



TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Wallace Teixeira

ATI: Wesley Souza

Orgão: SEDUC - Secretaria de Estado da Educação

Data Instalação
20/12/2018

Data Ativação
20/12/2018

Unidade: Unidade Escolar Estadual
Pedro Evangelista Caminha

Município: Geminiano

Operadora
Global Eagle

VSAT-ID
ATI-ES-0238-IND

Técnico Instalador: Arnaldo Ribeiro

Contato: 88 99810-4720

Email: netpointjuazeiro@gmail.com

Responsável/cliente: Benilda Francisca Galvão

Coordenadas: 07°09'35.44"S 41°21'28.07"W

Porta kbps
4M/512k

Tipo
Indoor

Piauí, 20 de Dezembro de 2018

1 – Local da Instalação



2 – Configurações do Modem

device show

System Information:

Name : ATI-ES-0238-IND
Location : Geminiano - PI
Contact :
System Up time : 0 days, 01:58:23
CPU Load : 39%
System time(UTC) : 21 December 2018 02:00:24
Broadcast Message : not set

HW:

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

MAC addresses:

LAN : 00:20:0e:10:94:5d
Satellite (DVB) : 00:20:0e:10:94:5d

dvb tx show

Satellite (DVB) TX Configuration

Auto start : Enabled
BUPC status : Disabled
IDU Output Power : -19 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 : -18.9 dBm
Es/No : 13.5 dB
Header Compression : Disabled
Timing correction : 63 us (249751 us)
Frequency correction: 190 Hz

dvb rx show

Satellite (DVB) RX Configuration

Auto start : Enabled
Max Traffic MODCOD : 28 32APSK-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

DVB State : Forward link up
Network : 1326, ATI-PI
Frequency : 11.628063 GHz
Symbol Rate : 25.000007 Msps
S2 ModCod
- receiving : 21 16APSK-5/6
- current max : 21 16APSK-5/6
Pilot : On
Frame length : Short
DVB S2 Mode : ACM
DVB S2 Stream type : MPEG-TS
Roll off : 0.25
SNR : 15.8 dB
Input Power : -31 dBm
odu show

Antenna

Type ASC/Andrew/Channel Master Type 123 - 1.2m
Antenna controller None
Tx Gain 43.3dB

Transmitter (BUC)

Type JRC NJT5017 (14.0-14.5 GHz)
Local oscillator 13.050000 GHz
DC supply 24V On
Reference 10Mhz 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	10.225.3.193	255.255.255.252	10.225.3.195	1540	eth0	1
3	172.18.137.227	255.255.255.255	N/A	1540	dvb0	1
4	N/A	N/A	N/A	1540	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	102354	2225	3552	34938652	171094	90	0	157815906
3	120341	0	45	142096883	52522	0	0	29817219
4	0	0	0	0	0	0	0	0

IP Receive Deliver Errors InDiscards Forward Request NoRoute OutDiscards
224730 22402 0 0 224377 47009 640 898

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	Row-Status
0.0.0.0	0.0.0.0	0.0.0.0 3	STATIC	ACTIVE
10.225.3.192	255.255.255.252	0.0.0.0 1	LOCAL	ACTIVE
10.225.250.0	255.255.255.0	10.225.3.194 1	STATIC	ACTIVE
172.18.137.227	255.255.255.255	0.0.0.0 3	LOCAL	ACTIVE

3 – Configurações dos Equipamento

```
admin >ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 10.225.3.194 netmask 255.255.255.252 broadcast 10.225.3.195
    ether 00:90:27:f0:86:50 txqueuelen 10000 (Ethernet)
    RX packets 4669 bytes 1302589 (1.2 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 4261 bytes 1206011 (1.1 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 10.225.250.1 netmask 255.255.255.0 broadcast 10.225.250.255
    ether 00:90:27:f0:86:51 txqueuelen 10000 (Ethernet)
    RX packets 6522 bytes 1608974 (1.5 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 8944 bytes 7627606 (7.2 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 49537 bytes 33198732 (31.6 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 49537 bytes 33198732 (31.6 MiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
```

Configurações de Rede

Configurações Interfaces Roteamento Estático Roteamento Dinâmico Configurações IPv6 Controle de Banda H.A.

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Status	Interface	Endereço	Gateway	Tipo	Zona	Ação		
	 eth0	10.225.3.194/30	-	Física	WAN	 		
	 eth1	10.225.250.1/24	-	Física	LAN	 		
	 eth2	-	-	Física	-	 		
	 eth3	-	-	Física	-	 		



4 – Teste de Velocidade -Download/Upload

