

TERMO DE ACEITE TÉCNICO

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

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Data Instalação
23/11/2018

Data Ativação
23/11/2018

Unidade: Ponto 2 (Bom Jesus)

Município: Bom Jesus- PI

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

Operadora
Global Eagle

VSAT-ID
ATI-OU-0211-OUT

Porta kbps
1024/256

Tipo
Outdoor

Piauí, 23 de Novembro de 2018

1 – Local da Instalação



2 – Configurações do Modem

device show

System Information:

Name : ATI-OU-0211-OUT
Location : PI
Contact :
System Up time : 0 days, 00:03:32
CPU Load : 56%
System time(UTC) : 23 November 2018 12:16:48
Broadcast Message : not set

HW:

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

MAC addresses:

LAN : 00:20:0e:10:93:67
Satellite (DVB) : 00:20:0e:10:93:67

dvb tx show

Satellite (DVB) TX Configuration

Auto start : Enabled
BUPC status : Disabled
IDU Output Power : -22 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 : -21.9 dBm
Es/No : 15.0 dB
Header Compression : Disabled
Timing correction : -306 us (251013 us)
Frequency correction: 180 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 : 11.628096 GHz
Symbol Rate : 25.000103 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 : 17.2 dB
Input Power : -34 dBm

arp show

NetAddr	State	MacAddr	If
10.225.3.86	Dynamic	00:90:27:f0:8b:8c	1

ip show

Interfaces

If	IPAddress	SubnetMask	BroadCastAddr	MTU	Alias	AdminStatus
1	10.225.3.85	255.255.255.252	10.225.3.87	1500	eth0	1
3	172.18.193.25	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	24605	0	479	5098660	28800	8	0	29367760
3	30053	0	181	29539470	24703	0	0	4793726
4	0	0	0	0	0	0	0	0

IP	Receive	Deliver	Errors	InDiscards	Forward	Request	NoRoute	OutDiscards
	54649	2173	0	0	54421	2235	0	662

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

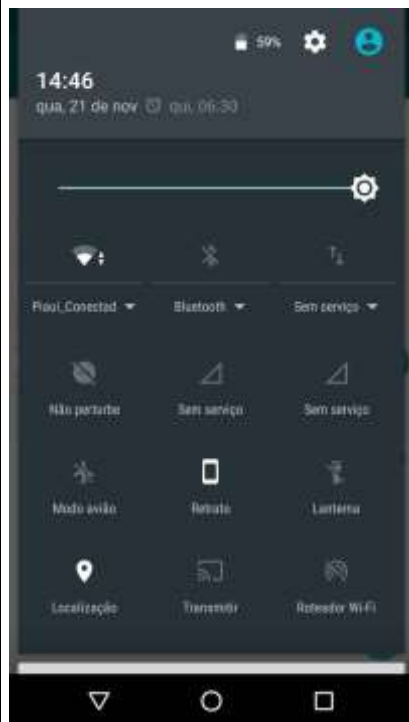
DestMask	RouteMask	NextHop	If	RtType	Row-Status
0.0.0.0	0.0.0.0	0.0.0.0	3	STATIC	ACTIVE
10.225.3.84	255.255.255.252	0.0.0.0	1	LOCAL	ACTIVE
10.225.223.0	255.255.255.0	10.225.3.86	1	STATIC	ACTIVE
172.18.193.25	255.255.255.255	0.0.0.0	3	LOCAL	ACTIVE

#

3 – Configurações dos Equipamentos

```
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 10.225.3.86 netmask 255.255.255.252 broadcast 10.225.3.87
    ether 00:90:27:f0:8b:8c txqueuelen 10000 (Ethernet)
    RX packets 10381668 bytes 11624778954 (10.8 GiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 8644659 bytes 1431680386 (1.3 GiB)
    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 10.225.223.1 netmask 255.255.255.0 broadcast 10.225.223.255
    ether 00:90:27:f0:8b:8d txqueuelen 10000 (Ethernet)
    RX packets 8643187 bytes 1372984949 (1.2 GiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 10301736 bytes 11589994778 (10.7 GiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
    device interrupt 17 memory 0xfe9e0000-fea00000
```



4 – Teste de Velocidade -Download/Upload

