



TERMO DE ACEITE TÉCNICO

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

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Data Instalação
20/11/2018

Data Ativação 20/11/2018

Unidade: Posto de Saúde
Germano Barros de Souza

Município: São Gonçalo do Gurguéia

Coordenadas: : 10°1'45.00"S 45°18'11.00"W

Operadora
Global Eagle

VSAT-ID ATI-PB-0208-IND

Porta kbps
4M/256k

Tipo Indoor

Piauí, 20 de Novembro de 2018

1 – Local da Instalação



2 – Configurações do Modem

device show System Information:

Name : ATI-PB-0208-OUT Location : PI Contact :
System Up time : 0 days, 00:35:55
CPU Load : 51%
System time(UTC) : 20 November 2018 23:15:18
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:f7
Satellite (DVB) : 00:20:0e:10:93:f7

dvb tx show

Satellite (DVB) TX Configuration

----- Auto start : Enabled
BUPC status : Disabled
IDU Output Power : -18 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 : -17.8 dBm
Es/No : 13.5 dB
Header Compression : Disabled
Timing correction : 84 us (251506 us)
Frequency correction: 290 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 : 11.628064 GHz

Symbol Rate : 24.999892 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 : 16.8 dB

Input Power : -34 dBm

odu show

Antenna

Type ASC/Andrew/Channel Master Type 123 - 1.2m

Antenna controller None

Tx Gain 43.3dB

Transmitter (BUC)

Type JRC NJT5037 (14.0-14.5 GHz)

Local oscillator 13.050000 GHz

DC supply 24V On

Reference 10Mhz On

Receiver (LNB)

Type SatLink 403x (10.70-12.75 GHz)
Local oscillator - LO1 9.750000 GHz
Local oscillator - LO2 10.600000 GHz
Oscillator switching frequency 1-2 11.700000 GHz
LO Switching mode 22KHz
13/18V DC supply 13V

ip show

Interfaces

If	IPAddress	SubnetMask	BroadCastAddr	MTU	Alias	AdminStatus
1	10.225.3.73	255.255.255.252	10.225.3.75	1500	eth0	1
3	172.18.193.22	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	49217	366	171	26830832	67093	30	0	64610853
3	62700	0	9	64871992	35097	0	0	25639246
4	0	0	0	0	0	0	0	0

IP	Receive	Deliver	Errors	InDiscards	Forward	Request	NoRoute	OutDiscards	112228	1270	0
0	102450	1092	147	188							

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
10.225.3.72	255.255.255.252	0.0.0.0	1	LOCAL	ACTIVE
10.225.220.0	255.255.255.0	10.225.3.74	1	STATIC	ACTIVE
172.18.193.22	255.255.255.255	0.0.0.0	3	LOCAL	ACTIVE #

3 – Configurações dos Equipamento

```
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 10.225.3.74 netmask 255.255.255.252 broadcast 10.225.3.75
    ether 00:90:27:f0:8b:58 txqueuelen 10000 (Ethernet)
    RX packets 148 bytes 30270 (29.5 KiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 366 bytes 41787 (40.8 KiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
    device interrupt 16 memory 0xfe8e0000-fe900000

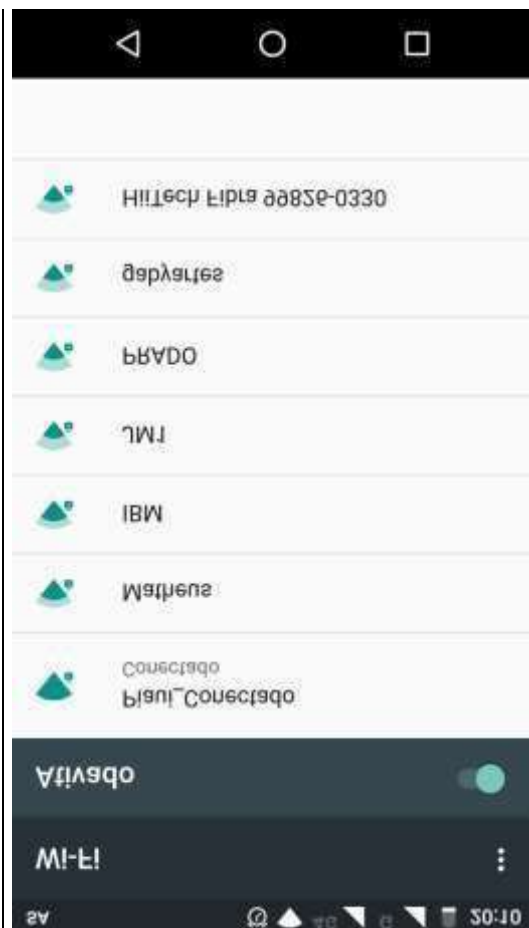
eth1: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 10.225.220.1 netmask 255.255.255.0 broadcast 10.225.220.255
    ether 00:90:27:f0:8b:59 txqueuelen 10000 (Ethernet)
    RX packets 949 bytes 169541 (165.5 KiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 635 bytes 156318 (152.6 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 17017 bytes 3943793 (3.7 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 17017 bytes 3943793 (3.7 MiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
```

Configurações de Rede

Configurações Interfaces Roteamento Estático Roteamento Dinâmico Configurações IPv6 Controle de Banda H.A.

Status	Interface	Endereço	Gateway	Tipo	Zona	Ação
	eth0	10.225.3.74/30	-	Física	WAN	
	eth1	10.225.220.1/24	-	Física	LAN	
	eth2	-	-	Física	-	
	eth3	-	-	Física	-	



4 – Teste de Velocidade-Download/Upload

