



TERMO DE ACEITE TÉCNICO

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

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Orgão: SEDUC

Data Instalação
01/11/2018

Data Ativação
01/11/2018

Unidade: SEDUC - Acauã

Município: Acauã- PI

Coordenadas: 8°13'10.00"S 41°4'42.00"W

Operadora
Global Eagle

VSAT-ID
ATI-ES-0146-IND

Porta kbps
1024/256

Tipo
Indoor

Piauí, 01 de Novembro de 2018

1 – Local da Instalação



2 – Configurações do Modem

device show

System Information:

Name : ATI-ES-0146-IND
Location : Acau PI
Contact :
System Up time : 0 days, 02:51:36
CPU Load : 99%
System time(UTC) : 01 November 2018 17:20:47
Broadcast Message : not set

HW:

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

MAC addresses:

LAN : 00:20:0e:10:85:d6
Satellite (DVB) : 00:20:0e:10:85:d6

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 : -18.2 dBm
Es/No : 12.0 dB
Header Compression : Disabled
Timing correction : -164 us (249766 us)
Frequency correction: 430 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 : 11.628120 GHz
Symbol Rate : 24.999750 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 : 16.1 dB
Input Power : -32 dBm

arp show

NetAddr	State	MacAddr	If
10.225.2.82	Dynamic	00:90:27:f0:8b:b4	1

ip show

Interfaces

If	IPAddress	SubnetMask	BroadCastAddr	MTU	Alias	AdminStatus
1	10.225.2.81	255.255.255.252	10.225.2.83	1500	eth0	1
3	172.18.192.138	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	199931	15	392	108595278	294592	101	0	334181352
3	278051	0	287	335138515	100968	0	269	100949501
4	0	0	0	0	0	0	0	0

IP	Receive	Deliver	Errors	InDiscards	Forward	Request	NoRoute	OutDiscards
	477667	1271	0	0	396623	1746	0	692

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
10.225.2.80	255.255.255.252	0.0.0.0	1	LOCAL	ACTIVE
10.225.158.0	255.255.255.0	10.225.2.82	1	STATIC	ACTIVE
172.18.192.138	255.255.255.255	0.0.0.0	3	LOCAL	ACTIVE

#

3 – Configurações dos Equipamentos

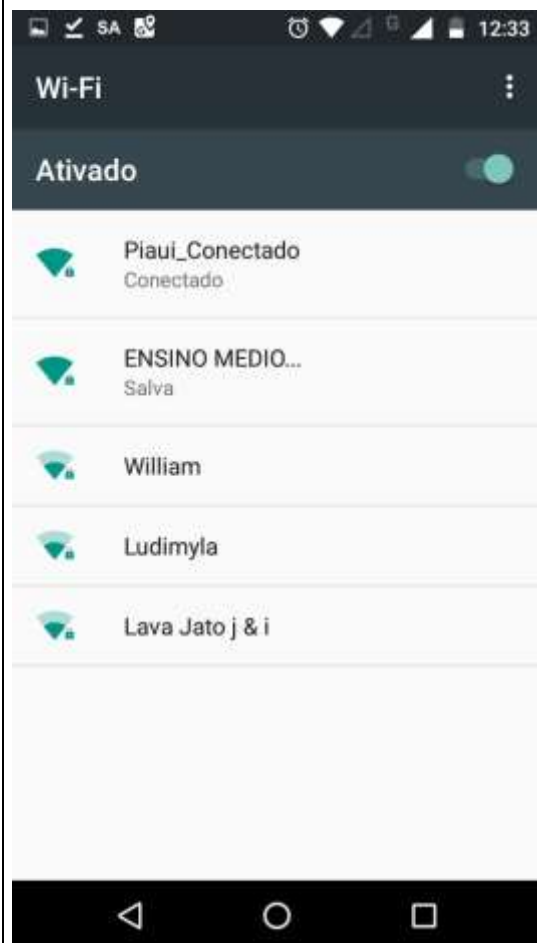
Configurações de Rede

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

Status	Interface	Endereço	Gateway	Tipo	Zona	Ação
	 eth0	10.225.2.82/30	-	Física	WAN	 
	 eth1	10.225.158.1/24	10.225.158.1	Física	LAN	 
	 eth2	-	-	Física	-	 
	 eth3	-	-	Física	-	 

```
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 10.225.2.82 netmask 255.255.255.252 broadcast 10.225.2.83
    ether 00:90:27:f0:8b:b4 txqueuelen 1000 (Ethernet)
    RX packets 2307 bytes 1012301 (988.5 KiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 2385 bytes 757982 (740.2 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 10.225.158.1 netmask 255.255.255.0 broadcast 10.225.158.255
    ether 00:90:27:f0:8b:b5 txqueuelen 1000 (Ethernet)
    RX packets 2964 bytes 813121 (794.0 KiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 2222 bytes 965646 (943.0 KiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
    device interrupt 17 memory 0xfe9e0000-fea00000
```



4 – Teste de Velocidade -Download/Upload

