



TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Pedro Bernardes

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Orgão: ATI

Unidade: Mercado e Rodoviária (Miguel Alves)

Data Instalação

11/10/2018

Data Ativação

11/10/2018

Operadora
Global Eagle

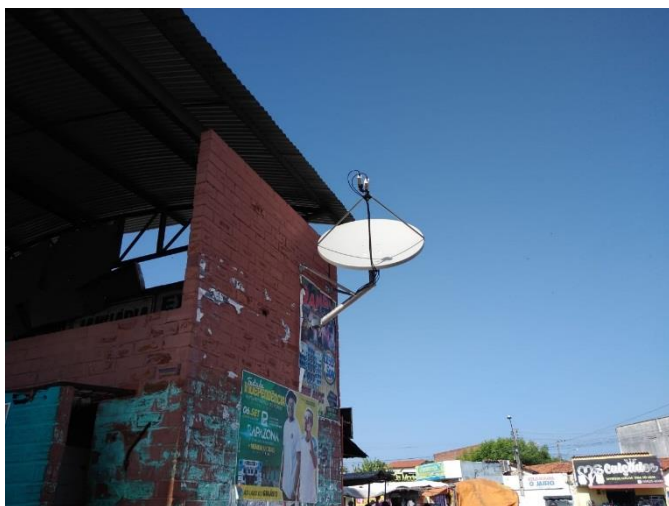
VSAT-ID
ATI-PB-0087-OUT

Porta kbps
4096/512

Tipo
Outdoor

Piauí, 11 de outubro de 2018

1 – Local da Instalação



2 – Configurações do Modem

device show

System Information:

Name : ATI-PB-0087-OUT
Location : Miguel Alves - PI
Contact :
System Up time : 0 days, 00:40:34
CPU Load : 49%
System time(UTC) : 11 October 2018 22:06:30
Broadcast Message : not set

HW:

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

MAC addresses:

LAN : 00:20:0e:10:85:ea
Satellite (DVB) : 00:20:0e:10:85:ea

dvb tx show

Satellite (DVB) TX Configuration

Auto start : Enabled
BUPC status : Disabled
IDU Output Power : -17 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 : -17.1 dBm
Es/No : 12.5 dB
Header Compression : Disabled
Timing correction : 35 us (250056 us)
Frequency correction: 330 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     : 11.628102 GHz
Symbol Rate   : 25.000214 Msps
S2 ModCod
  - receiving  : 16 8PSK-8/9
  - 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            : 14.4 dB
Input Power    : -37 dBm
# arp show

NetAddr  State  MacAddr      If
10.225.0.250 Dynamic 00:90:27:ef:71:10 1
# ip show
Interfaces
If  IPAddress  SubnetMask  BroadCastAddr  MTU      Alias  AdminStatus
1  10.225.0.249 255.255.255.252 10.225.0.251 1500     eth0    1
3  172.18.192.164 255.255.255.255      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  64066   7      0  3864369 109776  24     0 151415374
3  112186  0      0 152040782 17828  0     0 830736
4   0      0      0   0      0      0     0 0
IP Receive Deliver Errors InDiscards Forward Request NoRoute OutDiscards
176186 2499 0 0 127543 2584 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
10.225.0.248 255.255.255.252 0.0.0.0 1 LOCAL ACTIVE
10.225.72.0 255.255.255.0 10.225.0.250 1 STATIC ACTIVE
172.18.192.164 255.255.255.255 0.0.0.0 3 LOCAL ACTIVE
```

3 – Configurações dos Equipamentos

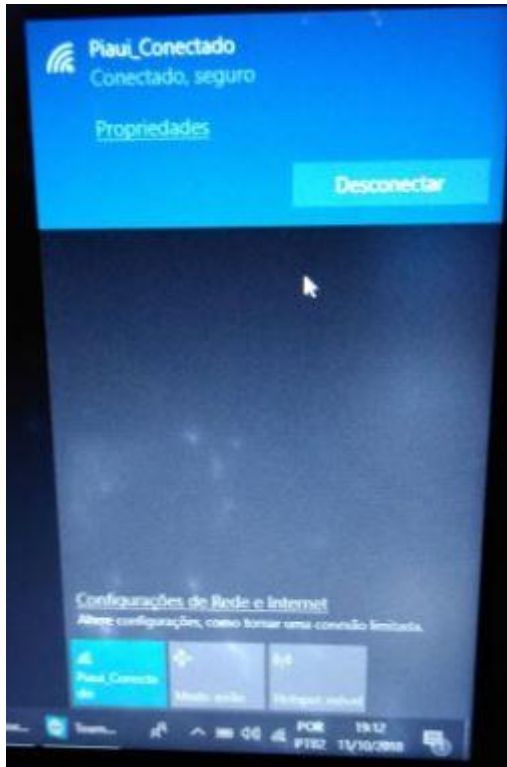
Configurações de Rede

Configurações						
Interfaces						
Roteamento Estático						
Roteamento Dinâmico						
Configurações IPv6						
Controle de Banda						
H.A.						
Status	Interface	Endereço	Gateway	Tipo	Zona	Ação
	eth0	10.225.0.250/30	-	Física	WAN	
	eth1	10.225.72.1/24	10.225.72.1	Física	LAN	
	eth2	-	-	Física	-	
	eth3	-	-	Física	-	

```
admin >ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 10.225.0.250 netmask 255.255.255.252 broadcast 10.225.0.251
    ether 00:90:27:ef:71:10 txqueuelen 10000 (Ethernet)
    RX packets 78 bytes 11481 (11.2 KiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 72 bytes 6710 (6.5 KiB)
    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 10.225.72.1 netmask 255.255.255.0 broadcast 10.225.72.255
    ether 00:90:27:ef:71:11 txqueuelen 1000 (Ethernet)
    RX packets 2737 bytes 619700 (605.1 KiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 6962 bytes 8791792 (8.3 MiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
    device interrupt 17 memory 0xfe9e0000-fea00000

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 106737 bytes 38159674 (36.3 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 106737 bytes 38159674 (36.3 MiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
```



4 – Teste de Velocidade -Download/Upload

