



TERMO DE ACEITE TÉCNICO

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

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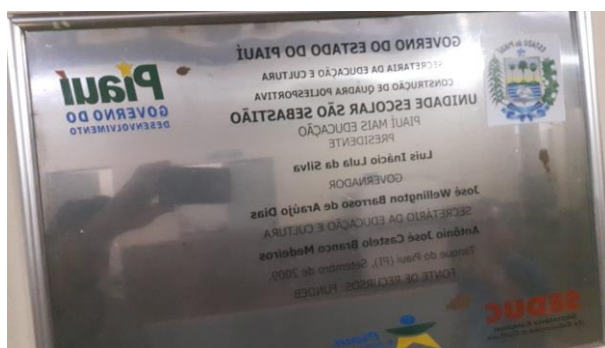
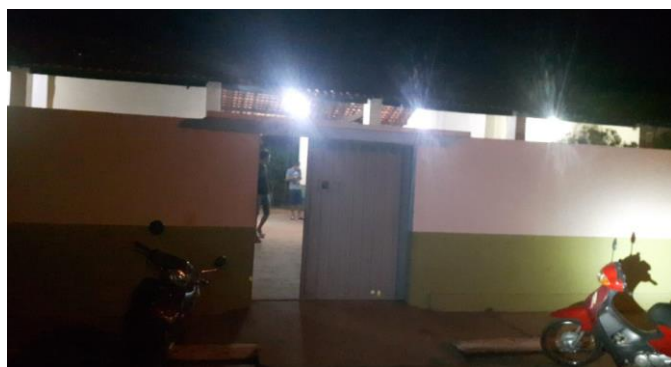
Email: marcostorre2017@gmail.com

Responsável/cliente: Fábio Medeiros Nunes

Orgão: SEDUC	Unidade: Escolar São Sebastião	Data Instalação 29/10/2018	Data Ativação 29/10/2018
Operadora Global Eagle	VSAT-ID ATI-ES-0149-IND	Porta kbps 4M/256k	Tipo Indoor

Piauí, 29 de Outubro de 2018

1 – Local da Instalação



2 – Configurações do Modem

device show

System Information:

Name : ATI-ES-0149-IND
Location : Tanque do Piauí - PI
Contact :
System Up time : 0 days, 01:57:36
CPU Load : 74%
System time(UTC) : 29 October 2018 21:52:34
Broadcast Message : not set

HW:

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

MAC addresses:

LAN : 00:20:0e:10:9b:98
Satellite (DVB) : 00:20:0e:10:9b:98

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 : -20.1 dBm
Es/No : 14.5 dB
Header Compression : Disabled
Timing correction : 35 us (250016 us)
Frequency correction: 400 Hz

dvb rx show

Satellite (DVB) RX Configuration

Auto start : Enabled
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 : 11.628096 GHz
Symbol Rate : 25.000163 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 : 17.2 dB
Input Power : -29 dBm
odu show

Antenna

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

Transmitter (BUC)

Type JRC NJT5017 (14.0-14.5 GHz)
Local oscillator 13.050000 GHz
DC supply 24V On
Reference 10Mhz On

Receiver (LNB)

Type JRC NJR2842 (10.7-12.75 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 18V

ip show

Interfaces

If	IPAddress	SubnetMask	BroadCastAddr	MTU	Alias	AdminStatus
1	10.225.2.93	255.255.255.252	10.225.2.95	1500	eth0	1
3	172.18.192.225	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	90816	387	3	33983979	133931	97	0	124762351
3	127226	0	0	124976927	60405	0	0	31106286
4	0	0	0	0	0	0	0	0

IP Receive Deliver Errors InDiscards Forward Request NoRoute OutDiscards

218173 3684 0 0 194671 3493 80 86

Interface Directed Routing Table
In If Out If

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

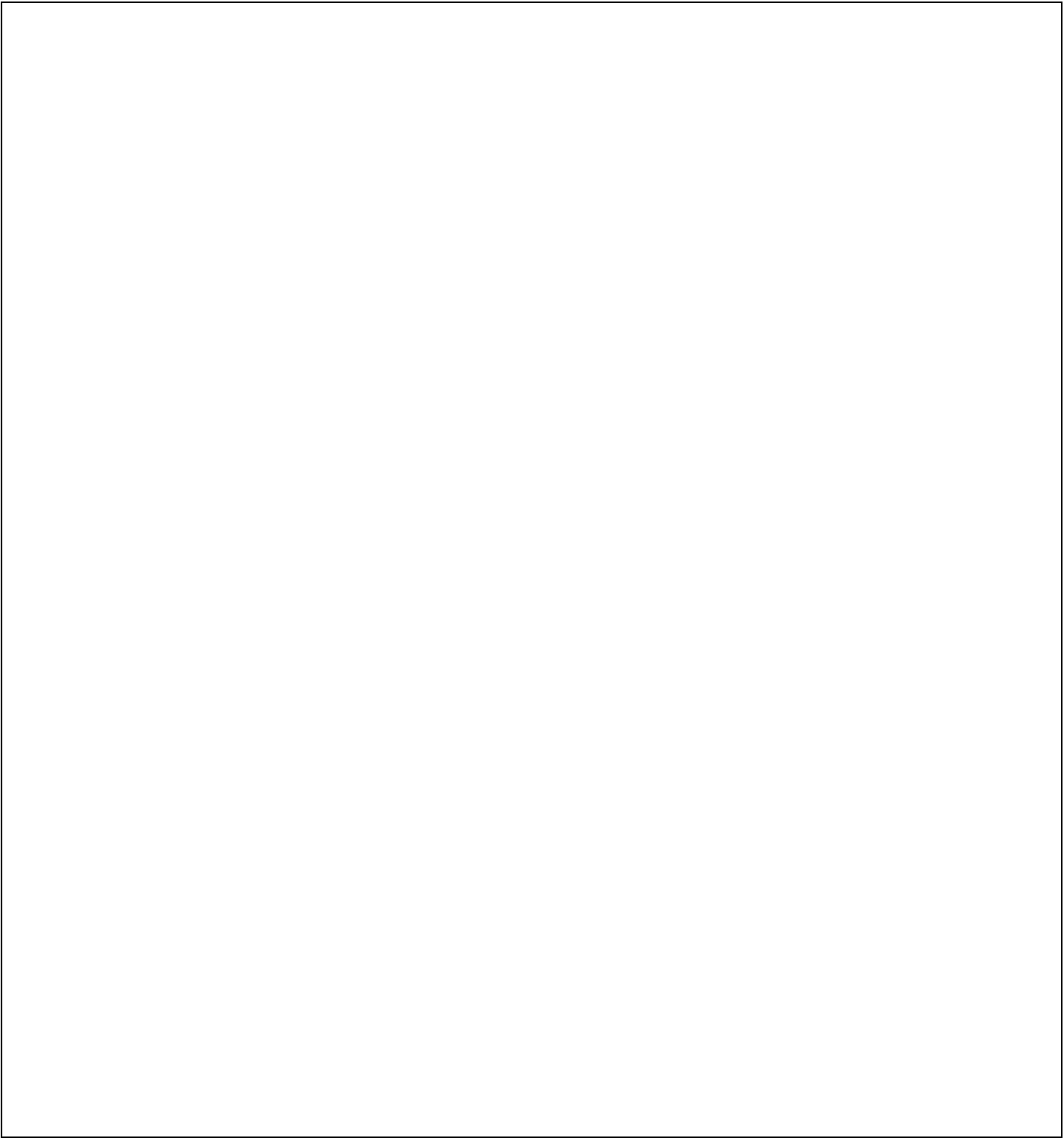
RPF	Src eq dest	RPF HitCount	Src eq dest HitCount	MfcHitCount (-1/drop classified)
Disabled	Enabled	0	0	0

Routing Table

DestMask	RouteMask	NextHop If	RtType	Row-Status
0.0.0.0	0.0.0.0	0.0.0.0 3	STATIC	ACTIVE
10.225.2.92	255.255.255.252	0.0.0.0 1	LOCAL	ACTIVE
10.225.161.0	255.255.255.0	10.225.2.94 1	STATIC	ACTIVE
172.18.192.225	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 10.225.2.94 netmask 255.255.255.252 broadcast 10.225.2.95
    ether 00:90:27:ef:71:18 txqueuelen 10000 (Ethernet)
    RX packets 27653 bytes 3232622 (3.0 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 22336 bytes 15026364 (14.3 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 10.225.161.1 netmask 255.255.255.0 broadcast 10.225.161.255
    ether 00:90:27:ef:71:19 txqueuelen 10000 (Ethernet)
    RX packets 20160 bytes 4255838 (4.0 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 22315 bytes 11064494 (10.5 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 305898 bytes 57301264 (54.6 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 305898 bytes 57301264 (54.6 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	10.225.2.94/30	-	Física	WAN	
	eth1	10.225.161.1/24	-	Física	LAN	
	eth2	-	-	Física	-	
	eth3	-	-	Física	-	

4 – Teste de Velocidade

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