



TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Jefferson Marques

Técnico Instalador: Claudinei
Contato: 11 96577-9767
Email: claudinei@telecomtorre.com.br

ATI: Wesley Souza

Responsável/cliente: Francisco das Chagas

Orgão: SEDUC **Unidade:** SEDUC – Bom Princípio do Piauí

Data Instalação
08/10/2018

Data Ativação
08/10/2018

Operadora
Global Eagle

VSAT-ID
ATI-ES-0112 -IND

Porta kbps
4096/512

Tipo
Indoor

Piauí, 08 de Outubro de 2018

1 – Local da Instalação



2 – Configurações do Modem

device show

System Information:

Name : ATI-ES-0112-IND
 Location : Bom Princípio do Piauí PI
 Contact :
 System Up time : 0 days, 00:02:24
 CPU Load : 29%
 System time(UTC) : 08 October 2018 14:30:50
 Broadcast Message : not set

HW:

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

MAC addresses:

LAN : 00:20:0e:10:86:1a
 Satellite (DVB) : 00:20:0e:10:86:1a

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 : None

Satellite (DVB) Transmitter Status

 State : On (DVB-RCS2)
 IDU Output Power : -20.1 dBm
 Es/No : 15.0 dB
 Header Compression : Disabled
 Timing correction : -233 us (249566 us)
 Frequency correction: 330 Hz

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[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 : 11.628110 GHz
 Symbol Rate : 24.999486 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 : 11.7 dB

Input Power : -38 dBm

arp show

NetAddr	State	MacAddr	If
10.225.2.22	Dynamic	00:90:27:ef:6e:44	1

ip show

Interfaces

If	IPAddress	SubnetMask	BroadCastAddr	MTU	Alias	AdminStatus
1	10.225.2.21	255.255.255.252	10.225.2.23	1500	eth0	1
3	172.18.192.128	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	41	0	0	12727	34	7	0	3842	
3	145	0	2	10006	196	0	0	20636	
4	0	0	0	0	0	0	0	0	

IP	Receive	Deliver	Errors	InDiscards	Forward	Request	NoRoute	OutDiscards
	182	117	0	0	236	166	0	2

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
10.225.2.20	255.255.255.252	0.0.0.0	1	LOCAL	ACTIVE
10.225.143.0	255.255.255.0	10.225.2.22	1	STATIC	ACTIVE
172.18.192.128	255.255.255.255	0.0.0.0	3	LOCAL	ACTIVE

#

3 – Configurações dos Equipamentos

```
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 10.225.2.22 netmask 255.255.255.252 broadcast 10.225.2.23
    ether 00:90:27:ef:6e:44 txqueuelen 10000 (Ethernet)
    RX packets 3561 bytes 1107349 (1.0 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 4005 bytes 1063691 (1.0 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 10.225.143.1 netmask 255.255.255.0 broadcast 10.225.143.255
    ether 00:90:27:ef:6e:45 txqueuelen 10000 (Ethernet)
    RX packets 6542 bytes 1487797 (1.4 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 8820 bytes 7432573 (7.0 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
```

Configurações de Rede

Configurações	Interfaces	Roteamento Estático	Roteamento Dinâmico	Configurações IPv6	Controle de Banda	H.A.
<div>+</div> <div>-</div>						
Status	Interface	Endereço	Gateway	Tipo	Zona	Ação
	eth0	10.225.2.22/30	-	Física	WAN	
	eth1	10.225.143.1/24	-	Física	LAN	
	eth2	-	-	Física	-	
	eth3	-	-	Física	-	



4 – Teste de Velocidade -Download/Upload

