



TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Jefferson Marques

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Orgão: SEDUC

Unidade: SEDUC – Rio Grande do Piauí

Data Instalação
18/10/2018

Data Ativação
18/10/2018

Operadora
Global Eagle

VSAT-ID
ATI-ES-0164 -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-0164-IND
 Location : Rio Grande do Piauí - PI
 Contact :
 System Up time : 0 days, 14:18:36
 CPU Load : 24%
 System time(UTC) : 19 October 2018 13:35:39
 Broadcast Message : not set

HW:

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

MAC addresses:

LAN : 00:20:0e:10:86:4b
 Satellite (DVB) : 00:20:0e:10:86:4b

dvb tx show

Satellite (DVB) TX Configuration

 Auto start : Enabled
 BUPC status : Disabled
 IDU Output Power : -18 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 : -17.8 dBm
 Es/No : 14.0 dB
 Header Compression : Disabled
 Timing correction : -244 us (250434 us)
 Frequency correction: 300 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[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 : 11.628145 GHz
 Symbol Rate : 25.000499 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 : 14.6 dB

Input Power : -41 dBm

arp show

NetAddr	State	MacAddr	If
10.225.2.154	Dynamic	00:90:27:ef:6f:dc	1

ip show

Interfaces

If	IPAddress	SubnetMask	BroadCastAddr	MTU	Alias	AdminStatus
1	10.225.2.153	255.255.255.252	10.225.2.155	1500	eth0	1
3	172.18.192.183	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	12457	0	4	3224013	14415	417	0	8694987	
3	12789	0	22	8608489	8911	0	0	2689178	
4	0	0	0	0	0	0	0	0	

IP	Receive	Deliver	Errors	InDiscards	Forward	Request	NoRoute	OutDiscards
	24158	153	0	0	22293	732	0	31

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
10.225.2.152	255.255.255.252	0.0.0.0	1	LOCAL	ACTIVE
10.225.176.0	255.255.255.0	10.225.2.154	1	STATIC	ACTIVE
172.18.192.183	255.255.255.255	0.0.0.0	3	LOCAL	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	10.225.2.154/30	-	Física	WAN	 
	 eth1	10.225.176.1/24	10.225.176.1	Física	LAN	 
	 eth2	-	-	Física	-	 
	 eth3	-	-	Física	-	 

```
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 10.225.2.154 netmask 255.255.255.252 broadcast 10.225.2.155
    ether 00:90:27:ef:6f:dc txqueuelen 1000 (Ethernet)
    RX packets 51563 bytes 6356376 (6.0 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 40202 bytes 11168158 (10.6 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 10.225.176.1 netmask 255.255.255.0 broadcast 10.225.176.255
    ether 00:90:27:ef:6f:dd txqueuelen 1000 (Ethernet)
    RX packets 42722 bytes 11802211 (11.2 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 57271 bytes 14314447 (13.6 MiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
    device interrupt 17 memory 0xfe9e0000-fea00000
```



4 – Teste de Velocidade -Download/Upload

