



TERMO DE ACEITE TÉCNICO

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

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Orgão: SEDUC	Unidade: SEDUC - Murici dos Portelas	Data Instalação 17/10/2018	Data Ativação 17/10/2018
Operadora Global Eagle	VSAT-ID ATI-ES-0138-IND	Porta kbps 4096/512	Tipo Indoor

Piauí, 17 de outubro de 2018

1 – Local da Instalação



2 – Configurações do Modem

device show

System Information:

Name : ATI-ES-0138-IND
 Location : MURICI DOS PORTELAS- PI
 Contact :
 System Up time : 0 days, 02:04:15
 CPU Load : 37%
 System time(UTC) : 17 October 2018 19:25:12
 Broadcast Message : not set

HW:

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

MAC addresses:

LAN : 00:20:0e:10:87:49
 Satellite (DVB) : 00:20:0e:10:87:49

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
 Default CW Frequency: 0.000000 GHz
 ATM mode : VC-Mux
 Header Compression : None

Satellite (DVB) Transmitter Status

 State : On (DVB-RCS2)
 IDU Output Power : -19.9 dBm
 Es/No : 13.5 dB
 Header Compression : Disabled
 Timing correction : -45 us (249730 us)
 Frequency correction: 380 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 : 11.628137 GHz
 Symbol Rate : 25.000580 Msps
 S2 ModCod
 - receiving : 15 8PSK-5/6
 - 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 : 13.7 dB
 Input Power : -38 dBm

arp show

NetAddr	State	MacAddr	If
10.225.2.50	Dynamic	00:90:27:f0:88:88	1

ip show

Interfaces

If	IPAddress	SubnetMask	BroadCastAddr	MTU	Alias	AdminStatus
1	10.225.2.49	255.255.255.252	10.225.2.51	1500	eth0	1
3	172.18.192.179	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	380541	1280	585	139103618	637573	184	0	783444724	
3	616309	0	0	789259470	161896	0	36	123484874	
4	0	0	0	0	0	0	0	0	

IP	Receive	Deliver	Errors	InDiscards	Forward	Request	NoRoute	OutDiscards
	998040	2489	0	0	800569	1948	187	187

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
10.225.2.48	255.255.255.252	0.0.0.0	1	LOCAL	ACTIVE
10.225.150.0	255.255.255.0	10.225.2.50	1	STATIC	ACTIVE
172.18.192.179	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	10.225.2.50/30	-	Física	WAN	 
	 eth1	10.225.150.1/24	-	Física	LAN	 
	 eth2	-	-	Física	-	 
	 eth3	-	-	Física	-	 

```

eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 10.225.2.50 netmask 255.255.255.252 broadcast 10.225.2.51
    ether 00:90:27:f0:88:88 txqueuelen 10000 (Ethernet)
    RX packets 7002 bytes 1367533 (1.3 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 6755 bytes 5061671 (4.8 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 10.225.150.1 netmask 255.255.255.0 broadcast 10.225.150.255
    ether 00:90:27:f0:88:89 txqueuelen 10000 (Ethernet)
    RX packets 10611 bytes 1776284 (1.6 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 9788 bytes 7709380 (7.3 MiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
    device interrupt 17 memory 0xfe9e0000-fea00000

```



4 – Teste de Velocidade -Download/Upload

