

TERMO DE ACEITE TÉCNICO

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

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Orgão: ATI - Agência de Tecnologia da Informação

Data Instalação
22/11/2018

Data Ativação
22/11/2018

Unidade: Ponto 1 (Bom Jesus)

Município: Bom Jesus

Coordenadas: 5°8'25.00"S 42°47'10.00"W

Operadora
Global Eagle

VSAT-ID
ATI-OU-0210-OUT

Porta kbps
1024/256

Tipo
Outdoor

Piauí, 22 de Novembro de 2018

1 – Local da Instalação



2 – Configurações do Modem

device show

System Information:

Name : ATI-OU-0210-OUT
Location : São Gonçalo do Gurgueia- PI
Contact :
System Up time : 0 days, 02:28:16
CPU Load : 59%
System time(UTC) : 22 November 2018 19:18:07
Broadcast Message : not set

HW:

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

MAC addresses:

LAN : 00:20:0e:10:93:e5
Satellite (DVB) : 00:20:0e:10:93:e5

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/s]	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 : 24.999691 Msp/s
S2 ModCod
- receiving : 1 QPSK-1/4
- current max : 21 16APSK-5/6
Pilot : On
Frame length : Short
DVB S2 Mode : ACM
DVB S2 Stream type : MPEG-TS
Roll off : 0.25
SNR : 16.6 dB
Input Power : -35 dBm
dvb tx show

Satellite (DVB) TX Configuration

Auto start : Enabled
BUPC status : Disabled

IDU Output Power : -18 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 : -18.1 dBm
Es/No : 13.5 dB
Header Compression : Disabled
Timing correction : -44 us (251030 us)
Frequency correction: 360 Hz

arp show

NetAddr	State	MacAddr	If
10.225.3.82	Dynamic	00:90:27:ef:6e:30	1

ip show

Interfaces

If	IPAddress	SubnetMask	BroadCastAddr	MTU	Alias	AdminStatus
1	10.225.3.81	255.255.255.252	10.225.3.83	1500	eth0	1
3	172.18.193.24	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	36234	542	639	16566383	51298	103	0	52888659
3	51269	0	73	56327236	26361	0	0	15687869
4	0	0	0	0	0	0	0	0

IP Receive Deliver Errors InDiscards Forward Request NoRoute OutDiscards

87904	2236	0	0	77806	1990	158	295
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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
10.225.3.80	255.255.255.252	0.0.0.0	1	LOCAL	ACTIVE
10.225.222.0	255.255.255.0	10.225.3.82	1	STATIC	ACTIVE
172.18.193.24	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	10.225.3.82/30	-	Física	WAN	
	eth1	10.225.222.1/24	-	Física	LAN	
	eth2	-	-	Física	-	
	eth3	-	-	Física	-	

```
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 10.225.3.82 netmask 255.255.255.252 broadcast 10.225.3.83
    ether 00:90:27:ef:6e:30 txqueuelen 10000 (Ethernet)
    RX packets 6171 bytes 5573143 (5.3 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 3705 bytes 640632 (625.6 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 10.225.222.1 netmask 255.255.255.0 broadcast 10.225.222.255
    ether 00:90:27:ef:6e:31 txqueuelen 10000 (Ethernet)
    RX packets 5113 bytes 802687 (783.8 KiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 6552 bytes 5427367 (5.1 MiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
    device interrupt 17 memory 0xfe9e0000-fea00000
```



4 – Teste de Velocidade -Download/Upload

Graph (Username: ATI-OU-0210-OUT)

