



TERMO DE ACEITE TÉCNICO

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

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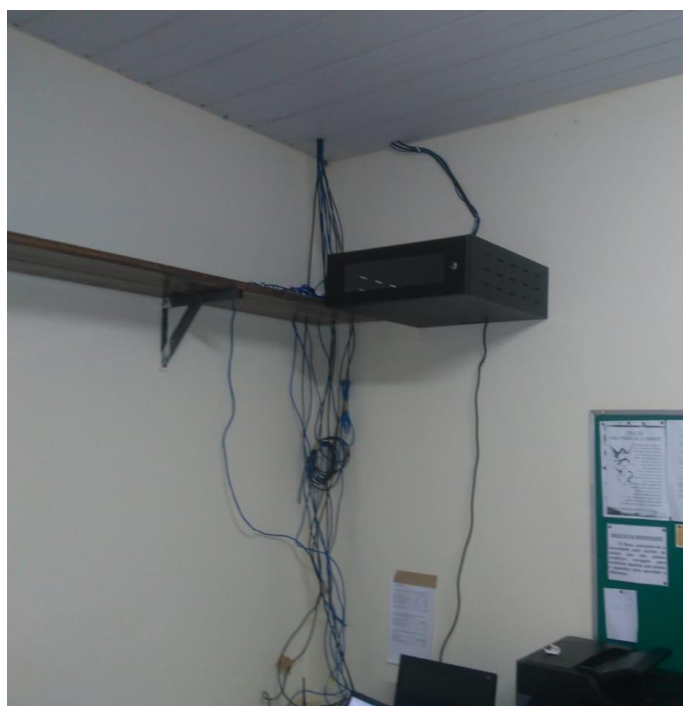
ATI: Wesley Souza

Responsável/cliente: Regina Medeiros

Orgão: ATI	Unidade: Piauí Conectado - Praça	Data Instalação 20/09/2018	Data Ativação 20/09/2018
Operadora Global Eagle	VSAT-ID ATI-PB-0046-OUT	Porta kbps 4096/512	Tipo Outdoor

Piauí, 20 de setembro de 2018

1 – Local da Instalação



2 – Configurações do Modem

device show

System Information:

Name : ATI-PB-0046-OUT
Location : Várzea Grande - PI
Contact :
System Up time : 0 days, 00:49:54
CPU Load : 18%
System time(UTC) : 21 September 2018 13:21:34
Broadcast Message : not set

HW:

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

MAC addresses:

LAN : 00:20:0e:10:8a:34
Satellite (DVB) : 00:20:0e:10:8a:34

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 : -17.9 dBm
Es/No : 14.5 dB
Header Compression : Disabled
Timing correction : -262 us (249999 us)
Frequency correction: 240 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
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* 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 : 11.628073 GHz
Symbol Rate : 24.999930 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 : 13.4 dB
Input Power : -35 dBm

arp show

NetAddr	State	MacAddr	If
10.225.1.66	Dynamic	00:0b:ab:f5:c7:12	1

ip show

Interfaces

If	IPAddress	SubnetMask	BroadCastAddr	MTU	Alias	AdminStatus
1	10.225.1.65	255.255.255.252	10.225.1.67	1500	eth0	1
3	172.18.192.39	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
1 586 0 1 203196 562 30 0 52122
3 756 0 3 66862 903 0 0 203106
4 0 0 0 0 0 0 0 0
IP Receive Deliver Errors InDiscards Forward Request NoRoute OutDiscards
1288 311 0 0 1427 405 0 4

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
10.225.1.64	255.255.255.252	0.0.0.0	1	LOCAL	ACTIVE

10.225.90.0	255.255.255.0	10.225.1.66	1	STATIC	ACTIVE
172.18.192.39	255.255.255.255	0.0.0.0	3	LOCAL	ACTIVE

3 – Configurações dos Equipamentos

Network Settings

Settings

Interfaces

Static Routing

Dynamic Routing

IPv6 Settings

Traffic Shaping

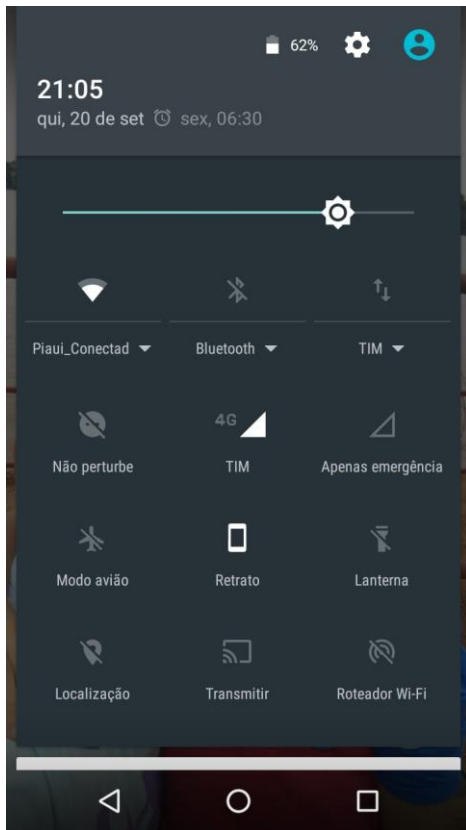
H.A.

Status	Interface	Address	Gateway	Type	Zone	Action
	eth0	10.225.1.66/30	-	Physical	WAN	
	eth1	10.225.90.1/24	-	Physical	LAN	
	eth2	-	-	Physical	-	
	eth3	-	-	Physical	-	

```
admin >ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST>  mtu 1500
    inet 10.225.1.66  netmask 255.255.255.252  broadcast 10.225.1.67
    ether 00:0b:ab:f5:c7:12  txqueuelen 10000  (Ethernet)
    RX packets 60  bytes 4558 (4.4 KiB)
    RX errors 0  dropped 0  overruns 0  frame 0
    TX packets 43  bytes 6008 (5.8 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 10.225.90.1  netmask 255.255.255.0  broadcast 10.225.90.255
    ether 00:0b:ab:f5:c7:13  txqueuelen 1000  (Ethernet)
    RX packets 6750  bytes 1302331 (1.2 MiB)
    RX errors 0  dropped 0  overruns 0  frame 0
    TX packets 15645  bytes 19886839 (18.9 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 152899  bytes 28760908 (27.4 MiB)
    RX errors 0  dropped 0  overruns 0  frame 0
    TX packets 152899  bytes 28760908 (27.4 MiB)
    TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0
```



4 – Teste de Velocidade -Download/Upload

