



## TERMO DE ACEITE TÉCNICO

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

**NOC/Operadora:** Leonardo Martins

**Técnico Instalador:** Jean Polini

**Contato:** 11 97701-2709

**Email:** jeanpolinitelecom@gmail.com

**ATI:** Wesley Souza

**Responsável/cliente:** Maria Semeão de Jesus

**Orgão:** SEDUC **Unidade:** Unidade Escolar José Ricardo de Sousa

**Data Instalação**  
1/09/2018

**Data Ativação**  
1/09/2018

**Operadora**  
Global Eagle

**VSAT-ID**  
ATI-ES-0053-IND

**Porta kbps**  
1024/256

**Tipo**  
Indoor

Piauí, 1 de Setembro de 2018

### 1 – Local da Instalação



## 2 – Configurações do Modem

# device show

System Information:

Name : ATI-ES-0053-IND  
Location : PI  
Contact :  
System Up time : 0 days, 01:13:57  
CPU Load : 12%  
System time(UTC) : 01 September 2018 19:42:56  
Broadcast Message : not set

HW:

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

MAC addresses:

Ethernet (LAN) : 00:20:0e:10:85:b4  
Satellite (DVB) : 00:20:0e:10:85:b4

# 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: 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 : 14.5 dB  
Header Compression : Disabled  
Timing correction : -132 us (249431 us)  
Frequency correction: 420 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    : 11.628109 GHz
Symbol Rate  : 25.000115 Msps
S2 ModCod
  - receiving : 1  QPSK-1/4
  - 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          : 9.9 dB
Input Power   : -40 dBm
# arp show

NetAddr  State  MacAddr      If
10.225.1.98 Dynamic 00:90:27:f0:30:da 1
# ip show
Interfaces
If  IPAddress  SubnetMask  BroadCastAddr  MTU      Alias  AdminStatus
1  10.225.1.97 255.255.255.252  10.225.1.99 1500    eth0  1
3  172.18.193.221 255.255.255.255  N/A 1500    dvb0  1
4  N/A      N/A      N/A 1500    air0  1

DNS Client Configuration
Primary DNS Server: 200.215.179.99, Secondary DNS Server: 200.215.179.97

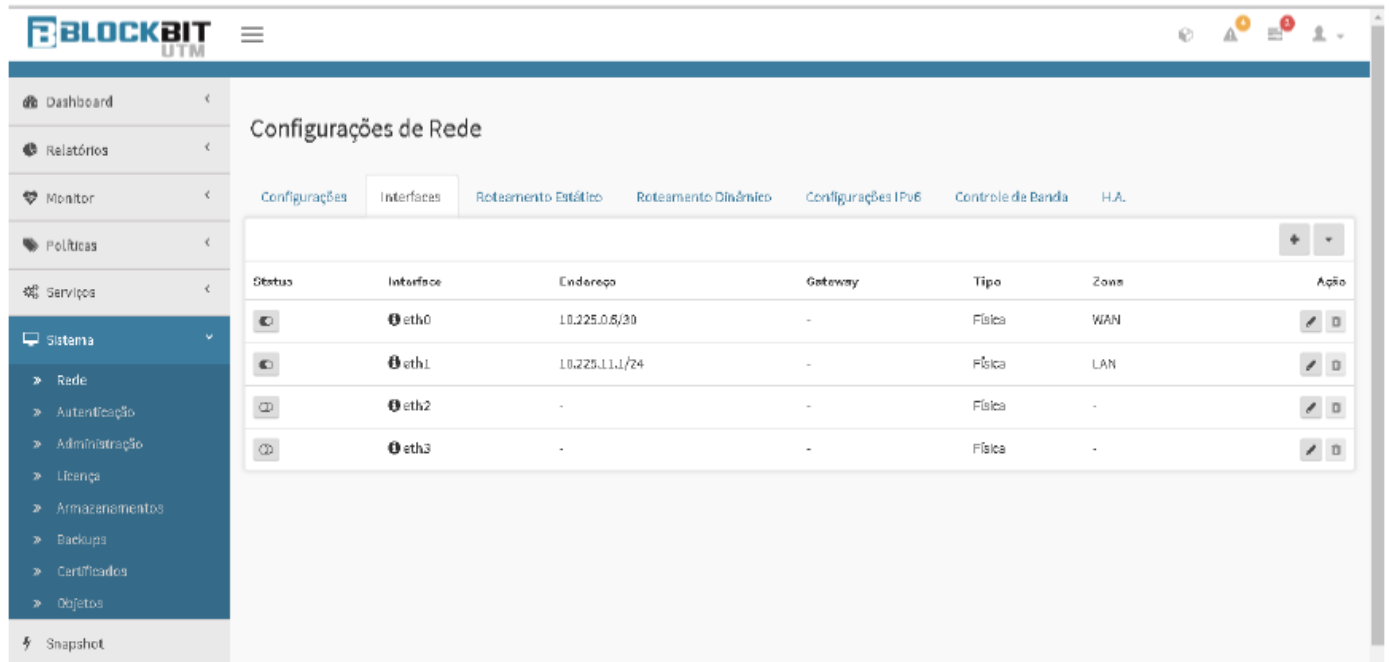
Interface Statistics
----- Input ----- Output -----
If  UCast  NUCast  Disc  Octets  UCast  NUCast  Disc  Octets
1  157079    0    59 45536073 241607    40    0 268167757
3  240541    0    0 269777112 94240     0   704 38966934
4    0      0    0    0    0    0    0    0
IP Receive Deliver Errors Discards Forward Request NoRoute Discards
397420 129    0    0 336293 196    0    97

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
0.0.0.0   0.0.0.0    0.0.0.0 3  STATIC
10.225.1.96 255.255.255.252  0.0.0.0 1  LOCAL
10.225.98.0 255.255.255.0  10.225.1.98 1  STATIC
172.18.193.221 255.255.255.255  0.0.0.0 3  LOCAL
#
```

### 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	10.225.0.8/30	-	Física	WAN	
	eth1	10.225.11.1/24	-	Física	LAN	
	eth2	-	-	Física	-	
	eth3	-	-	Física	-	

```
admin > ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 10.225.1.98 netmask 255.255.255.252 broadcast 10.225.1.99
    ether 00:90:27:f0:30:da txqueuelen 10000 (Ethernet)
    RX packets 6503 bytes 658233 (642.8 KiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 11300 bytes 18701433 (18.0 MiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
    device interrupt 16 memory 0xfe0e0000-fe0e0000

eth1: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 10.225.98.1 netmask 255.255.255.0 broadcast 10.225.98.255
    ether 00:90:27:f0:30:db txqueuelen 10000 (Ethernet)
    RX packets 11570 bytes 13733628 (13.0 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 6528 bytes 662819 (647.2 KiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
    device interrupt 17 memory 0xfe0e0000-fe0e0000

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 4642 bytes 3111751 (2.9 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 4642 bytes 3111751 (2.9 MiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
```



4 – Teste de Velocidade

Download

