



TERMO DE ACEITE TÉCNICO

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

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Orgão: SEDUC

Unidade: Praça Aniceto Sousa

Data Instalação

05/09/2018

Data Ativação

05/09/2018

Operadora
Global Eagle

VSAT-ID
ATI-ES-0031-OUT

Porta kbps
1024/256

Tipo
Indoor

Piauí, 5 de Setembro de 2018

1 – Local da Instalação



2 – Configurações do Modem

device show

System Information:

Name : ATI-PU-0031-OUT
Location : PI
Contact :
System Up time : 0 days, 01:11:54
CPU Load : 8%
System time(UTC) : 05 September 2018 20:28:09
Broadcast Message : not set HW:
Model : SatLink 2000
HW ID : 120033
Main board ID : 120026 R6.2

MAC addresses:

Ethernet (LAN) : 00:20:0e:10:87:b5
Satellite (DVB) : 00:20:0e:10:87:b5

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 : -20.0 dBm
Es/No : 16.5 dB
Header Compression : Disabled
Timing correction : -166 us (250107 us)
Frequency correction: 320 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[Msp/s]	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 : 11.628096 GHz
Symbol Rate : 25.000553 Msp/s
S2 ModCod
- receiving : 1 QPSK-1/4

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- 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            : 12.0 dB
Input Power    : -39 dBm

# odu show
Antenna
-----
Type                ASC/Andrew/Channel Master Type 123 - 1.2m
Antenna controller   None
Tx Gain at 14.25 GHz  43.3dB
Transmitter (BUC)
Type                Invacom TUL-204 (14.0-14.5 GHz)
Local oscillator      13.050000 GHz
DC supply            24V On
Receiver (LNB)
-----
Type                Zinwell ZK-VJ1 (10.70-12.75 GHz)
Local oscillator - LO1  9.750000 GHz
Local oscillator - LO2  10.600000 GHz
Oscillator switching frequency 1-2 11.700000 GHz
LO Switching mode     22kHz
13/18V DC supply      13V

# ip show
Interfaces
If  IPAddress  SubnetMask  BroadCastAddr  MTU  Alias  AdminStatus
1  10.225.1.49 255.255.255.252  10.225.1.51 1500  eth0  1
3  172.18.193.226 255.255.255.255  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  149690  1  0  47104210  176400  40  0  173782484
3  177370  0  0  180187356  98160  0  20  41630931
4  0  0  0  0  0  0  0  0
IP Receive Deliver Errors Discards Forward Request NoRoute Discards
326916 103 0 0 274282 194 0 0
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
10.225.1.48 255.255.255.252 0.0.0.0 1 LOCAL
10.225.86.0 255.255.255.0 10.225.1.50 1 STATIC
172.18.193.226 255.255.255.255 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	10.225.1.50/24	-	Física	WAN	
	eth1	10.225.86.1/24	-	Física	LAN	
	eth2	-	-	Física	-	
	eth3	-	-	Física	-	

```
admin >ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 10.225.1.50 netmask 255.255.255.0 broadcast 10.225.1.255
    ether 00:90:27:f0:35:5a txqueuelen 10000 (Ethernet)
    RX packets 190468 bytes 189998534 (181.1 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 164672 bytes 49983861 (47.6 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 10.225.86.1 netmask 255.255.255.0 broadcast 10.225.86.255
    ether 00:90:27:f0:35:5b txqueuelen 10000 (Ethernet)
    RX packets 167966 bytes 50226741 (47.8 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 189242 bytes 188205190 (179.4 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 21451 bytes 15186185 (14.4 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 21451 bytes 15186185 (14.4 MiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

admin >
```



Piaui_Conectado
Conectado, seguro

[Propriedades](#)

Desconectar



UNIAO-COMUNITARIA
Seguro



SEM SENHA
Seguro



TP-Link_9B9E
Seguro



Bar Extra Alternativo
Seguro



Dara

[Configurações de Rede e Internet](#)

Altere configurações, como tornar uma conexão limitada.



Piaui_Conecta
do



Modo avião



Hotspot móvel

4 – Teste de Velocidade

Download/Uploland

