



TERMO DE ACEITE TÉCNICO

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

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Orgão: SEDUC	Unidade: Unidade Escolar São José (Campo Largo)	Data Instalação 16/10/2018	Data Ativação 16/10/2018
Operadora Global Eagle	VSAT-ID ATI-ES-0140-IND	Porta kbps 4096/512	Tipo Indoor

Piauí, 16 de Outubro de 2018

1 – Local da Instalação



2 – Configurações do Modem

device show

System Information:

Name : ATI-ES-0140-IND

Location : Campo Largo do Piauí - PI

Contact :
System Up time : 0 days, 09:06:09
CPU Load : 8%
System time(UTC) : 19 October 2018 08:17:06
Broadcast Message : not set

HW:

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

MAC addresses:

LAN : 00:20:0e:10:89:14
Satellite (DVB) : 00:20:0e:10:89:14

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 : 14.5 dB
Header Compression : Disabled
Timing correction : -179 us (249943 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[Msp]	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 : 11.628078 GHz
Symbol Rate : 25.000051 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 : 14.9 dB

Input Power : -34 dBm

arp show

NetAddr	State	MacAddr	If
10.225.2.58	Dynamic	00:90:27:f0:85:94	1

ip show

Interfaces

If	IPAddress	SubnetMask	BroadCastAddr	MTU	Alias	AdminStatus
1	10.225.2.57	255.255.255.252	10.225.2.59	1500	eth0	1
3	172.18.192.178	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	6085	7	126	1831421	5791	267	0	548532
3	7309	0	23	734151	7645	0	0	2058171
4	0	0	0	0	0	0	0	0

IP	Receive	Deliver	Errors	InDiscards	Forward	Request	NoRoute	OutDiscards
	12822	2398	0	0	13034	2845	0	156

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
10.225.2.56	255.255.255.252	0.0.0.0	1	LOCAL	ACTIVE
10.225.152.0	255.255.255.0	10.225.2.58	1	STATIC	ACTIVE
172.18.192.178	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 10.225.2.58 netmask 255.255.255.252 broadcast 10.225.2.59
      ether 00:90:27:f0:85:94 txqueuelen 10000 (Ethernet)
      RX packets 43 bytes 4238 (4.1 KiB)
      RX errors 0 dropped 0 overruns 0 frame 0
      TX packets 53 bytes 6084 (5.9 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 10.225.152.1 netmask 255.255.255.0 broadcast 10.225.152.255
      ether 00:90:27:f0:85:95 txqueuelen 1000 (Ethernet)
      RX packets 2301 bytes 465655 (454.7 KiB)
      RX errors 0 dropped 0 overruns 0 frame 0
      TX packets 5393 bytes 6542142 (6.2 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 71490 bytes 28024580 (26.7 MiB)
     RX errors 0 dropped 0 overruns 0 frame 0
     TX packets 71490 bytes 28024580 (26.7 MiB)
     TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
```

Configurações de Rede

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

Status	Interface	Endereço	Gateway	Tipo	Zona	Ação
	eth0	10.225.2.58/30	-	Física	WAN	
	eth1	10.225.152.1/24	10.225.152.1	Física	LAN	
	eth2	-	-	Física	-	
	eth3	-	-	Física	-	

4 – Teste de Velocidade

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