



TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Guilherme Cunha

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Responsável/cliente:

Orgão: SEDUC

Data Instalação
01/11/2018

Data Ativação
01/11/2018

Unidade: Unidade Escolar
Professor José Tibúrcio

Município: Betânia do Piauí

Coordenadas: 08°08'55.04"S 40°47'39.82"W

Operadora
Global Eagle

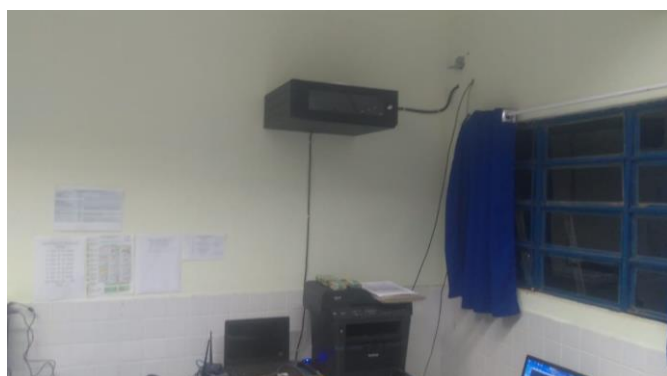
VSAT-ID
ATI-ES-0145-IND

Porta kbps
1024/256

Tipo
Indoor

Piauí, 01 de novembro de 2018

1 – Local da Instalação



2 – Configurações do Modem

device show

System Information:

Name : ATI-ES-0145-IND
Location : Betânia do Piauí - PI
Contact :
System Up time : 0 days, 09:50:44
CPU Load : 10%
System time(UTC) : 02 November 2018 08:48:14
Broadcast Message : not set

HW:

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

MAC addresses:

LAN : 00:20:0e:10:87:84
Satellite (DVB) : 00:20:0e:10:87:84

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 : -18.1 dBm
Es/No : 13.0 dB
Header Compression : Disabled
Timing correction : -172 us (249665 us)
Frequency correction: 60 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 : 11.628088 GHz
Symbol Rate : 25.000226 Msps
S2 ModCod
- receiving : 1 QPSK-1/4
- current max : 21 16APSK-5/6
Pilot : On
Frame length : Short
DVB S2 Mode : ACM
DVB S2 Stream type : MPEG-TS
Roll off : 0.25
SNR : 16.2 dB
Input Power : -34 dBm

arp show

NetAddr	State	MacAddr	If
10.225.2.78	Dynamic	00:90:27:f0:8b:14	1

ip show

Interfaces

If	IPAddress	SubnetMask	BroadCastAddr	MTU	Alias	AdminStatus
1	10.225.2.77	255.255.255.252	10.225.2.79	1500	eth0	1
3	172.18.192.230	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	119363	1	1086	46535981	148433	308	1	72552177
3	134256	0	185	74551478	105313	0	188	43755263
4	0	0	0	0	0	0	0	0

IP	Receive	Deliver	Errors	InDiscards	Forward	Request	NoRoute	OutDiscards
	253540	5161	0	0	254600	7026	0	466

Interface Directed Routing Table

In If Out If

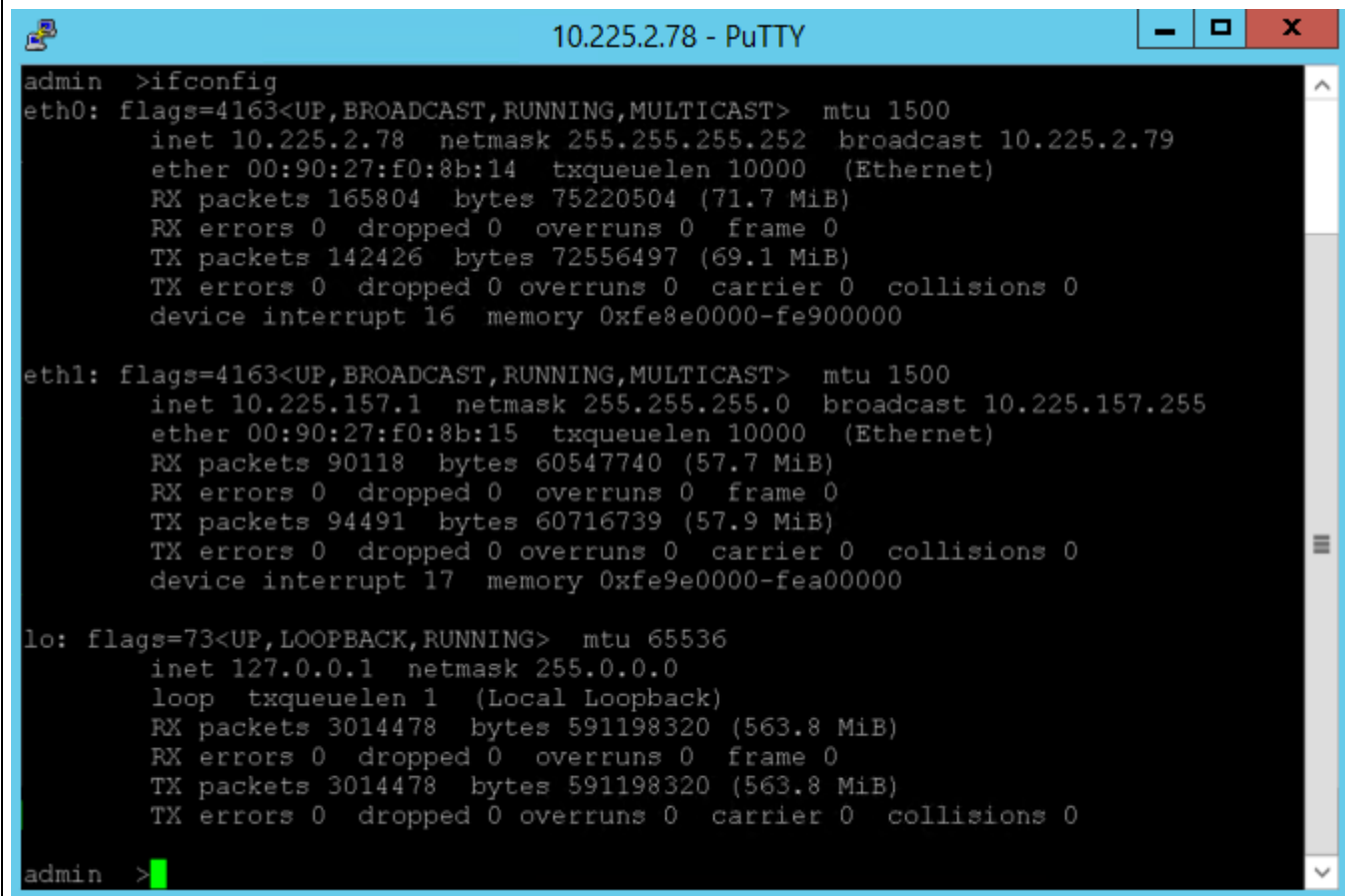
-----IP LAC Statistics-----

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
10.225.2.76	255.255.255.252	0.0.0.0	1	LOCAL	ACTIVE
10.225.157.0	255.255.255.0	10.225.2.78	1	STATIC	ACTIVE
172.18.192.230	255.255.255.255	0.0.0.0	3	LOCAL	ACTIVE

3 – Configurações dos Equipamentos



```
admin > ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 10.225.2.78 netmask 255.255.255.252 broadcast 10.225.2.79
    ether 00:90:27:f0:8b:14 txqueuelen 10000 (Ethernet)
    RX packets 165804 bytes 75220504 (71.7 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 142426 bytes 72556497 (69.1 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 10.225.157.1 netmask 255.255.255.0 broadcast 10.225.157.255
    ether 00:90:27:f0:8b:15 txqueuelen 10000 (Ethernet)
    RX packets 90118 bytes 60547740 (57.7 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 94491 bytes 60716739 (57.9 MiB)
    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 3014478 bytes 591198320 (563.8 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 3014478 bytes 591198320 (563.8 MiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

admin >
```

Wi-Fi



Ativado



Piaui_Conectado

Desconectado



TIBURCIO

Salva



AndroidAP

Salva



RAPIDEX 2



4 – Teste de Velocidade -Download/Upload

