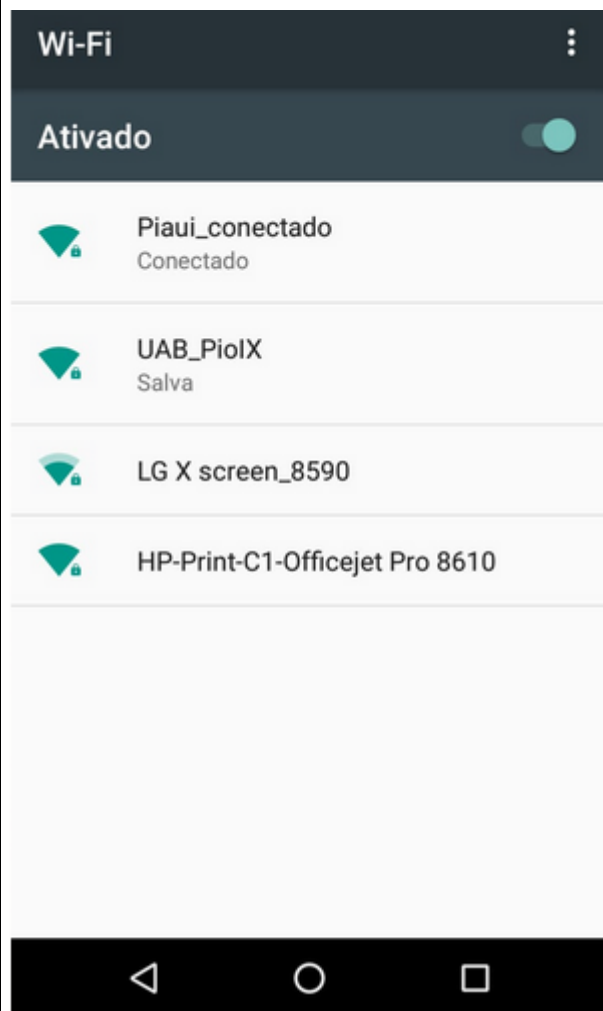


```
admin >ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 10.225.3.90 netmask 255.255.255.252 broadcast 10.225.3.91
    ether 00:90:27:f0:85:f8 txqueuelen 10000 (Ethernet)
    RX packets 87515 bytes 57748329 (55.0 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 86057 bytes 53564967 (51.0 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 10.225.224.1 netmask 255.255.255.0 broadcast 10.225.224.255
    ether 00:90:27:f0:85:f9 txqueuelen 10000 (Ethernet)
    RX packets 80894 bytes 53204067 (50.7 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 82271 bytes 57378534 (54.7 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 47903 bytes 34486163 (32.8 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 47903 bytes 34486163 (32.8 MiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

admin >
```



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

