



TERMO DE ACEITE TÉCNICO

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

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Orgão: SEDUC

Unidade: Comunidade Nova Santa Rosa

Data Instalação

10/10/2018

Data Ativação

10/10/2018

Operadora
Global Eagle

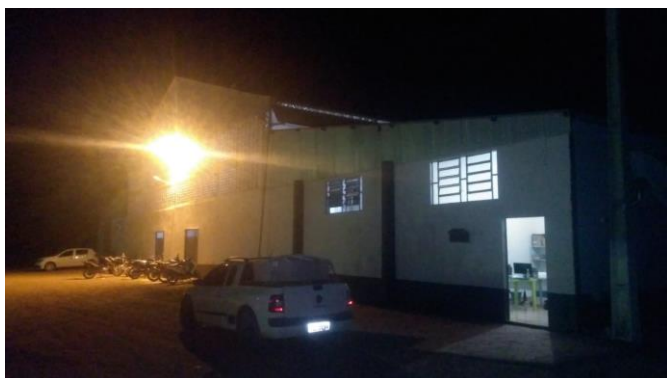
VSAT-ID
ATI-PB-0020-OUT

Porta kbps
4096/512

Tipo
Outdoor

Piauí, 10 de Outubro de 2018

1 – Local da Instalação



2 – Configurações do Modem

device show

System Information:

Name : ATI-PB-0020-OUT

Location : Colônia do Piauí - PI

Contact :
System Up time : 0 days, 04:06:36
CPU Load : 8%
System time(UTC) : 11 October 2018 06:26:42
Broadcast Message : not set

HW:

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

MAC addresses:

LAN : 00:20:0e:10:8b:71
Satellite (DVB) : 00:20:0e:10:8b:71

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 : 16.0 dB
Header Compression : Disabled
Timing correction : -104 us (251015 us)
Frequency correction: 80 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[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 : 11.628004 GHz
Symbol Rate : 24.999764 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 : 15.2 dB

Input Power : -31 dBm

arp show

NetAddr	State	MacAddr	If
10.225.0.234	Dynamic	00:90:27:f0:30:f2	1

ip show

Interfaces

If	IPAddress	SubnetMask	BroadCastAddr	MTU	Alias	AdminStatus
1	10.225.0.233	255.255.255.252	10.225.0.235	1500	eth0	1
3	172.18.192.154	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	2557	0	0	898475	2385	124	0	237688
3	2077	0	2	215604	2430	0	0	804953
4	0	0	0	0	0	0	0	0

IP	Receive	Deliver	Errors	InDiscards	Forward	Request	NoRoute	OutDiscards
	4345	123	0	0	4538	317	0	2

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
10.225.0.232	255.255.255.252	0.0.0.0	1	LOCAL	ACTIVE
10.225.68.0	255.255.255.0	10.225.0.234	1	STATIC	ACTIVE
172.18.192.154	255.255.255.255	0.0.0.0	3	LOCAL	ACTIVE

3 – Configurações dos Equipamentos

```
10.225.0.234 - PuTTY
admin > ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 10.225.0.234 netmask 255.255.255.252 broadcast 10.225.0.235
    ether 00:90:27:f0:30:f2 txqueuelen 10000 (Ethernet)
    RX packets 363022 bytes 457866586 (436.6 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 226708 bytes 75366203 (71.8 MiB)
    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 10.225.68.1 netmask 255.255.255.0 broadcast 10.225.68.255
    ether 00:90:27:f0:30:f3 txqueuelen 10000 (Ethernet)
    RX packets 228399 bytes 75520600 (72.0 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 363471 bytes 457537067 (436.3 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 121004 bytes 87961627 (83.8 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 121004 bytes 87961627 (83.8 MiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

admin >
```

4 – Teste de Velocidade

Download

