



TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Jefferson Marques

Técnico Instalador: Osvaldo Costa Oliveira

Contato: 86 9 9802 4522

Email: costa-osvaldo@hotmail.com

ATI: Wesley Souza

Responsável/cliente: Glaucio Torres

Orgão: ATI	Unidade: ATI - Piracuruca	Data Instalação 10/10/2018	Data Ativação 10/10/2018
Operadora Global Eagle	VSAT-ID ATI-PB-0061-OUT	Porta kbps 4096/512	Tipo Outdoor

Piauí, 10 de Outubro de 2018

1 – Local da Instalação



2 – Configurações do Modem

device show#

System Information:

Name : ATI-PB-0061-OUT
 Location : Piracuruca - PI
 Contact :
 System Up time : 0 days, 04:24:08
 CPU Load : 26%
 System time(UTC) : 10 October 2018 20:00:03
 Broadcast Message : not set

HW:

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

MAC addresses:

LAN : 00:20:0e:10:87:d6
 Satellite (DVB) : 00:20:0e:10:87:d6

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 : -20.1 dBm
 Es/No : 10.5 dB
 Header Compression : Disabled
 Timing correction : -86 us (249687 us)
 Frequency correction: 310 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 : 11.628144 GHz
 Symbol Rate : 25.000520 Msps
 S2 ModCod
 - receiving : 1 QPSK-1/4
 - current max : 12 8PSK-3/5

Pilot : On
 Frame length : Short
 DVB S2 Mode : ACM
 DVB S2 Stream type : MPEG-TS
 Roll off : 0.25
 SNR : 8.6 dB
 Input Power : -40 dBm

arp show

NetAddr	State	MacAddr	If
10.225.0.186	Dynamic	00:90:27:f0:31:52	1

ip show

Interfaces

If	IPAddress	SubnetMask	BroadCastAddr	MTU	Alias	AdminStatus
1	10.225.0.185	255.255.255.252	10.225.0.187	1500	eth0	1
3	172.18.192.151	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	286381	0	8	69179158	435144	131	0	515796443
3	426314	0	0	526156715	119777	0	92	57391915
4	0	0	0	0	0	0	0	0

IP	Receive	Deliver	Errors	InDiscards	Forward	Request	NoRoute	OutDiscards
712328	114	0	0	554980	334	0	10	

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
10.225.0.184	255.255.255.252	0.0.0.0	1	LOCAL	ACTIVE
10.225.56.0	255.255.255.0	10.225.0.186	1	STATIC	ACTIVE
172.18.192.151	255.255.255.255	0.0.0.0	3	LOCAL	ACTIVE

#

3 – Configurações dos Equipamentos

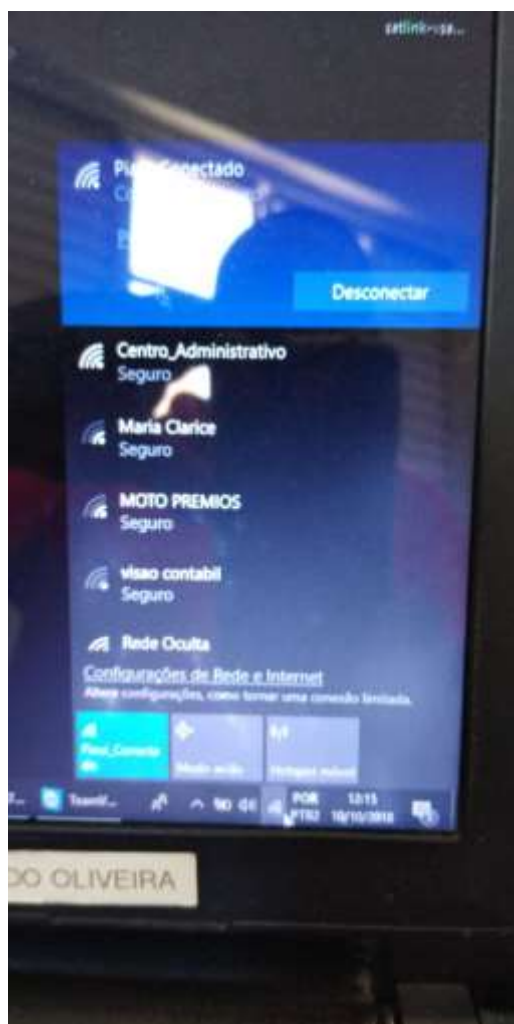
Configurações de Rede

Configurações	Interfaces	Roteamento Estático	Roteamento Dinâmico	Configurações IPv6	Controle de Banda	H.A.
<div>+</div> <div>-</div>						
Status	Interface	Endereço	Gateway	Tipo	Zona	Ação
	 eth0	10.225.0.186/30	-	Física	WAN	 
	 eth1	10.225.56.1/24	-	Física	LAN	 
	 eth2	-	-	Física	-	 
	 eth3	-	-	Física	-	 

```

eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 10.225.0.186 netmask 255.255.255.252 broadcast 10.225.0.187
    ether 00:90:27:f0:31:52 txqueuelen 10000 (Ethernet)
    RX packets 5082 bytes 1482534 (1.4 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 8154 bytes 2234466 (2.1 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 10.225.56.1 netmask 255.255.255.0 broadcast 10.225.56.255
    ether 00:90:27:f0:31:53 txqueuelen 10000 (Ethernet)
    RX packets 10111 bytes 2611325 (2.4 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 10045 bytes 7771310 (7.4 MiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
    device interrupt 17 memory 0xfe9e0000-fea00000
  
```



4 – Teste de Velocidade -Download/Upload

