



TERMO DE ACEITE TÉCNICO

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

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Orgão: SEDUC

Unidade: SEDUC – Agricolândia

Data Instalação

04/10/2018

Data Ativação

04/10/2018

Operadora
Global Eagle

VSAT-ID
ATI-ES-0122-IND

Porta kbps
4096/512

Tipo
Indoor

Piauí, 04 de Outubro de 2018

1 – Local da Instalação



2 – Configurações do Modem

device show

System Information:

Name : ATI-ES-0122-IND
 Location : Agricolandia PI
 Contact :
 System Up time : 0 days, 01:27:46
 CPU Load : 25%
 System time(UTC) : 04 October 2018 16:04:38
 Broadcast Message : not set

HW:

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

MAC addresses:

LAN : 00:20:0e:10:88:e2
 Satellite (DVB) : 00:20:0e:10:88:e2

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 : 14.0 dB
 Header Compression : Disabled
 Timing correction : -194 us (250082 us)
 Frequency correction: 300 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 : 11.628206 GHz
 Symbol Rate : 25.000221 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 : 12.3 dB
 Input Power : -36 dBm

arp show

NetAddr	State	MacAddr	If
10.225.1.202	Dynamic	00:90:27:f0:87:58	1

ip show

Interfaces

If	IPAddress	SubnetMask	BroadCastAddr	MTU	Alias	AdminStatus
1	10.225.1.201	255.255.255.252	10.225.1.203	1500	eth0	1
3	172.18.192.92	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	50259	0	1	17497660	60112	48	0	43952035	
3	49987	0	1	44437835	31777	0	0	15905873	
4	0	0	0	0	0	0	0	0	

IP	Receive	Deliver	Errors	InDiscards	Forward	Request	NoRoute	OutDiscards
	100071	593	0	0	92129	710	0	8

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
10.225.1.200	255.255.255.252	0.0.0.0	1	LOCAL	ACTIVE
10.225.124.0	255.255.255.0	10.225.1.202	1	STATIC	ACTIVE
172.18.192.92	255.255.255.255	0.0.0.0	3	LOCAL	ACTIVE

















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3 – Configurações dos Equipamentos

```
admin >ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 10.225.1.202 netmask 255.255.255.252 broadcast 10.225.1.203
    ether 00:90:27:f0:87:58 txqueuelen 10000 (Ethernet)
    RX packets 1036 bytes 255886 (249.8 KiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 1163 bytes 276251 (269.7 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 10.225.124.1 netmask 255.255.255.0 broadcast 10.225.124.255
    ether 00:90:27:f0:87:59 txqueuelen 10000 (Ethernet)
    RX packets 4760 bytes 790389 (771.8 KiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 6065 bytes 6200679 (5.9 MiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
    device interrupt 17 memory 0xfe9e0000-fea00000
```

Configurações de Rede

Configurações	Interfaces	Roteamento Estático	Roteamento Dinâmico	Configurações IPv6	Controle de Banda	H.A.
<div>+</div> <div>-</div>						
Status	Interface	Endereço	Gateway	Tipo	Zona	Ação
	 eth0	10.225.1.202/30	-	Física	WAN	 
	 eth1	10.225.124.1/24	-	Física	LAN	 
	 eth2	-	-	Física	-	 
	 eth3	-	-	Física	-	 



4 – Teste de Velocidade -Download/Upload

