



TERMO DE ACEITE TÉCNICO

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

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Orgão: SEDUC

Unidade: Escola Municipal Teresina Camará

Data Instalação

11/09/2018

Data Ativação

11/09/2018

Operadora
Global Eagle

VSAT-ID
ATI-ES-0003-IND

Porta kbps
1024/256

Tipo
Indoor

Piauí, 11 de Setembro de 2018

1 – Local da Instalação



2 – Configurações do Modem

device show

System Information:

Name : ATI-PU-0003-IND
Location : Paes landim - PI
Contact :
System Up time : 0 days, 01:05:39
CPU Load : 15%
System time(UTC) : 11 September 2018 22:03:52
Broadcast Message : not set

HW:

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

MAC addresses:

Ethernet (LAN) : 00:20:0e:10:93:35
Satellite (DVB) : 00:20:0e:10:93:35

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 : 15.0 dB
Header Compression : Disabled
Timing correction : -30 us (250120 us)
Frequency correction: 260 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 : 11.627984 GHz
Symbol Rate : 24.999623 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 : 11.3 dB
Input Power : -37 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 JRC NJT5017 (14.0-14.5 GHz)
Local oscillator 13.050000 GHz
DC supply 24V On

Receiver (LNB)

Type SatLink 403x (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	10.225.1.85	255.255.255.252	10.225.1.87	1500	eth0	1
3	172.18.193.251	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	81848	19	0	28077550	126300	56	0	144230261
3	122628	0	0	144226636	40965	0	0	24416215
4	0	0	0	0	0	0	0	0

IP	Receive	Deliver	Errors	Discards	Forward	Request	NoRoute	Discards
	204465	176	0	0	167034	253	0	7

Interface Directed Routing Table

In If	Out If
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-----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
10.225.1.84	255.255.255.252	0.0.0.0	1	LOCAL
10.225.95.0	255.255.255.0	10.225.1.87	1	STATIC
172.18.193.251	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	10.225.1.86/30	-	Física	WAN	
	eth1	10.225.95.1/24	-	Física	LAN	
	eth2	-	-	Física	-	
	eth3	-	-	Física	-	

```
admin >ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 10.225.1.86 netmask 255.255.255.252 broadcast 10.225.1.87
    ether 00:90:27:f0:33:32 txqueuelen 10000 (Ethernet)
    RX packets 183734 bytes 212021863 (202.1 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 128091 bytes 54576669 (52.0 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 10.225.95.1 netmask 255.255.255.0 broadcast 10.225.95.255
    ether 00:90:27:f0:33:33 txqueuelen 10000 (Ethernet)
    RX packets 10087 bytes 2908967 (2.7 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 10197 bytes 7938695 (7.5 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 646848 bytes 179635942 (171.3 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 646848 bytes 179635942 (171.3 MiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

admin >
```



4 – Teste de Velocidade

Download/Update

