



TERMO DE ACEITE TÉCNICO

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

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Responsável/cliente: JOAO BATISTA VIERA
PASSOS -DIRETOR

Operadora Global Eagle

VSAT-ID ATI-ES-
0066-IND

Porta kbps
1024/256

Tipo
Indoor

Contrato: 016/2018

1 – Local da Instalação



2 – Configurações do Modem

SatLink 2000

- Main board ID 120026, Revision R6.2
- SW ID 120208, Revision 16.0.2 Build 64 # device show

System Information:

Name : ATI-ES-0066-IND
Location : PI Contact :
System Up time : 0 days, 11:24:31
CPU Load : 7%
System time(UTC) : 31 August 2018 10:24:53
Broadcast Message : not set

HW:

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

MAC addresses:

Ethernet (LAN) : 00:20:0e:10:86:51
Satellite (DVB) : 00:20:0e:10:86:51

dvb tx show

Satellite (DVB) TX Configuration

Auto start : Enabled
IDU Output Power : -20 dBm
IDU Max Output Power: 0.0 dBm
Default CW Frequency: 1.404400 GHz
ATM mode : VC-Mux
Header Compression : None

Satellite (DVB) Transmitter Status

State : On (DVB-RCS2)
IDU Output Power : -19.8 dBm
Es/No : 16.0 dB
Header Compression : Disabled
Timing correction : -260 us (249789 us)
Frequency correction: 150 Hz
dvb rx show

Satellite (DVB) RX Configuration

Auto start : Enabled
Max Traffic MODCOD : 23 16APSK-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 : 11.628069 GHz
Symbol Rate : 25.000033 Msps
S2 ModCod
- receiving : 1 QPSK-1/4
- current max : 15 8PSK-5/6
Pilot : On
Frame length : Short
DVB S2 Mode : ACM
DVB S2 Stream type : MPEG-TS
Roll off : 0.25
SNR : 11.8 dB
Input Power : -39 dBm
arp show

NetAddr	State	MacAddr	If
10.225.0.6	Dynamic	00:90:27:f0:2f:66	1

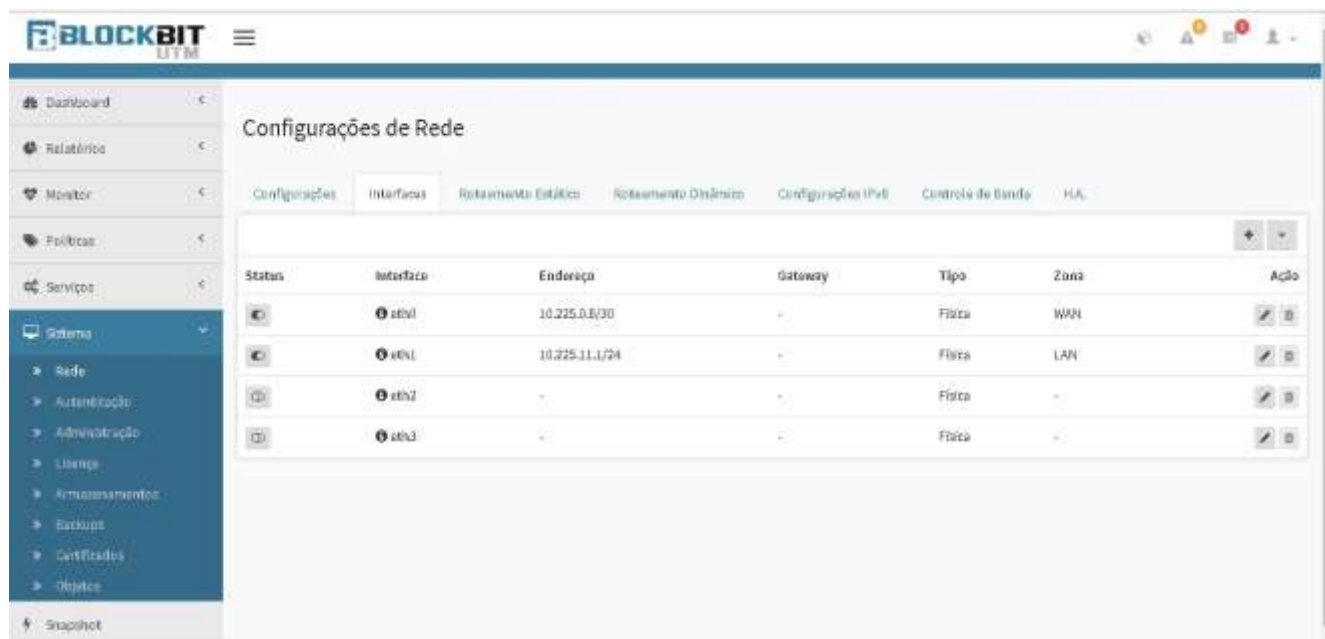
#

ip show

Interfaces

If	IPAddress	SubnetMask	BroadCastAddr	MTU	Alias	Admi	nStatus
1	10.225.0.5	255.255.255.252	10.225.0.7	1500	eth0	1	
3	172.18.193.217	255.255.255.255	N/A	1500	dvb0	1	
4	N/A	N/A	N/A	1500	air0	1	

3 – Configurações dos Equipamentos



```
admin >ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 10.225.0.6 netmask 255.255.255.252 broadcast 10.225.0.7
    ether 00:90:27:f0:30:76 txqueuelen 10000 (Ethernet)
    RX packets 622 bytes 134411 (131.2 KiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 138 bytes 12152 (11.8 KiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
    device interrupt 16 memory 0xfe8e0000-fe900000

eth1: flags=4099<UP,BROADCAST,MULTICAST> mtu 1500
    inet 10.225.11.1 netmask 255.255.255.0 broadcast 10.225.11.255
    ether 00:90:27:f0:30:77 txqueuelen 10000 (Ethernet)
    RX packets 0 bytes 0 (0.0 B)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 0 bytes 0 (0.0 B)
    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)
```



4 – Teste de Velocidade

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