

 		<h1>TERMO DE ACEITE TÉCNICO</h1>	
Solicitante: ATI - Agência de Tecnologia da Informação do Estado do Piauí			
NOC/Operadora: Wallace Teixeira		Técnico Instalador: Claudinei Costa Contato: 11 97701-2709 Email: claudnei@telecomtorre.com.br	
		Responsável/cliente: Jacó Luiz Damascena	
Orgão: SEDUC	Unidade: U.E. PROFESSOR MARIANO DA SILVA NETO	Data Instalação 19/09/2018	Data Ativação 19/09/2018
Operadora Global Eagle	VSAT-ID ATI-ES-0049-IND	Porta kbps 4096k/512k	Tipo Indoor

Piauí, 17 de Setembro de 2018

1 – Local da Instalação





device show

System Information:

Name : ATI-ES-0049-IND
Location : PI
Contact :
System Up time : 0 days, 02:17:50
CPU Load : 35%
System time(UTC) : 20 September 2018 00:44:39
Broadcast Message : not set

HW:

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

MAC addresses:

Ethernet (LAN) : 00:20:0e:10:8d:15
Satellite (DVB) : 00:20:0e:10:8d:15

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 : 11.5 dB
Header Compression : Disabled
Timing correction : 4 us (249683 us)
Frequency correction: 200 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[Msp]	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 : 11.628087 GHz
Symbol Rate : 24.999985 Msp
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 : 10.3 dB
Input Power : -38 dBm

odu show

Antenna

Type ASC/Andrew/Channel Master Type 123 - 1.2m
Antenna controller None
Tx Gain at 14.25 GHz 43.3dB

Transmitter (BUC)

Type JRC NJT5017 (14.0-14.5 GHz)
Local oscillator 13.050000 GHz
DC supply 24V On

Receiver (LNB)

Type SatLink 403x (10.70-12.75 GHz)
Local oscillator - LO1 9.750000 GHz
Local oscillator - LO2 10.600000 GHz
Oscillator switching frequency 1-2 11.700000 GHz
LO Switching mode 22kHz
13/18V DC supply 13V

ip show

Interfaces

If	IPAddress	SubnetMask	BroadCastAddr	MTU	Alias	AdminStatus
1	10.225.0.201	255.255.255.252	10.225.0.203	1500	eth0	1
3	172.18.193.243	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: 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  138415   1572   1745  44821709  248499   134    2  325282029
3  245679    0    0  329688383  54737    0    0  38185953
4    0    0    0    0    0    0    0    0

IP Receive Deliver Errors Discards Forward Request NoRoute Discards
385576  1364    0    0  302666   797  481   481
```

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
10.225.0.200	255.255.255.252	0.0.0.0	1	LOCAL
10.225.60.0	255.255.255.0	10.225.0.202	1	STATIC
172.18.193.243	255.255.255.255	0.0.0.0	3	LOCAL

3 – Configurações dos Equipamentos

Configurações de Rede

Configurações						
Configurações	Interfaces	Roteamento Estático	Roteamento Dinâmico	Configurações IPv6	Controle de Banda	H.A.
Status	Interface	Endereço	Gateway	Tipo	Zona	Ação
	eth0	10.225.0.202/30	-	Física	WAN	
	eth1	10.225.60.1/24	-	Física	LAN	
	eth2	-	-	Física	-	
	eth3	-	-	Física	-	

```
admin >ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 10.225.0.202 netmask 255.255.255.252 broadcast 10.225.0.203
    ether 00:0b:ab:f5:c6:c2 txqueuelen 10000 (Ethernet)
    RX packets 7240 bytes 1721985 (1.6 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 7475 bytes 1842533 (1.7 MiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
    device memory 0xd0900000-d091ffff

eth1: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 10.225.60.1 netmask 255.255.255.0 broadcast 10.225.60.255
    ether 00:0b:ab:f5:c6:c3 txqueuelen 10000 (Ethernet)
    RX packets 10078 bytes 2318591 (2.2 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 12738 bytes 8539397 (8.1 MiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
    device memory 0xd0800000-d081ffff

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 57013 bytes 25366550 (24.1 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 57013 bytes 25366550 (24.1 MiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
```



4 – Teste de Velocidade

Download/Uploand



