



TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Pedro Bernardes

Técnico Instalador: Osvaldo Costa Oliveira

Contato: 86 9 9802 4522

Email: costa-osvaldo@hotmail.com

ATI: Wesley Souza

Responsável/cliente: SEVERINO FRANCISCO

Orgão: SEDUC	Unidade: Unidade Escolar Chico Noca	Data Instalação 11/10/2018	Data Ativação 11/10/2018
Operadora Global Eagle	VSAT-ID ATI-ES-0096-IND	Porta kbps 4096/512	Tipo Indoor

Piauí, 11 de outubro de 2018

1 – Local da Instalação



2 – Configurações do Modem

device show

System Information:

Name : ATI-ES-0096-IND
Location : Miguel Alves - PI
Contact :
System Up time : 0 days, 01:09:14
CPU Load : 47%
System time(UTC) : 11 October 2018 15:55:11
Broadcast Message : not set

HW:

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

MAC addresses:

LAN : 00:20:0e:10:86:17
Satellite (DVB) : 00:20:0e:10:86:17

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 : -20.2 dBm
Es/No : 13.5 dB
Header Compression : Disabled
Timing correction : -195 us (249961 us)
Frequency correction: 220 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 : 11.628167 GHz
Symbol Rate : 25.000389 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 : 14.1 dB
Input Power : -38 dBm

arp show

NetAddr	State	MacAddr	If
10.225.2.14	Dynamic	ec:f4:bb:fb:46:15	1

ip show

Interfaces

If	IPAddress	SubnetMask	BroadCastAddr	MTU	Alias	AdminStatus
1	10.225.2.13	255.255.255.252	10.225.2.15	1500	eth0	1
3	172.18.192.155	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	152284	128	452	16884644	279623	51	0	363267141
3	277430	0	721	365796628	56923	0	0	10298817
4	0	0	0	0	0	0	0	0

IP	Receive	Deliver	Errors	InDiscards	Forward	Request	NoRoute	OutDiscards
	429719	283	0	0	337942	284	4	1125

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
10.225.2.12	255.255.255.252	0.0.0.0	1	LOCAL	ACTIVE
10.225.141.0	255.255.255.0	10.225.2.14	1	STATIC	ACTIVE
172.18.192.155	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.

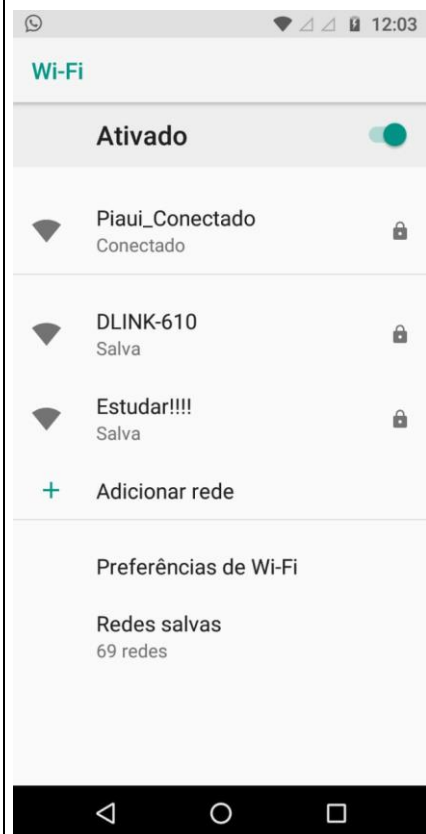
Status	Interface	Endereço	Gateway	Tipo	Zona	Ação
	 eth0	10.225.2.14/30	-	Física	WAN	 
	 eth1	10.225.141.1/24	-	Física	LAN	 
	 eth2	-	-	Física	-	 
	 eth3	-	-	Física	-	 

```
admin >ifconfig
```

```
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 10.225.2.14 netmask 255.255.255.252 broadcast 10.225.2.15
    ether 00:90:27:f0:31:92 txqueuelen 10000 (Ethernet)
    RX packets 218259 bytes 279843327 (266.8 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 120851 bytes 14405447 (13.7 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 10.225.141.1 netmask 255.255.255.0 broadcast 10.225.141.255
    ether 00:90:27:f0:31:93 txqueuelen 10000 (Ethernet)
    RX packets 123662 bytes 14860059 (14.1 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 224134 bytes 285304834 (272.0 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 55874 bytes 38684171 (36.8 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 55874 bytes 38684171 (36.8 MiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
```



4 – Teste de Velocidade -Download/Upload

