



TERMO DE ACEITE TÉCNICO

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

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Orgão: SEDUC **Unidade:** Unidade Escolar Firmino Rodrigues Sobreira

Data Instalação
03/10/2018

Data Ativação
03/10/2018

Operadora
Global Eagle

VSAT-ID
ATI-ES-0126-IND

Porta kbps
4096/512

Tipo
Indoor

Piauí, 03 de outubro de 2018

1 – Local da Instalação



2 – Configurações do Modem

device show

System Information:

Name : ATI-ES-0126-IND
Location : PI
Contact :
System Up time : 0 days, 14:40:34
CPU Load : 17%
System time(UTC) : 04 October 2018 13:16:08
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:d8
Satellite (DVB) : 00:20:0e:10:86:d8

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 : -19.8 dBm
Es/No : 15.0 dB
Header Compression : Disabled
Timing correction : -241 us (249945 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 : 11.628117 GHz
Symbol Rate : 24.999441 Msps
S2 ModCod
- receiving : 1 QPSK-1/4
- current max : 15 8PSK-5/6
Pilot : On
Frame length : Short
DVB S2 Mode : ACM
DVB S2 Stream type : MPEG-TS
Roll off : 0.25
SNR : 12.7 dB
Input Power : -40 dBm
arp show

NetAddr State MacAddr If
10.225.1.218 Dynamic 00:90:27:f0:2e:fe 1

ip show

Interfaces

If	IPAddress	SubnetMask	BroadCastAddr	MTU	Alias	AdminStatus
1	10.225.1.217	255.255.255.252	10.225.1.219	1500	eth0	1
3	172.18.192.91	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 145843 134 0 22430273 421338 439 0 523156968
3 420968 0 0 528146894 102684 0 0 18293846
4 0 0 0 0 0 0 0 0
IP Receive Deliver Errors InDiscards Forward Request NoRoute OutDiscards
565179 6011 0 0 522580 6308 84 90

Interface Directed Routing Table

In If Out If

-----IP LAC Statistics-----
RPF Src eq dest RPF HitCount SrceqdestHitCount 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
10.225.1.216	255.255.255.252	0.0.0.0	1	LOCAL	ACTIVE
10.225.128.0	255.255.255.0	10.225.1.218	1	STATIC	ACTIVE
172.18.192.91	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	10.225.1.218/30	-	Física	WAN	
	eth1	10.225.128.1/24	-	Física	LAN	
	eth2	-	-	Física	-	
	eth3	-	-	Física	-	

```
admin >ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 10.225.1.218 netmask 255.255.255.252 broadcast 10.225.1.219
    ether 00:90:27:f0:2e:fe txqueuelen 10000 (Ethernet)
    RX packets 106 bytes 7117 (6.9 KiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 794 bytes 51827 (50.6 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 10.225.128.1 netmask 255.255.255.0 broadcast 10.225.128.255
    ether 00:90:27:f0:2e:ff txqueuelen 10000 (Ethernet)
    RX packets 3865 bytes 519066 (506.9 KiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 4968 bytes 5933738 (5.6 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 67450 bytes 48361882 (46.1 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 67450 bytes 48361882 (46.1 MiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
```

Troca de rede inteligente

Alterna automaticamente entre Wi-Fi e redes m3veis e tamb3m entre bandas de 2,4 GHz e 5 GHz, para manter uma conex3o est3vel com a Internet.



Redes Wi-Fi

Procurando...



Piaui_Conectado

Conectado



EMATER

Salvo, Protegida



Frigobar-sta-maria

Protegida

Shon Cid, Sao Paulo

4 – Teste de Velocidade -Download/Upload

Graph (Username: ATI-ES-0126-IND)

