



TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Guilherme Santos

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Responsável/cliente:

Orgão: SEDUC

Unidade: Escolar Pedro Machado de Cerqueira

Data Instalação

18/10/2018

Data Ativação

18/10/2018

Operadora
Global Eagle

VSAT-ID
ATI-ES-0139-IND

Porta kbps
4096/512

Tipo
Indoor

Piauí, 18 de Outubro de 2018

1 – Local da Instalação

2 – Configurações do Modem

device show

System Information:

Name : ATI-ES-0139-IND
Location : SAO JOSE DO DIVINO-PI
Contact :
System Up time : 0 days, 00:53:18
CPU Load : 27%
System time(UTC) : 18 October 2018 09:14:49
Broadcast Message : not set

HW:

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

MAC addresses:

LAN : 00:20:0e:10:86:43
Satellite (DVB) : 00:20:0e:10:86:43

dvb tx show

Satellite (DVB) TX Configuration

Auto start : Enabled
BUPC status : Disabled
IDU Output Power : -20 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power : 33.2 dBm
EIRP : 46.5 dBW
Default CW Frequency: 0.000000 GHz
ATM mode : VC-Mux
Header Compression : None

Satellite (DVB) Transmitter Status

State : On (DVB-RCS2)
IDU Output Power : -21.8 dBm
ODU Output Power : 32.9 dBm
EIRP : 46.2 dBW
Es/No : 10.0 dB
Header Compression : Disabled
Timing correction : -213 us (249664 us)
Frequency correction: 20 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[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 : 11.628635 GHz
Symbol Rate : 25.000662 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 : 14.0 dB
Input Power : -24 dBm
odu show

Antenna

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

Transmitter (BUC)

Type SatLink 4033 (14.0-14.5 GHz)
ODU Serial No. 104804040203090401780000
ODU HW Version 4.2
ODU SW Version 1.3
Local oscillator 13.050000 GHz
DC supply 24V On
Reference 10Mhz On
Temperature 42 Deg C

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	10.225.2.53	255.255.255.252	10.225.2.55	1500	eth0	1
3	172.18.192.181	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	465	1103	201	156766	525	39	0	126602	
3	3444	0	0	213323	3530	0	0	219846	
4	0	0	0	0	0	0	0	0	

IP

Receive	Deliver	Errors	InDiscards	Forward	Request	NoRoute	OutDiscards
4377	4257	0	0	4052	4044	58	66

Interface Directed Routing Table

In	If	Out	If
----	----	-----	----

-----IP LAC Statistics-----

RPF	Src eq dest	RPF HitCount	Src eq dest HitCount	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
10.225.2.52	255.255.255.252	0.0.0.0	1	LOCAL	ACTIVE
10.225.151.0	255.255.255.0	10.225.2.54	1	STATIC	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	10.225.2.54/30	-	Física	WAN	 
	 eth1	10.225.151.1/24	-	Física	LAN	 
	 eth2	-	-	Física	-	 
	 eth3	-	-	Física	-	 

```
admin >ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 10.225.2.54 netmask 255.255.255.252 broadcast 10.225.2.55
    ether 00:90:27:f0:85:38 txqueuelen 10000 (Ethernet)
    RX packets 19 bytes 1216 (1.1 KiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 617 bytes 41412 (40.4 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 10.225.151.1 netmask 255.255.255.0 broadcast 10.225.151.255
    ether 00:90:27:f0:85:39 txqueuelen 1000 (Ethernet)
    RX packets 6 bytes 956 (956.0 B)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 4 bytes 567 (567.0 B)
    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 12299 bytes 8244013 (7.8 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 12299 bytes 8244013 (7.8 MiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
```

4 – Teste de Velocidade

Download/Upload

