



TERMO DE ACEITE TÉCNICO

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

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Orgão: ATI	Unidade: Escola Municipal Padre João	Data Instalação 14/10/2018	Data Ativação 14/10/2018
Operadora Global Eagle	VSAT-ID ATI-PB-0135-OUT	Porta kbps 4096/512	Tipo Outdoor

Piauí, 14 de outubro de 2018

1 – Local da Instalação



2 – Configurações do Modem

device show

System Information:

Name : ATI-PB-0135-OUT
Location : Miguel Alves - PI
Contact :
System Up time : 0 days, 01:20:57
CPU Load : 20%
System time(UTC) : 14 October 2018 17:09:27
Broadcast Message : not set

HW:

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

MAC addresses:

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

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 : -20.1 dBm
Es/No : 14.0 dB
Header Compression : Disabled
Timing correction : -196 us (251536 us)
Frequency correction: 310 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[Mbps]	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

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DVB State      : Forward link up
Network       : 1326, ATI-PI
Frequency     : 11.628159 GHz
Symbol Rate   : 25.000062 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            : 14.5 dB
Input Power    : -31 dBm
# arp show

NetAddr  State  MacAddr      If
10.225.2.34 Dynamic 00:0b:ab:f5:ca:34 1
# ip show
Interfaces
If  IPAddress  SubnetMask  BroadCastAddr  MTU      Alias  AdminStatus
1  10.225.2.33 255.255.255.252 10.225.2.35 1500    eth0 1
3  172.18.192.173 255.255.255.255 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  286224   18    360 56378864 478575   70    0 631661099
3  474749    0     0 635855197 86797    0     2 43162473
4    0     0     0     0     0     0     0
IP Receive Deliver  Errors  Discards Forward Request NoRoute  Discards
760907  117     0     0 565590  266   45   408

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
10.225.2.32 255.255.255.252 0.0.0.0 1 LOCAL
10.225.146.0 255.255.255.0 10.225.2.34 1 STATIC
172.18.192.173 255.255.255.255 0.0.0.0 3 LOCAL
```

3 – Configurações dos Equipamentos

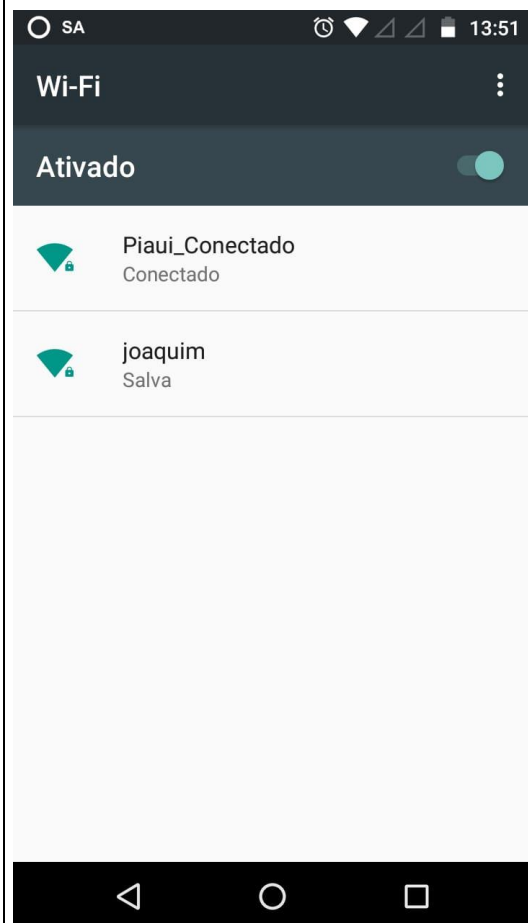
Configurações de Rede

Configurações Interfaces Roteamento Estático Roteamento Dinâmico Configurações IPv6 Controle de Banda H.A.						
Status	Interface	Endereço	Gateway	Tipo	Zona	Ação
	eth0	10.225.2.34/30	-	Física	WAN	
	eth1	10.225.146.1/24	-	Física	LAN	
	eth2	-	-	Física	-	
	eth3	-	-	Física	-	

```
admin >ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 10.225.2.34 netmask 255.255.255.252 broadcast 10.225.2.35
    ether 00:0b:ab:f5:ca:34 txqueuelen 10000 (Ethernet)
    RX packets 3280 bytes 373699 (364.9 KiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 114 bytes 9964 (9.7 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 10.225.146.1 netmask 255.255.255.0 broadcast 10.225.146.255
    ether 00:0b:ab:f5:ca:35 txqueuelen 10000 (Ethernet)
    RX packets 3456 bytes 521811 (509.5 KiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 6087 bytes 7893555 (7.5 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 46577 bytes 10401592 (9.9 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 46577 bytes 10401592 (9.9 MiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
```



4 – Teste de Velocidade -Download/Upload

