



TERMO DE ACEITE TÉCNICO

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

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Orgão: ATI - Agência de Tecnologia da Informação

Data
Instalação: 27/11/2018

Data Ativação: 27/11/2018

Unidade: Assentamento São Bento

Município: Pio IX

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

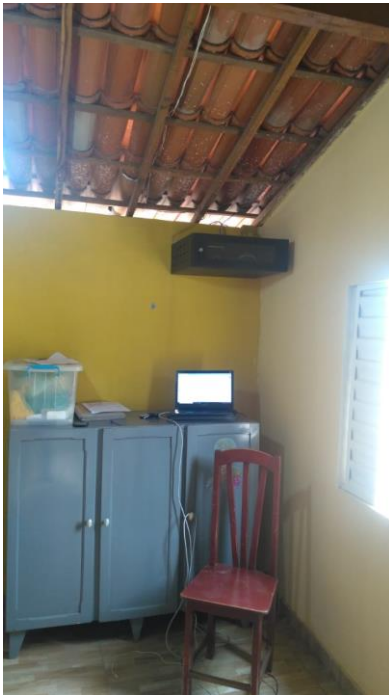
Operadora:
Global Eagle

VSAT-ID: ATI-PU-0200-OUT

Porta kbps
1024/256

Tipo
Outdoor

1 – Local da Instalação:



2 – Configurações do Modem

device show

System Information:

Name : ATI-PU-0200-OUT
Location : Pio IX- PI
Contact :
System Up time : 0 days, 02:08:42
CPU Load : 52%
System time(UTC) : 27 November 2018 19:20:53
Broadcast Message : not set

HW:

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

MAC addresses:

LAN : 00:20:0e:10:95:11
Satellite (DVB) : 00:20:0e:10:95:11

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 : -18.1 dBm
Es/No : 12.0 dB
Header Compression : Disabled

Timing correction : -63 us (249517 us)

Frequency correction: 440 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 : 11.628037 GHz

Symbol Rate : 24.999653 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 : 14.4 dB

Input Power : -33 dBm

arp show

NetAddr	State	MacAddr	If
10.225.3.42	Dynamic	00:90:27:ef:70:28	1

ip show

Interfaces

If	IPAddress	SubnetMask	BroadCastAddr	MTU	Alias	AdminStatus
1	10.225.3.41	255.255.255.252	10.225.3.43	1500	eth0	1
3	172.18.193.43	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	75699	5	0	45340660	81240	67	0	61153461
3	86128	0	0	78996803	62585	0	1473	41728419
4	0	0	0	0	0	0	0	0

IP	Receive	Deliver	Errors	InDiscards	Forward	Request	NoRoute	OutDiscards
	161629	119	0	0	145376	242	0	1

Interface Directed Routing Table

In If Out If

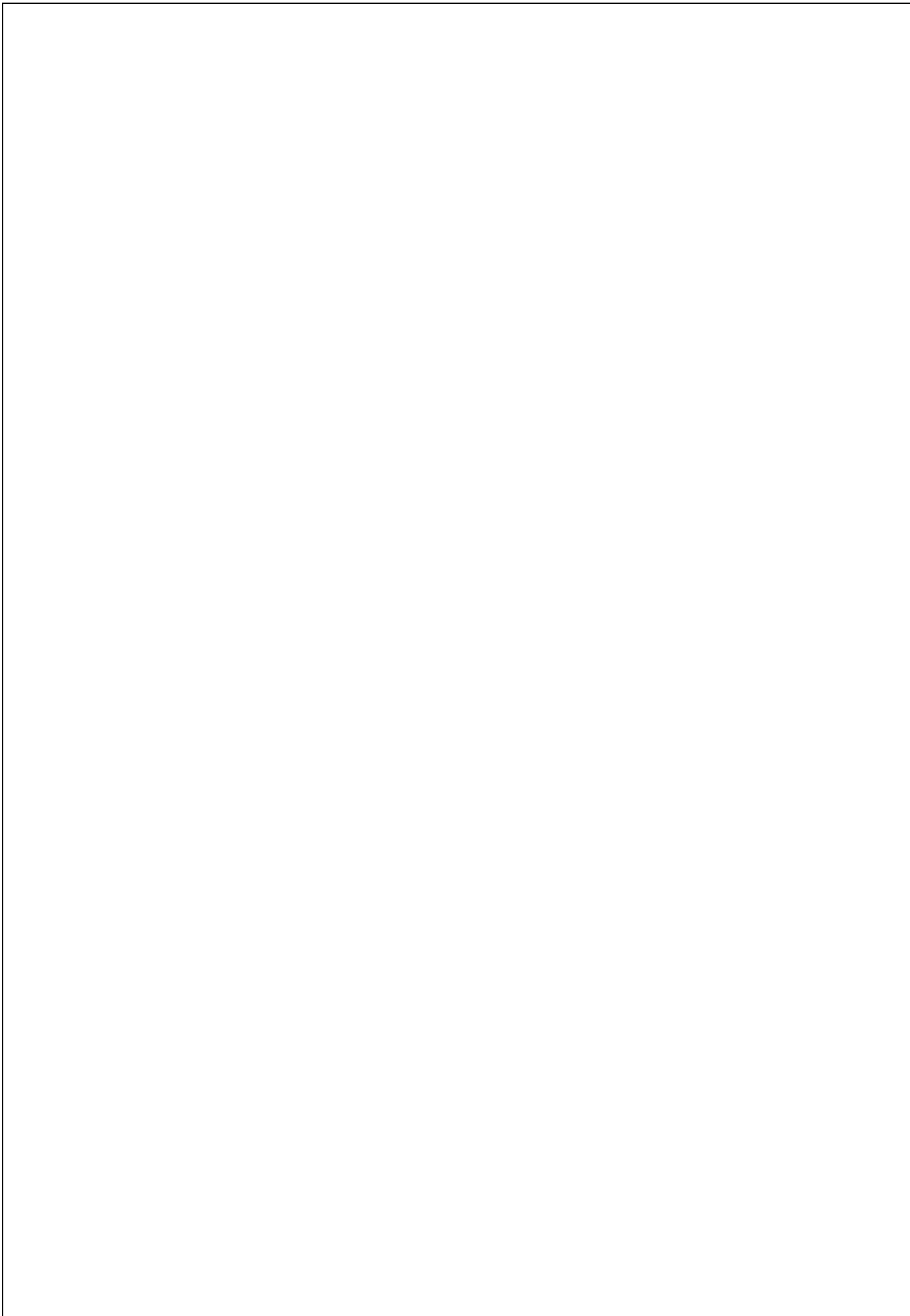
-----IP LAC Statistics-----

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
10.225.3.40	255.255.255.252	0.0.0.0	1	LOCAL	ACTIVE
10.225.212.0	255.255.255.0	10.225.3.42	1	STATIC	ACTIVE
172.18.193.43	255.255.255.255	0.0.0.0	3	LOCAL	ACTIVE

#



DVB State : Forward link up
Network : 1326, ATI-PI
Frequency : 11.628065 GHz
Symbol Rate : 24.999942 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 : 17.1 dB
Input Power : -31 dBm
arp show

NetAddr	State	MacAddr	If
10.225.3.106	Dynamic	00:90:27:f0:8d:08	1

ip show

Interfaces

If	IPAddress	SubnetMask	BroadCastAddr	MTU	Alias	AdminStatus
1	10.225.3.105	255.255.255.252	10.225.3.107	1500	eth0	1
3	172.18.193.40	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	771207	6	0	121519038	1135224	275	0	1160755352
3	1051296	0	0	1211305938	518898	0	0	97916790
4	0	0	0	0	0	0	0	0

IP	Receive	Deliver	Errors	InDiscards	Forward	Request	NoRoute	OutDiscards
	1821242	2379	0	0	1656144	2748	0	2

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

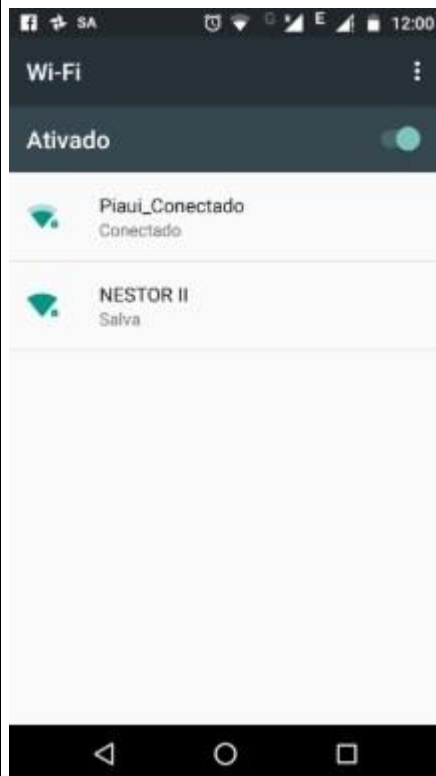
Routing Table

DestMask	RouteMask	NextHop	If	RtType	Row-Status
0.0.0.0	0.0.0.0	0.0.0.0	3	STATIC	ACTIVE
10.225.3.104	255.255.255.252	0.0.0.0	1	LOCAL	ACTIVE
10.225.228.0	255.255.255.0	10.225.3.106	1	STATIC	ACTIVE
172.18.193.40	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 10.225.3.106 netmask 255.255.255.252 broadcast 10.225.3.107
    ether 00:90:27:f0:8d:08 txqueuelen 10000 (Ethernet)
    RX packets 1146507 bytes 1174856213 (1.0 GiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 779828 bytes 125650782 (119.8 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 10.225.228.1 netmask 255.255.255.0 broadcast 10.225.228.255
    ether 00:90:27:f0:8d:09 txqueuelen 10000 (Ethernet)
    RX packets 790421 bytes 126271019 (120.4 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 1152357 bytes 1172795533 (1.0 GiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
    device interrupt 17 memory 0xfe9e0000-fea00000
```



4 – Teste de Velocidade-Download/Upload

