



TERMO DE ACEITE TÉCNICO

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

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Orgão: SEDUC

Unidade: Seduc – Pau D'arco

Data Instalação

25/09/2018

Data Ativação

25/09/2018

Operadora
Global Eagle

VSAT-ID
ATI-ES-0094-IND

Porta kbps
4096/512

Tipo
Indoor

Piauí, 25 de setembro de 2018

1 – Local da Instalação



2 – Configurações do Modem

device show

System Information:

Name : ATI-ES-0094-IND
 Location : PAU D ARCO PI
 Contact :
 System Up time : 1 day, 23:34:57
 CPU Load : 16%
 System time(UTC) : 27 September 2018 20:37:01
 Broadcast Message : not set

HW:

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

MAC addresses:

Ethernet (LAN) : 00:20:0e:10:8c:1c
 Satellite (DVB) : 00:20:0e:10:8c:1c

dvb tx show

Satellite (DVB) TX Configuration

 Auto start : Enabled
 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 : -20.1 dBm
 Es/No : 15.0 dB
 Header Compression : Disabled
 Timing correction : -63 us (249946 us)
 Frequency correction: 330 Hz
 # dvb rx show

Satellite (DVB) RX Configuration

 Auto start : Enabled
 Max Traffic MODCOD : 23 16APSK-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 : 11.628108 GHz

Symbol Rate : 25.000092 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 : 13.1 dB

Input Power : -30 dBm

arp show

NetAddr	State	MacAddr	If
10.225.0.46	Dynamic	00:90:27:f0:2f:12	1

ip show

Interfaces

If	IPAddress	SubnetMask	BroadCastAddr	MTU	Alias	AdminStatus
1	10.225.0.45	255.255.255.252	10.225.0.47	1500	eth0	1
3	172.18.192.65	255.255.255.255	N/A	1500	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	535157	0	258	93132038	862159	1371	0	918702029
3	859850	0	0	936401446	316743	0	0	73477223
4	0	0	0	0	0	0	0	0

IP	Receive	Deliver	Errors	Discards	Forward	Request	NoRoute	Discards
1391231	339	0	0	1175027	1744	0	273	

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
0.0.0.0	0.0.0.0	0.0.0.0	3	STATIC
10.225.0.44	255.255.255.252	0.0.0.0	1	LOCAL
10.225.21.0	255.255.255.0	10.225.0.46	1	STATIC
172.18.192.65	255.255.255.255	0.0.0.0	3	LOCAL

#

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	10.225.0.46/30	-	Física	WAN	
	eth1	10.225.21.1/24	-	Física	LAN	
	eth2	-	-	Física	-	
	eth3	-	-	Física	-	

admin >ifconfig

```
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 10.225.0.46 netmask 255.255.255.252 broadcast 10.225.0.47
    ether 00:90:27:f0:2f:12 txqueuelen 10000 (Ethernet)
    RX packets 147 bytes 45109 (44.0 KiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 331 bytes 34320 (33.5 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 10.225.21.1 netmask 255.255.255.0 broadcast 10.225.21.255
    ether 00:90:27:f0:2f:13 txqueuelen 10000 (Ethernet)
    RX packets 4296 bytes 933646 (911.7 KiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 9435 bytes 11252446 (10.7 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 247196 bytes 60568138 (57.7 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 247196 bytes 60568138 (57.7 MiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
```



