



TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Jefferson Marques

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Responsável/cliente: FABIO ALVES PINDAIBA

Orgão: SEDUC

Unidade: SEDUC - Bonfim do Piauí

Localidade: 9°10'10.00"S - 42°52'23.00"W

Data Instalação

23/10/2018

Data Ativação

23/10/2018

Operadora
Global Eagle

VSAT-ID
ATI-ES-0154-IND

Porta kbps
4096/512

Tipo
indoor

Piauí, 23 de Outubro de 2018

1 – Local da Instalação



2 – Configurações do Modem

device show

System Information:

Name : ATI-ES-0154-IND
 Location : Bonfim do Piauí - PI
 Contact :
 System Up time : 0 days, 20:59:05
 CPU Load : 49%
 System time(UTC) : 24 October 2018 14:14:16
 Broadcast Message : not set

HW:

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

MAC addresses:

LAN : 00:20:0e:10:87:43
 Satellite (DVB) : 00:20:0e:10:87:43

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 : -18.2 dBm
 Es/No : 13.5 dB
 Header Compression : Disabled
 Timing correction : -278 us (250496 us)
 Frequency correction: 310 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 : 11.628101 GHz
 Symbol Rate : 25.000044 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 : 14.3 dB
 Input Power : -36 dBm

arp show

NetAddr	State	MacAddr	If
10.225.2.114	Dynamic	00:90:27:ef:70:10	1

ip show

Interfaces

If	IPAddress	SubnetMask	BroadCastAddr	MTU	Alias	AdminStatus
1	10.225.2.113	255.255.255.252	10.225.2.115	1500	eth0	1
3	172.18.192.203	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	591387	3	165	188132958	988494	609	0	1123038055
3	936438	0	420	1133397632	335745	0	72	167422519
4	0	0	0	0	0	0	0	0

IP	Receive	Deliver	Errors	InDiscards	Forward	Request	NoRoute	OutDiscards
1526016	384	0	0	1324532	1262	0	598	

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
10.225.2.112	255.255.255.252	0.0.0.0	1	LOCAL	ACTIVE
10.225.166.0	255.255.255.0	10.225.2.114	1	STATIC	ACTIVE
172.18.192.203	255.255.255.255	0.0.0.0	3	LOCAL	ACTIVE

#

3 – Configurações dos Equipamentos

Configurações de Rede

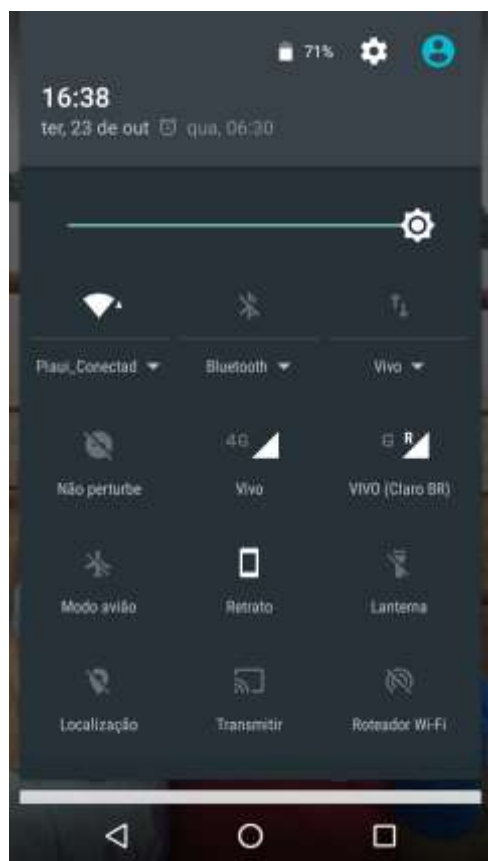
Configurações Interfaces Roteamento Estático Roteamento Dinâmico Configurações IPv6 Controle de Banda H.A.

Status	Interface	Endereço	Gateway	Tipo	Zona	Ação
	eth0	10.225.2.114/30	-	Física	WAN	
	eth1	10.225.166.1/24	-	Física	LAN	
	eth2	-	-	Física	-	
	eth3	-	-	Física	-	

```

eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 10.225.2.114 netmask 255.255.255.252 broadcast 10.225.2.115
    ether 00:90:27:ef:70:10 txqueuelen 10000 (Ethernet)
    RX packets 174 bytes 40482 (39.5 KiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 157 bytes 24476 (23.9 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 10.225.166.1 netmask 255.255.255.0 broadcast 10.225.166.255
    ether 00:90:27:ef:70:11 txqueuelen 10000 (Ethernet)
    RX packets 570 bytes 72777 (71.0 KiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 157 bytes 35405 (34.5 KiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
    device interrupt 17 memory 0xfe9e0000-fea00000
  
```



4 – Teste de Velocidade -Download/Upload

