



TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Rogério Frias

Técnico Instalador: Jean Polini

Contato: 11 97701-2709

Email: jeanpolinitelecom@gmail.com

ATI: Wesley Souza

Responsável/cliente: Aluísio P. da Silva

Orgão: ADAPI

Unidade: Adapi – Manoel Emídio

Data Instalação

14/09/2018

Data Ativação

14/09/2018

Operadora
Global Eagle

VSAT-ID
ATI-OU-0012-IND

Porta kbps
4096/512

Tipo
Indoor

Piauí, 14 de setembro de 2018

1 – Local da Instalação



2 – Configurações do Modem

device show

System Information:

Name : ATI-OU-0012-IND
Location : PI
Contact :
System Up time : 0 days, 00:56:00
CPU Load : 12%
System time(UTC) : 14 September 2018 14:25:25
Broadcast Message : not set

HW:

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

MAC addresses:

Ethernet (LAN) : 00:20:0e:10:88:59
Satellite (DVB) : 00:20:0e:10:88:59

dvb tx show

Satellite (DVB) TX Configuration

Auto start : Enabled
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 : -19.8 dBm
Es/No : 16.0 dB
Header Compression : Disabled
Timing correction : -283 us (250726 us)
Frequency correction: 250 Hz

dvb rx show

Satellite (DVB) RX Configuration

Auto start : Enabled
Max Traffic MODCOD : 23 16APSK-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     : 11.628114 GHz
Symbol Rate   : 24.999644 Msps
S2 ModCod
  - receiving  : 1  QPSK-1/4
  - current max : 15 8PSK-5/6
Pilot         : On
Frame length   : Short
DVB S2 Mode    : ACM
DVB S2 Stream type : MPEG-TS
Roll off       : 0.25
SNR            : 12.3 dB
Input Power    : -36 dBm
# arp show

NetAddr  State  MacAddr      If
10.225.0.154 Dynamic 00:0b:ab:f5:c7:e2 1
# ip show
Interfaces
If  IPAddress  SubnetMask  BroadCastAddr  MTU      Alias  Admi
nStatus
1  10.225.0.153 255.255.255.252  10.225.0.155 1500      eth0  1
3  172.18.192.5 255.255.255.255      N/A 1500      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  306929    0    82 111052433 678554    33    0 912585195
3  667189    0    0 917003413 115819    0   615 96036262
4    0    0    0    0    0    0    0
IP Receive Deliver  Errors  Discards Forward Request NoRoute  Discards
974048  120    0    0 794880  205   25   122

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
0.0.0.0   0.0.0.0    0.0.0.0 3  STATIC
10.225.0.152 255.255.255.252 0.0.0.0 1  LOCAL
10.225.48.0 255.255.255.0 10.225.0.154 1  STATIC
172.18.192.5 255.255.255.255 0.0.0.0 3  LOCAL
#
```

3 – Configurações dos Equipamentos

Configurações de Rede

Configurações

Interfaces

Roteamento Estático

Roteamento Dinâmico

Configurações IPv6

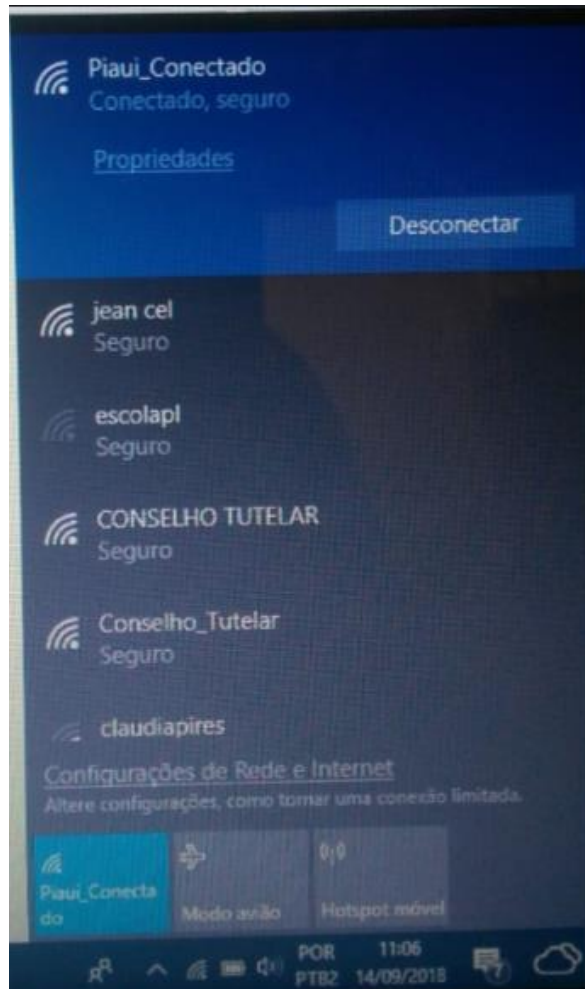
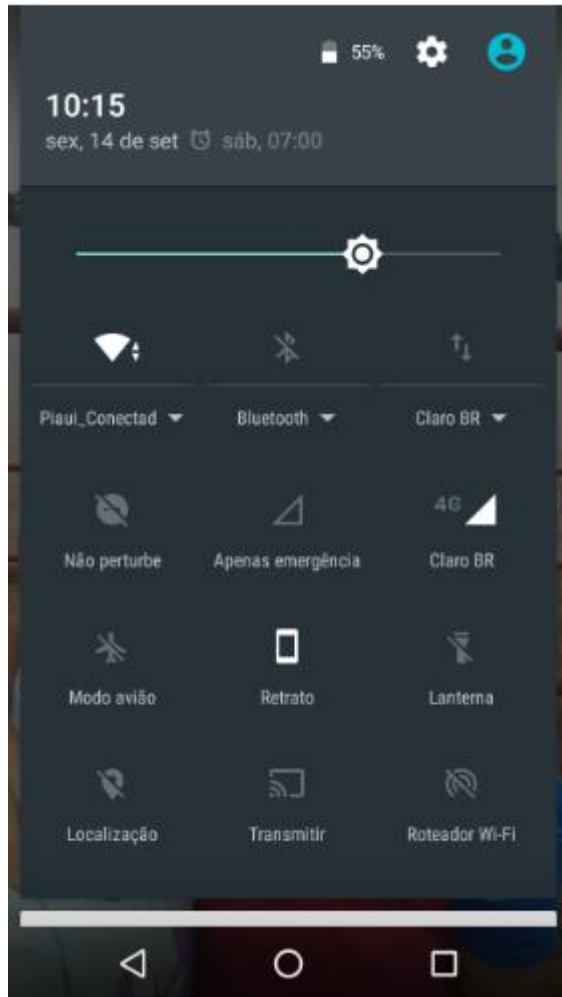
Controle de Banda

H.A.

Status	Interface	Endereço	Gateway	Tipo	Zona	Ação
	eth0	10.225.0.154/30	-	Física	WAN	
	eth1	10.225.48.1/24	-	Física	LAN	
	eth2	-	-	Física	-	
	eth3	-	-	Física	-	

```
admin >ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 10.225.0.154 netmask 255.255.255.252 broadcast 10.225.0.155
    ether 00:0b:ab:f5:c7:e2 txqueuelen 10000 (Ethernet)
    RX packets 44 bytes 4682 (4.5 KiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 11 bytes 2011 (1.9 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 10.225.48.1 netmask 255.255.255.0 broadcast 10.225.48.255
    ether 00:0b:ab:f5:c7:e3 txqueuelen 10000 (Ethernet)
    RX packets 3009 bytes 581147 (567.5 KiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 7227 bytes 9227938 (8.8 MiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
    device memory 0xd0800000-d081ffff
```



4 – Teste de Velocidade -Download/Upload

