



TERMO DE ACEITE TÉCNICO

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

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Orgão: SEDUC

Unidade: SEDUC - Marcos Parente

Data Instalação

09/10/2018

Data Ativação

09/10/2018

Operadora
Global Eagle

VSAT-ID
ATI-PU-0017-IND

Porta kbps
4096/512

Tipo
indoor

Piauí, 09 de Outubro de 2018

1 – Local da Instalação



2 – Configurações do Modem

device show

System Information:

Name : ATI-PU-0017-OUT
 Location : Marcos Parente PI
 Contact :
 System Up time : 0 days, 03:07:07
 CPU Load : 47%
 System time(UTC) : 09 October 2018 17:48:25
 Broadcast Message : not set

HW:

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

MAC addresses:

LAN : 00:20:0e:10:9c:86
 Satellite (DVB) : 00:20:0e:10:9c:86

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 : -20.0 dBm
 Es/No : 15.5 dB
 Header Compression : Disabled
 Timing correction : -112 us (250666 us)
 Frequency correction: 370 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 : 11.628115 GHz
 Symbol Rate : 24.999902 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 : 15.3 dB
 Input Power : -36 dBm
 # arp show

NetAddr	State	MacAddr	If
10.225.1.26	Dynamic	00:90:27:ef:6e:98	1

ip show

Interfaces

If	IPAddress	SubnetMask	BroadCastAddr	MTU	Alias	AdminStatus
1	10.225.1.25	255.255.255.252	10.225.1.27	1500	eth0	1
3	172.18.192.142	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	680486	1	26	211899770	1136972	110	0	1371671599
3	1108184	0	35	1405541704	307676	0	1768	182938781
4	0	0	0	0	0	0	0	0

IP	Receive	Deliver	Errors	InDiscards	Forward	Request	NoRoute	OutDiscards
1788310	360	0	0	1446901	651	0	63	

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
10.225.1.24	255.255.255.252	0.0.0.0	1	LOCAL	ACTIVE
10.225.80.0	255.255.255.0	10.225.1.26	1	STATIC	ACTIVE
172.18.192.142	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	10.225.1.26/30	-	Física	WAN	
	eth1	10.225.80.1/24	-	Física	LAN	
	eth2	-	-	Física	-	
	eth3	-	-	Física	-	

```
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 10.225.1.26 netmask 255.255.255.252 broadcast 10.225.1.27
    ether 00:90:27:ef:6e:98 txqueuelen 10000 (Ethernet)
    RX packets 37040 bytes 33906105 (32.3 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 30341 bytes 9972116 (9.5 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 10.225.80.1 netmask 255.255.255.0 broadcast 10.225.80.255
    ether 00:90:27:ef:6e:99 txqueuelen 10000 (Ethernet)
    RX packets 34716 bytes 10535176 (10.0 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 42202 bytes 40539718 (38.6 MiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
    device interrupt 17 memory 0xfe9e0000-fea00000
```



4 – Teste de Velocidade -Download/Upload

