



TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Jefferson Marques

Técnico Instalador: Jean Polini

Contato: 11 97701-2709

Email: jeanpolinitelecom@gmail.com

ATI: Wesley Souza

Responsável/cliente: Moises Nunes Coelho

Orgão: ATI

Unidade: ATI- Paes Landim

Data Instalação

03/10/2018

Data Ativação

03/10/2018

Operadora
Global Eagle

VSAT-ID
ATI-PU-0107-OUT

Porta kbps
4096/512

Tipo
Outdoor

Piauí, 03 de Outubro de 2018

1 – Local da Instalação



2 – Configurações do Modem

device show

System Information:

Name : ATI-PU-0107-OUT
 Location : Paes landim - PI
 Contact :
 System Up time : 0 days, 00:04:39
 CPU Load : 26%
 System time(UTC) : 03 October 2018 20:07:32
 Broadcast Message : not set

HW:

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

MAC addresses:

LAN : 00:20:0e:10:89:c3
 Satellite (DVB) : 00:20:0e:10:89:c3

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 : -20.2 dBm
 Es/No : 14.5 dB
 Header Compression : Disabled
 Timing correction : -59 us (250147 us)
 Frequency correction: 320 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[Mbps]	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 : 11.628146 GHz
 Symbol Rate : 24.999901 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 : 12.1 dB
 Input Power : -35 dBm

arp show

NetAddr	State	MacAddr	If
10.225.1.118	Dynamic	00:90:27:f0:30:52	1

ip show

Interfaces

If	IPAddress	SubnetMask	BroadCastAddr	MTU	Alias	AdminStatus
1	10.225.1.117	255.255.255.252	10.225.1.119	1500	eth0	1
3	172.18.192.85	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	13335	5	0	15578693	10198	8	0	5024798	
3	12601	0	3	5186996	14004	0	1340	13717148	
4	0	0	0	0	0	0	0	0	

IP	Receive	Deliver	Errors	InDiscards	Forward	Request	NoRoute	OutDiscards
	25933	2684	0	0	25591	2774	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
10.225.1.116	255.255.255.252	0.0.0.0	1	LOCAL	ACTIVE
10.225.103.0	255.255.255.0	10.225.1.118	1	STATIC	ACTIVE
172.18.192.85	255.255.255.255	0.0.0.0	3	LOCAL	ACTIVE

#

3 – Configurações dos Equipamentos

Configurações de Rede

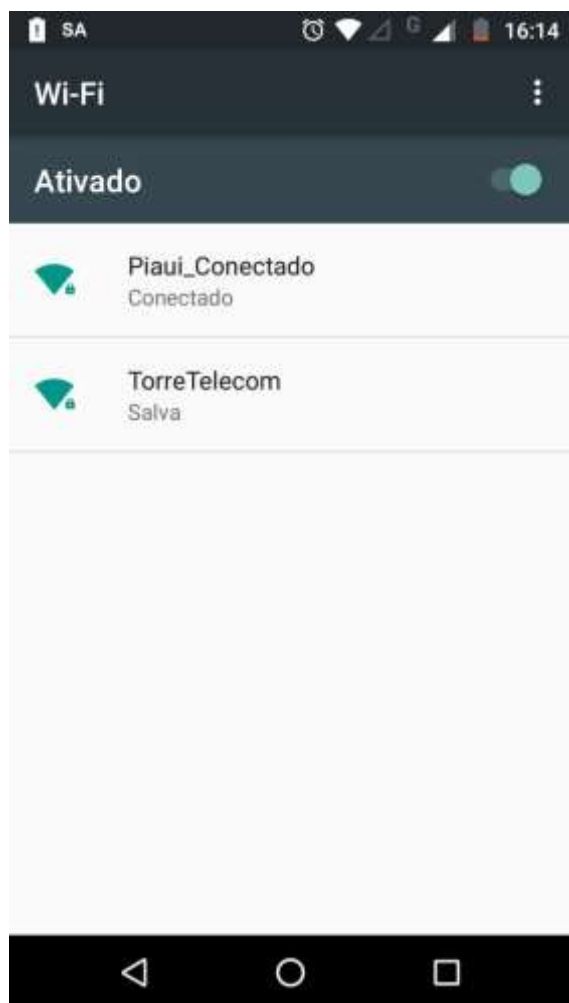
Configurações Interfaces Roteamento Estático Roteamento Dinâmico Configurações IPv6 Controle de Banda H.A.

Status	Interface	Endereço	Gateway	Tipo	Zona	Ação
	 eth0	10.225.1.118/30	-	Física	WAN	 
	 eth1	10.225.103.1/24	-	Física	LAN	 
	 eth2	-	-	Física	-	 

```
admin >ifconfig
```

```
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 10.225.1.118 netmask 255.255.255.252 broadcast 10.225.1.119
    ether 00:90:27:f0:30:52 txqueuelen 10000 (Ethernet)
    RX packets 10602 bytes 2974346 (2.8 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 10416 bytes 2342772 (2.2 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 10.225.103.1 netmask 255.255.255.0 broadcast 10.225.103.255
    ether 00:90:27:f0:30:53 txqueuelen 10000 (Ethernet)
    RX packets 14667 bytes 2947935 (2.8 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 16217 bytes 9675441 (9.2 MiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
    device interrupt 17 memory 0xfe9e0000-fea00000
```



4 – Teste de Velocidade -Download/Upload

