



TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Rogério Frias

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Orgão: ATI

Data Instalação
18/11/18

Data Ativação
18/11/18

Unidade: P. Jose G da Silva Filho

Município: Jose de Freitas

Coordenadas: 5°8'25.00"S 42°47'10.00"W

Operadora
Global Eagle

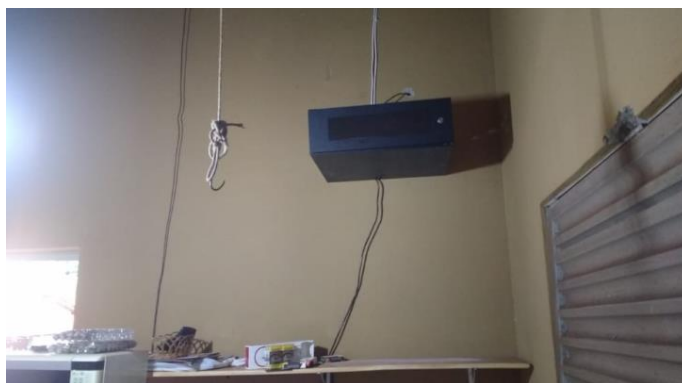
VSAT-ID
ATI-PU-0206-OUT

Porta kbps
4096/512

Tipo
Outdoor

Piauí, 18 de Novembro de 2018

1 – Local da Instalação



2 – Configurações do Modem

device show

System Information:

Name : ATI-PU-0206-OUT
Location : José de Freitas- PI
Contact :
System Up time : 0 days, 01:04:41
CPU Load : 36%
System time(UTC) : 18 November 2018 19:48:22
Broadcast Message : not set

HW:

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

MAC addresses:

LAN : 00:20:0e:10:93:f6
Satellite (DVB) : 00:20:0e:10:93:f6

dvb tx show

Satellite (DVB) TX Configuration

Auto start : Enabled
BUPC status : Disabled
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 : -18.0 dBm
Es/No : 12.5 dB
Header Compression : Disabled
Timing correction : -25 us (249958 us)
Frequency correction: 370 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 : 11.628101 GHz
Symbol Rate : 24.999852 Msps
S2 ModCod
- receiving : 1 QPSK-1/4
- current max : 21 16APSK-5/6

Pilot : On
Frame length : Short
DVB S2 Mode : ACM
DVB S2 Stream type : MPEG-TS
Roll off : 0.25
SNR : 15.1 dB
Input Power : -36 dBm

arp show

NetAddr	State	MacAddr	If
10.225.3.66	Dynamic	00:90:27:f0:86:38	1

ip show

Interfaces

If	IPAddress	SubnetMask	BroadCastAddr	MTU	Alias	AdminStatus
1	10.225.3.65	255.255.255.252	10.225.3.67	1500	eth0	1
3	172.18.193.30	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	207232	825	947	78764080	346913	111	0	438789946
3	336040	0	219	440803872	81418	0	793	68866376
4	0	0	0	0	0	0	0	0

IP Receive Deliver Errors InDiscards Forward Request NoRoute OutDiscards

544045	2286	0	0	430000	2274	199	747
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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

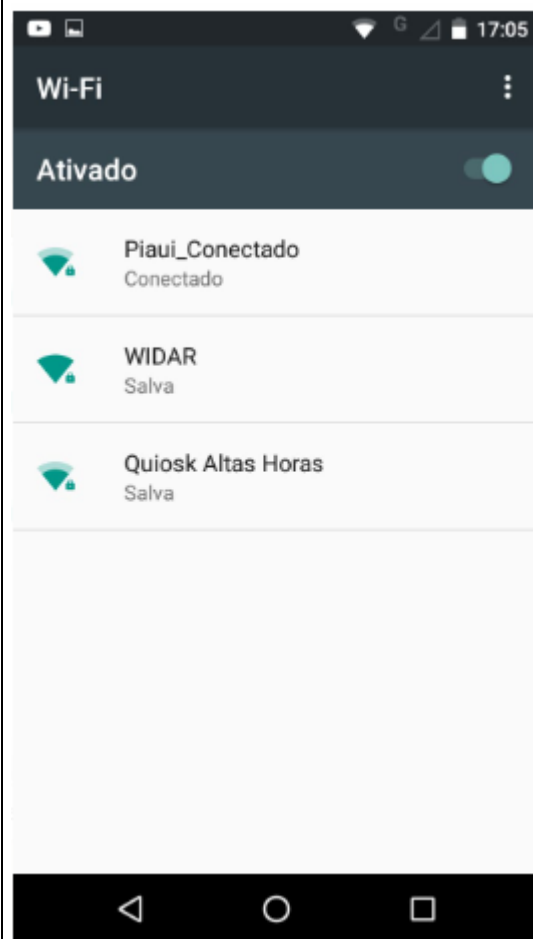
DestMask	RouteMask	NextHop	If	RtType	Row-Status
0.0.0.0	0.0.0.0	0.0.0.0	3	STATIC	ACTIVE
10.225.3.64	255.255.255.252	0.0.0.0	1	LOCAL	ACTIVE
10.225.218.0	255.255.255.0	10.225.3.66	1	STATIC	ACTIVE
172.18.193.30	255.255.255.255	0.0.0.0	3	LOCAL	ACTIVE

#

3 – Configurações dos Equipamentos

```
admin >ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 10.225.3.66 netmask 255.255.255.252 broadcast 10.225.3.67
    ether 00:90:27:f0:86:38 txqueuelen 10000 (Ethernet)
    RX packets 17410 bytes 5813964 (5.5 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 24127 bytes 25156889 (23.9 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 10.225.218.1 netmask 255.255.255.0 broadcast 10.225.218.255
    ether 00:90:27:f0:86:39 txqueuelen 10000 (Ethernet)
    RX packets 27555 bytes 25497644 (24.3 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 20402 bytes 6136811 (5.8 MiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
    device interrupt 17 memory 0xfe9e0000-fea00000
```



4 – Teste de Velocidade -Download/Upload

