



TERMO DE ACEITE TÉCNICO

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

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ATI: Wesley Souza

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Orgão: ATI

Data Instalação
22/12/2018

Data Ativação
22/12/2018

Unidade: Escola Marinho M. Carvalho.

Município: São Francisco do PI

Coordenadas: 7°14'48.00"S 42°32'38.00"W

Operadora
Global Eagle

VSAT-ID
ATI-ES-0273-IND

Porta kbps
4M/512k

Tipo
Indoor

Piauí, 22 de Dezembro de 2018

1 – Local da Instalação



2 – Configurações do Modem

device show

System Information:

Name : ATI-ES-0273-IND
Location : São Francisco do Piauí - PI
Contact :
System Up time : 0 days, 00:09:08
CPU Load : 45%
System time(UTC) : 22 December 2018 12:03:21
Broadcast Message : not set

HW:

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

MAC addresses:

LAN : 00:20:0e:10:94:22
Satellite (DVB) : 00:20:0e:10:94:22

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 : -19.9 dBm
Es/No : 13.5 dB
Header Compression : Disabled
Timing correction : -299 us (250169 us)
Frequency correction: 160 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[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 : 11.628059 GHz
Symbol Rate : 24.999939 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 : 15.4 dB
Input Power : -36 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	10.225.4.77	255.255.255.252	10.225.4.79	1500	eth0	1
3	172.18.137.236	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	33687	415	606	16513129	52400	15	0	60755023
3	47303	0	1	60520771	18840	0	0	15074239
4	0	0	0	0	0	0	0	0

IP	Receive	Deliver	Errors	InDiscards	Forward	Request	NoRoute	OutDiscards
	81384	1203	0	0	71356	928	108	177

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
10.225.4.76	255.255.255.252	0.0.0.0	1	LOCAL	ACTIVE
10.226.29.0	255.255.255.0	10.225.4.78	1	STATIC	ACTIVE
172.18.137.236	255.255.255.255	0.0.0.0	3	LOCAL	ACTIVE

#

3 – Configurações dos Equipamentos

Configurações de Rede

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

Status	Interface	Endereço	Gateway	Tipo	Zona	Ação
	eth0	10.225.4.78/30	-	Física	WAN	
	eth1	10.226.29.1/24	-	Física	LAN	
	eth2	-	-	Física	-	
	eth3	-	-	Física	-	

```
admin >ifconfg
*** forbidden command: ifconfg
admin >ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 10.225.4.78 netmask 255.255.255.252 broadcast 10.225.4.79
    ether 00:90:27:ef:6f:40 txqueuelen 10000 (Ethernet)
    RX packets 84529 bytes 20137201 (19.2 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 108048 bytes 121621958 (115.9 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 10.226.29.1 netmask 255.255.255.0 broadcast 10.226.29.255
    ether 00:90:27:ef:6f:41 txqueuelen 10000 (Ethernet)
    RX packets 103000 bytes 103302979 (98.5 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 76369 bytes 26860485 (25.6 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 654148 bytes 263090575 (250.9 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 654148 bytes 263090575 (250.9 MiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

admin >
```

09:32



Sáb, 22 de dez de 2018 06:30



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



CLARO BR – TIM / Claro BR

4 – Teste de Velocidade -Download/Upload

