

TERMO DE ACEITE TÉCNICO

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

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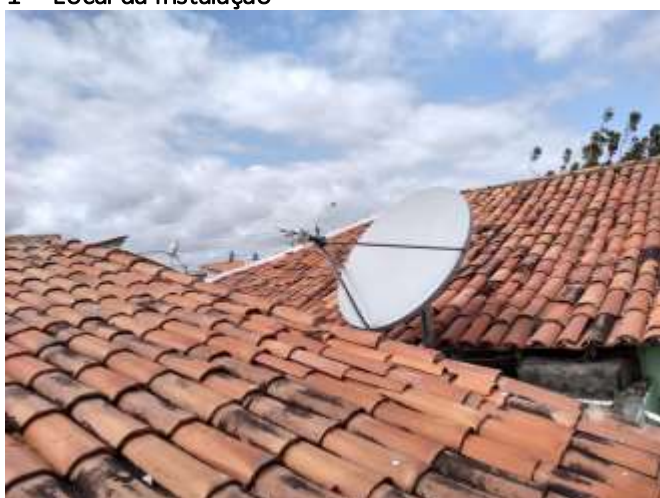
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Responsável/cliente: Francisca Helena G. Costa

Orgão: SEDUC	Unidade: Unidade Escolar Marocas Lima	Data Instalação 07/10/2018	Data Ativação 07/10/2018
Operadora Global Eagle	VSAT-ID ATI-ES-0111-IND	Porta kbps 4096/512	Tipo Indoor

Piauí, 07 de Outubro de 2018

1 – Local da Instalação



2 – Configurações do Modem

device show

System Information:

Name : ATI-ES-0111-IND
Location : Ilha Grande - PI
Contact :
System Up time : 0 days, 00:01:20
CPU Load : 17%
System time(UTC) : 07 October 2018 22:02:53
Broadcast Message : not set

HW:

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

MAC addresses:

Ethernet (LAN) : 00:20:0e:10:87:25
Satellite (DVB) : 00:20:0e:10:87:25

dvb tx show

Satellite (DVB) TX Configuration

Auto start : Enabled
IDU Output Power : -18 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 : -17.8 dBm
Es/No : 12.0 dB
Header Compression : Disabled
Timing correction : -53 us (249615 us)
Frequency correction: 380 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		: 11.628103 GHz								
Symbol Rate		: 25.000245 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		: 11.0 dB								
Input Power		: -39 dBm								
# odu show										
Antenna										

Type		BrasilSat SOB107-12 - 1.2m								
Antenna controller		None								
Tx Gain at 14.25 GHz		43.0dB								
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		10.600000GHz								
Oscillator switching frequency 1-2		11.700000 GHz								
LO Switching mode		22kHz								
13/18VDC supply		13V								
# ip show										
Interfaces										
If	IPAddress	SubnetMask	BroadCastAddr	MTU	Alias	AdminStatus				
1	10.225.2.17	255.255.255.252	10.225.2.19	1500	eth0	1				
3	172.18.192.126	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		

```
1 215 130 66 43806 278 9 0 257444
3 292 0 0 224629 208 0 0 23611
4 0 0 0 0 0 0 0 0
IP Receive Deliver Errors Discards Forward Request NoRoute Discards
627 302 0 0 261 253 3 29
```

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
10.225.2.16 255.255.255.252 0.0.0.0 1 LOCAL
10.225.142.0 255.255.255.0 10.225.2.18 1 STATIC
172.18.192.126 255.255.255.255 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.

							<div>+ ▼</div>
Status	Interface	Endereço	Gateway	Tipo	Zona	Ação	
<div><div></div></div>	<div><div></div>eth0</div>	10.225.2.18/22	-	Física	WAN	<div><div></div><div></div></div>	
<div><div></div></div>	<div><div></div>eth1</div>	10.225.142.1/24	-	Física	LAN	<div><div></div><div></div></div>	
<div><div></div></div>	<div><div></div>eth2</div>	-	-	Física	-	<div><div></div><div></div></div>	
<div><div></div></div>	<div><div></div>eth3</div>	-	-	Física	-	<div><div></div><div></div></div>	

```

admin >ifconfig
eth0: flags=4099<UP,BROADCAST,MULTICAST> mtu 1500
    inet 10.225.2.18 netmask 255.255.252.0 broadcast 10.225.3.255
    ether 00:90:27:f0:89:a0 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 16 memory 0xfe8e0000-fe900000

eth1: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 10.225.142.1 netmask 255.255.255.0 broadcast 10.225.142.255
    ether 00:90:27:f0:89:a1 txqueuelen 10000 (Ethernet)
    RX packets 2356 bytes 425886 (415.9 KiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 5059 bytes 6309072 (6.0 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 39370 bytes 26604492 (25.3 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 39370 bytes 26604492 (25.3 MiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

```



4 – Teste de Velocidade

Download/Uploand

