



TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Wallace Teixeira

Técnico Instalador: Osvaldo Costa Oliveira
Contato: 11 97701-2709

Email: costa-osvaldo@hotmail.com

Responsável/cliente: FLAMARION ARAUJO DE OLIVEIRA

Orgão: ATI - Agência de Tecnologia da Informação

Unidade: Unidade Escolar Pio XII

Data Instalação
04/10/2018

Data Ativação 04/10/2018

Operadora Global Eagle

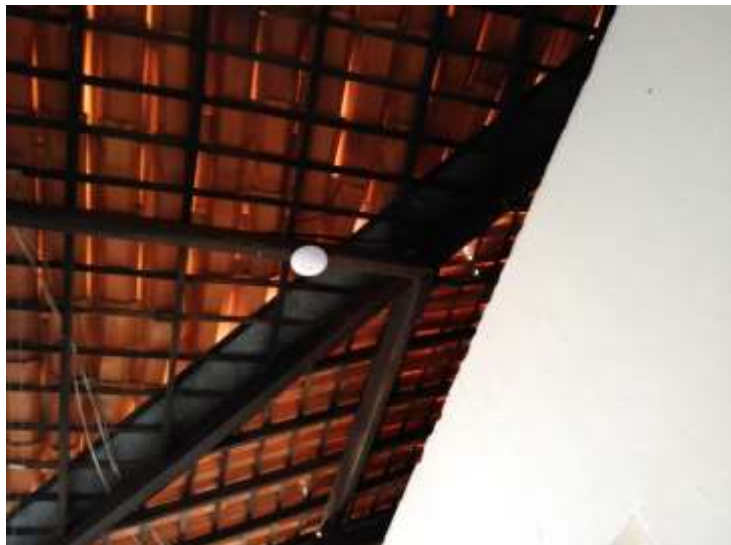
VSAT-ID ATI-ES-0085-IND

Porta kbps
4096k/512k

Tipo indoor

Piauí, 04 de Outubro de 2018

1 – Local da Instalação



device show

System Information:

Name : ATI-ES-0085-IND
Location : PI
Contact :
System Up time : 0 days, 00:51:07
CPU Load : 35%
System time(UTC) : 04 October 2018 00:05:47
Broadcast Message : not set

HW:

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

MAC addresses:

LAN : 00:20:0e:10:87:56
Satellite (DVB) : 00:20:0e:10:87:56

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 : -20.0 dBm

Es/No : 14.5 dB

Header Compression : Disabled

Timing correction : 59 us (250056 us)

Frequency correction: 280 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 : 11.628077 GHz
Symbol Rate : 25.000306 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 : 13.3 dB
Input Power : -38 dBm
odu show

Antenna

Type	ASC/Andrew/Channel Master Type 123 - 1.2m
Antenna controller	None
Tx Gain	43.3dB

Transmitter (BUC)

Type	Invacom TUL-204 (14.0-14.5 GHz)
Local oscillator	13.050000 GHz
DC supply	24V On
Reference	10Mhz On

Receiver (LNB)

Type Zinwell ZK-VJ1 (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	10.225.2.37	255.255.255.252	10.225.2.39	1500	eth0	1
3	172.18.192.88	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	12170	0	47	1398980	16812	30	0	19289158
3	16213	0	178	19462908	3263	0	0	658837
4	0	0	0	0	0	0	0	0

IP	Receive	Deliver	Errors	InDiscards	Forward	Request	NoRoute	OutDiscards
	28327	130	0	0	20388	234	0	249

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
10.225.2.36	255.255.255.252	0.0.0.0	1	LOCAL	ACTIVE
10.225.147.0	255.255.255.0	10.225.2.38	1	STATIC	ACTIVE
172.18.192.88	255.255.255.255	0.0.0.0	3	LOCAL	ACTIVE

3 – Configurações dos Equipamentos

```
Welcome to BlockBit
Type '?' or 'help' to get the list of allowed commands

admin >ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 10.225.2.38 netmask 255.255.255.252 broadcast 10.225.2.39
    ether 00:90:27:f0:8a:08 txqueuelen 10000 (Ethernet)
    RX packets 57 bytes 3648 (3.5 KiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 1355 bytes 93887 (91.6 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 10.225.147.1 netmask 255.255.255.0 broadcast 10.225.147.255
    ether 00:90:27:f0:8a:09 txqueuelen 10000 (Ethernet)
    RX packets 9807 bytes 2102970 (2.0 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 20251 bytes 23516685 (22.4 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 351198 bytes 85521562 (81.5 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 351198 bytes 85521562 (81.5 MiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

admin >
```

Configurações de Rede

Configurações						
Interfaces						
Roteamento Estático						
Roteamento Dinâmico						
Configurações IPv6						
Controle de Banda						
H.A.						
Status	Interface	Endereço	Gateway	Tipo	Zona	Ação
	eth0	10.225.2.38/30	-	Física	WAN	
	eth1	10.225.147.1/24	-	Física	LAN	
	eth2	-	-	Física	-	
	eth3	-	-	Física	-	



4 – Teste de Velocidade

Download/Uploand

