



TERMO DE ACEITE TÉCNICO

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

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Orgão: SEDUC	Unidade: SEDUC - Comunidade Nova Santa Rosa	Data Instalação 10/10/2018	Data Ativação 10/10/2018
Operadora Global Eagle	VSAT-ID ATI-ES-0019-IND	Porta kbps 4096/512	Tipo indoor

Piauí, 10 de Outubro de 2018

1 – Local da Instalação



2 – Configurações do Modem

device show

System Information:

Name : ATI-ES-0019-IND
 Location : Comunidade Nova Santa Rosa - PI
 Contact :
 System Up time : 0 days, 01:23:17
 CPU Load : 23%
 System time(UTC) : 10 October 2018 21:21:11
 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:96
 Satellite (DVB) : 00:20:0e:10:9b:96

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 : 15.5 dB
 Header Compression : Disabled
 Timing correction : 15 us (251015 us)
 Frequency correction: 360 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 : 11.628065 GHz
 Symbol Rate : 24.999921 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 : 14.5 dB
 Input Power : -36 dBm

arp show

NetAddr	State	MacAddr	If
10.225.0.230	Dynamic	00:90:27:f0:89:a4	1

ip show

Interfaces

If	IPAddress	SubnetMask	BroadCastAddr	MTU	Alias	AdminStatus
1	10.225.0.229	255.255.255.252	10.225.0.231	1500	eth0	1
3	172.18.192.153	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	9461	6	0	2259229	12991	45	0	12441394
3	12995	0	0	13365376	6194	0	0	1959617
4	0	0	0	0	0	0	0	0

IP	Receive	Deliver	Errors	InDiscards	Forward	Request	NoRoute	OutDiscards
	22294	242	0	0	19130	347	0	0

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
10.225.0.228	255.255.255.252	0.0.0.0	1	LOCAL	ACTIVE
10.225.67.0	255.255.255.0	10.225.0.230	1	STATIC	ACTIVE
172.18.192.153	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.

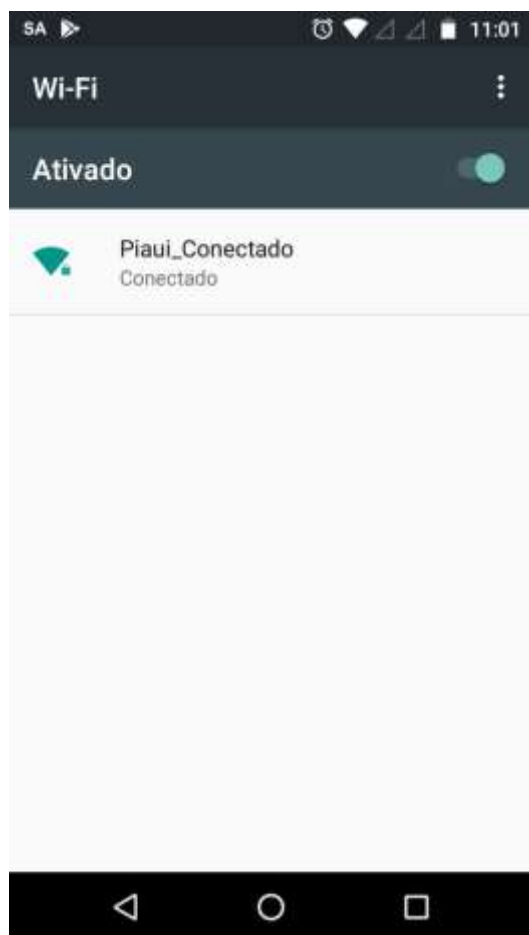
+ -

Status	Interface	Endereço	Gateway	Tipo	Zona	Ação
	eth0	10.225.0.230/30	-	Física	WAN	
	eth1	10.225.67.1/24	-	Física	LAN	
	eth2	-	-	Física	-	
	eth3	-	-	Física	-	

```
admin >ifconfig
```

```
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
      inet 10.225.0.230 netmask 255.255.255.252 broadcast 10.225.0.231
      ether 00:90:27:f0:89:a4 txqueuelen 10000 (Ethernet)
      RX packets 6304 bytes 1436575 (1.3 MiB)
      RX errors 0 dropped 0 overruns 0 frame 0
      TX packets 6858 bytes 1784260 (1.7 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 10.225.67.1 netmask 255.255.255.0 broadcast 10.225.67.255
      ether 00:90:27:f0:89:a5 txqueuelen 10000 (Ethernet)
      RX packets 9883 bytes 2223708 (2.1 MiB)
      RX errors 0 dropped 0 overruns 0 frame 0
      TX packets 11479 bytes 8090905 (7.7 MiB)
      TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
      device interrupt 17 memory 0xfe9e0000-fea00000
```



4 – Teste de Velocidade -Download/Upload

