



TERMO DE ACEITE TÉCNICO

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

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Orgão: SEDUC

Unidade: Unidade Escolar João Pitombeira

Data Instalação

09/01/2019

Data Ativação

09/01/2019

Operadora
Global Eagle

VSAT-ID
ATI-ES-0230-IND

Porta kbps
4096/512

Tipo
Indoor

Piauí, 09 de janeiro de 2019

1 – Local da Instalação



2 – Configurações do Modem

device show

System Information:

Name : ATI-ES-0230-IND
Location : Hugo Napoleão - PI
Contact :
System Up time : 0 days, 00:12:01
CPU Load : 19%
System time(UTC) : 09 January 2019 18:28:53
Broadcast Message : not set

HW:

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

MAC addresses:

LAN : 00:20:0e:10:9d:99
Satellite (DVB) : 00:20:0e:10:9d:99

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	27.466667	11.727054	DVB-S2 2	0	0.0	E		Yes	

Satellite (DVB) Receiver Status

Rx State : On
DVB State : Forward link up
Network : 65281, ATI-Piaui-Conectado
Frequency : 11.727066 GHz
Symbol Rate : 27.465810 Msp/s
S2 ModCod
- receiving : 14 8PSK-3/4
- current max : 14 8PSK-3/4
Pilot : On
Frame length : Short
DVB S2 Mode : ACM
DVB S2 Stream type : MPEG-TS
Roll off : 0.25
SNR : 15.8 dB
Input Power : -33 dBm
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 : SHC/UDP/IP

Satellite (DVB) Transmitter Status

State : On (DVB-RCS2)
IDU Output Power : -19.9 dBm
Es/No : 14.0 dB
Header Compression : SHC/UDP/IP
Timing correction : 327 us (249218 us)
Frequency correction: -70 Hz
arp show

NetAddr	State	MacAddr	If
10.225.3.162	Pending	00:00:00:00:00:00	1

ip show

Interfaces

If	IPAddress	SubnetMask	BroadCastAddr	MTU	Alias	AdminStatus
1	10.225.3.161	255.255.255.252	10.225.3.163	1500	eth0	1
3	172.26.7.70	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	1936	215	102	247785	2790	23	0	2219537
3	2173	0	0	1957620	1979	0	0	182289
4	0	0	0	0	0	0	0	0

IP Receive Deliver Errors InDiscards Forward Request NoRoute OutDiscards

4300	756	0	0	4792	864	19	19
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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
10.225.3.160	255.255.255.252	0.0.0.0	1	LOCAL	ACTIVE
10.225.242.0	255.255.255.0	10.225.3.162	1	STATIC	ACTIVE
172.26.7.70	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.

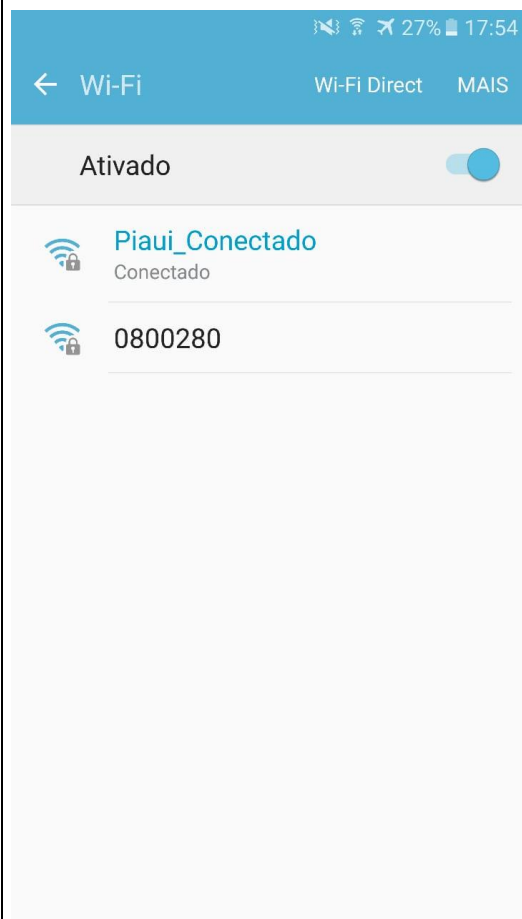


Status	Interface	Endereço	Gateway	Tipo	Zona	Ação
	eth0	10.225.3.162/30	-	Física	WAN	
	eth1	10.225.242.1/24	-	Física	LAN	
	eth2	-	-	Física	-	
	eth3	-	-	Física	-	

```
admin >ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 10.225.3.162 netmask 255.255.255.252 broadcast 10.225.3.163
    ether 00:90:27:f0:86:58 txqueuelen 10000 (Ethernet)
    RX packets 4376 bytes 2407335 (2.2 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 4554 bytes 1171091 (1.1 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 10.225.242.1 netmask 255.255.255.0 broadcast 10.225.242.255
    ether 00:90:27:f0:86:59 txqueuelen 10000 (Ethernet)
    RX packets 7452 bytes 1529955 (1.4 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 8428 bytes 7788004 (7.4 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 16969 bytes 18063367 (17.2 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 16969 bytes 18063367 (17.2 MiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
```



4 – Teste de Velocidade -Download/Upload



