



TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Pedro Bernardes

Técnico Instalador: Jean Polini

Contato: 11 97701-2709

Email: jeanpolinitelecom@gmail.com

ATI: Wesley Souza

Responsável/cliente: Regina Medeiros

Orgão: ATI

Unidade: Piauí Conectado - Praça

Data Instalação

21/09/2018

Data Ativação

21/09/2018

Operadora
Global Eagle

VSAT-ID
ATI-PB-0044-OUT

Porta kbps
4096/512

Tipo
Outdoor

Piauí, 21 de setembro de 2018

1 – Local da Instalação



2 – Configurações do Modem

device show

System Information:

Name : ATI-PB-0044-OUT
Location : Várzea Grande - PI
Contact :
System Up time : 0 days, 00:05:34
CPU Load : 16%
System time(UTC) : 21 September 2018 20:17:06
Broadcast Message : not set

HW:

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

MAC addresses:

LAN : 00:20:0e:10:8b:1c
Satellite (DVB) : 00:20:0e:10:8b:1c

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 : -19.9 dBm
Es/No : 14.0 dB
Header Compression : Disabled
Timing correction : -20 us (249998 us)
Frequency correction: 260 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 : 11.628102 GHz
Symbol Rate : 24.999628 Msps
S2 ModCod

- receiving : 1 QPSK-1/4
- current max : 16 8PSK-8/9

Pilot : On
Frame length : Short
DVB S2 Mode : ACM
DVB S2 Stream type : MPEG-TS
Roll off : 0.25
SNR : 13.7 dB
Input Power : -30 dBm

arp show

NetAddr	State	MacAddr	If
10.225.1.70	Dynamic	00:0b:ab:f5:c6:fe	1

ip show

Interfaces

If	IPAddress	SubnetMask	BroadCastAddr	MTU	Alias	AdminStatus
1	10.225.1.69	255.255.255.252	10.225.1.71	1500	eth0	1
3	172.18.192.50	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	10088	0	30	10941349	7651	8	0	1516485
3	7288	0	11	1520729	9916	0	556	10107314
4	0	0	0	0	0	0	0	0

IP	Receive	Deliver	Errors	InDiscards	Forward	Request	NoRoute	OutDiscards
	17359	133	0	0	18259	226	0	45

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
10.225.1.68	255.255.255.252	0.0.0.0	1	LOCAL	ACTIVE
10.225.91.0	255.255.255.0	10.225.1.70	1	STATIC	ACTIVE
172.18.192.50	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.

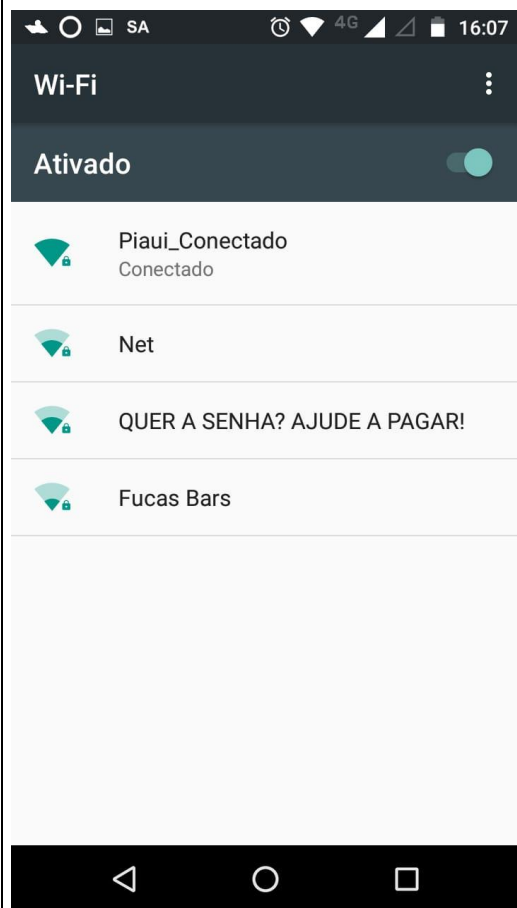
Status	Interface	Endereço	Gateway	Tipo	Zona	Ação
	 eth0	10.225.1.70/30	-	Física	WAN	 
	 eth1	10.225.91.1/24	-	Física	LAN	 
	 eth2	-	-	Física	-	 
	 eth3	-	-	Física	-	 

```
admin >ifconfig
```

```
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 10.225.1.70 netmask 255.255.255.252 broadcast 10.225.1.71
    ether 00:0b:ab:f5:c6:fe txqueuelen 10000 (Ethernet)
    RX packets 123 bytes 18290 (17.8 KiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 163 bytes 15188 (14.8 KiB)
    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 10.225.91.1 netmask 255.255.255.0 broadcast 10.225.91.255
    ether 00:0b:ab:f5:c6:ff txqueuelen 10000 (Ethernet)
    RX packets 5937 bytes 1259438 (1.2 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 12303 bytes 14736840 (14.0 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 455825 bytes 81070917 (77.3 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 455825 bytes 81070917 (77.3 MiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
```



4 – Teste de Velocidade -Download/Upload

