



TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Pedro Bernardes

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Orgão: SEDUC	Unidade: Unidade Escolar Estado do Acre	Data Instalação 01/10/2018	Data Ativação 01/10/2018
Operadora Global Eagle	VSAT-ID ATI-ES-0091-IND	Porta kbps 4096/512	Tipo Indoor

Piauí, 01 de outubro de 2018

1 – Local da Instalação



2 – Configurações do Modem

device show

System Information:

Name : ATI-ES-0091-IND
Location : Miguel Leão -PI
Contact :
System Up time : 0 days, 00:01:01
CPU Load : 24%
System time(UTC) : 01 October 2018 20:04:58
Broadcast Message : not set

HW:

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

MAC addresses:

LAN : 00:20:0e:10:85:ed
Satellite (DVB) : 00:20:0e:10:85:ed

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 : 14.5 dB
Header Compression : Disabled
Timing correction : -56 us (250101 us)
Frequency correction: 330 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 : 11.628083 GHz
Symbol Rate : 24.999725 Msps
S2 ModCod

- receiving : 1 QPSK-1/4
- current max : 14 8PSK-3/4

Pilot : On
Frame length : Short
DVB S2 Mode : ACM
DVB S2 Stream type : MPEG-TS
Roll off : 0.25
SNR : 10.5 dB
Input Power : -37 dBm

arp show

NetAddr	State	MacAddr	If
10.225.0.194	Dynamic	00:0b:ab:f5:c9:e0	1

ip show

Interfaces

If	IPAddress	SubnetMask	BroadCastAddr	MTU	Alias	AdminStatus
1	10.225.0.193	255.255.255.252	10.225.0.195	1500	eth0	1
3	172.18.192.73	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	51	1	9	12633	38	5	0	4255
3	203	0	2	14579	243	0	0	22377
4	0	0	0	0	0	0	0	0

IP	Receive	Deliver	Errors	InDiscards	Forward	Request	NoRoute	OutDiscards
	254	170	0	0	304	208	0	13

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
10.225.0.192	255.255.255.252	0.0.0.0	1	LOCAL	ACTIVE
10.225.58.0	255.255.255.0	10.225.0.194	1	STATIC	ACTIVE
172.18.192.73	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

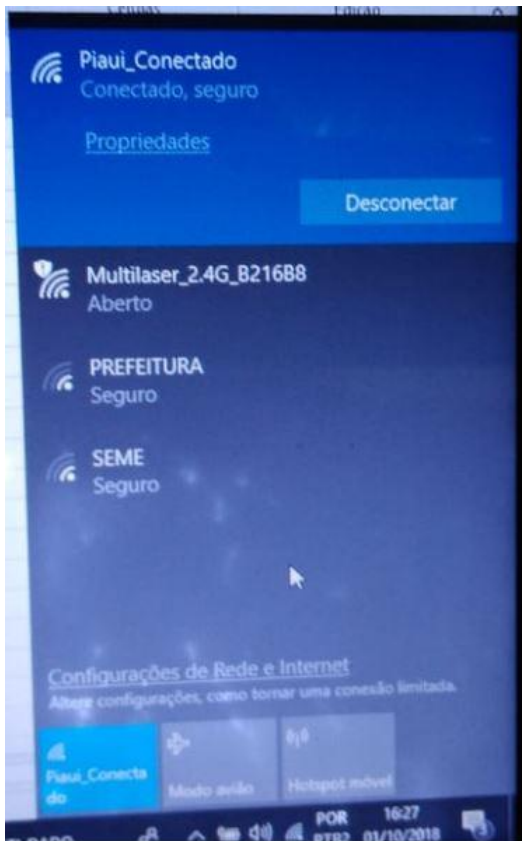
H.A.

Status	Interface	Endereço	Gateway	Tipo	Zona	Ação
	eth0	10.225.0.194/30	-	Física	WAN	
	eth1	10.225.58.1/24	-	Física	LAN	
	eth2	-	-	Física	-	
	eth3	-	-	Física	-	

```
admin >ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 10.225.0.194 netmask 255.255.255.252 broadcast 10.225.0.195
    ether 00:0b:ab:f5:c9:e0 txqueuelen 10000 (Ethernet)
    RX packets 222505 bytes 308722503 (294.4 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 115651 bytes 6304808 (6.0 MiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
    device memory 0xd0900000-d091ffff

eth1: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 10.225.58.1 netmask 255.255.255.0 broadcast 10.225.58.255
    ether 00:0b:ab:f5:c9:e1 txqueuelen 10000 (Ethernet)
    RX packets 8030 bytes 1900218 (1.8 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 20125 bytes 24124734 (23.0 MiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
    device memory 0xd0800000-d081ffff

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 507684 bytes 91459470 (87.2 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 507684 bytes 91459470 (87.2 MiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
```



4 – Teste de Velocidade -Download/Upload

