



TERMO DE ACEITE TÉCNICO

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

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Orgão: SEDUC

Data Instalação
13/11/2018

Data Ativação
13/11/2018

Unidade: SEDUC - Pio IX

Município: Pio IX

Coordenadas: 6°56'14.00"S 40°28'35.00"W

Operadora
Global Eagle

VSAT-ID
ATI-PB-0191-IND

Porta kbps
1024/256

Tipo
Outdoor

Piauí, 13 de Novembro de 2018

1 – Local da Instalação



2 – Configurações do Modem

device show

System Information:

Name : ATI-PB-0191-OUT
Location : Pio IX - PI
Contact :
System Up time : 0 days, 00:01:02
CPU Load : 57%
System time(UTC) : 13 November 2018 17:49:10
Broadcast Message : not set

HW:

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

MAC addresses:

LAN : 00:20:0e:10:9b:47
Satellite (DVB) : 00:20:0e:10:9b:47

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 : 12.0 dB
Header Compression : Disabled
Timing correction : -116 us (249433 us)
Frequency correction: 350 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/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 : 11.628099 GHz
Symbol Rate : 24.999664 Msps
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 : 14.6 dB
Input Power : -35 dBm

arp show

NetAddr	State	MacAddr	If
10.225.3.6	Dynamic	00:90:27:f0:8c:3c	1

ip show

Interfaces

If	IPAddress	SubnetMask	BroadCastAddr	MTU	Alias	AdminStatus
1	10.225.3.5	255.255.255.252	10.225.3.7	1500	eth0	1
3	172.18.192.239	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	1744	8	0	957673	1654	5	0	500966
3	1648	0	1	485010	1813	0	0	930782
4	0	0	0	0	0	0	0	0

IP	Receive	Deliver	Errors	InDiscards	Forward	Request	NoRoute	OutDiscards
	3396	161	0	0	3515	193	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
10.225.3.4	255.255.255.252	0.0.0.0	1	LOCAL	ACTIVE
10.225.203.0	255.255.255.0	10.225.3.6	1	STATIC	ACTIVE
172.18.192.239	255.255.255.255	0.0.0.0	3	LOCAL	ACTIVE

#

3 – Configurações dos Equipamentos

The image shows two overlapping windows. The top window is the KBIT UTM web interface, displaying the 'Configurações de Rede' (Network Settings) page. The bottom window is a terminal showing the output of the 'ifconfig' command for three network interfaces: eth0, eth1, and lo.

KBIT UTM Web Interface: Configurações de Rede

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

Status	Interface	Endereço	Gateway	Tipo	Zona	Ação
	eth0	10.225.3.6/30	-	Física	WAN	
	eth1	10.225.203.1/24	-	Física	LAN	
	eth2	-	-	Física	-	
	eth3	-	-	Física	-	

Terminal Output:

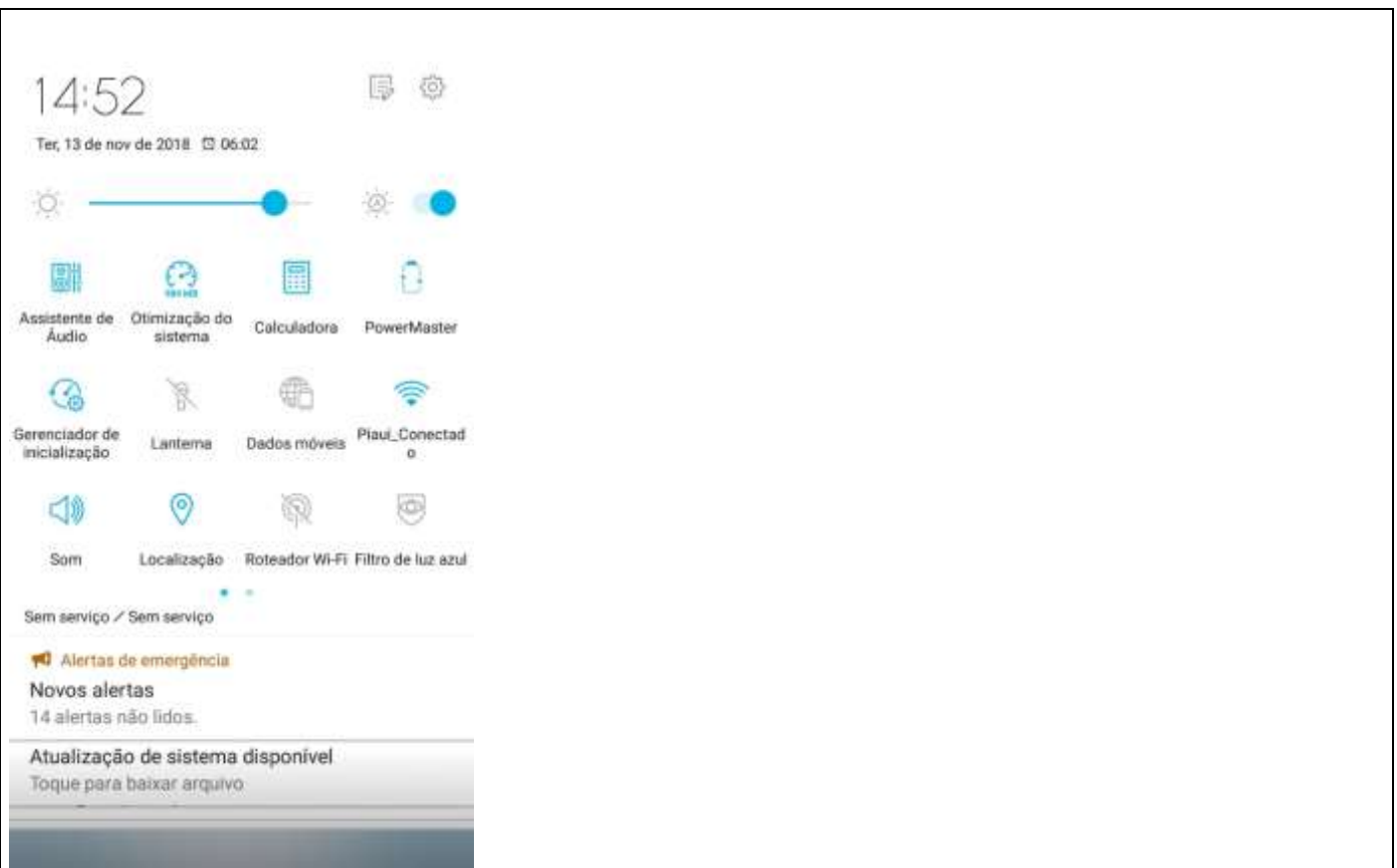
```
Welcome to BlockBit
Type '?' or 'help' to get the list of allowed commands

root@blockbit:~# ifconfig

eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST>  mtu 1500
    inet 10.225.3.6 netmask 255.255.255.252 broadcast 10.225.3.7
    ether 00:90:27:f0:8c:3c txqueuelen 10000  (Ethernet)
    RX packets 10701 bytes 1425330 (1.3 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 10064 bytes 9684372 (9.2 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 10.225.203.1 netmask 255.255.255.0 broadcast 10.225.203.255
    ether 00:90:27:f0:8c:3d txqueuelen 10000  (Ethernet)
    RX packets 677 bytes 91920 (89.7 KiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 14 bytes 2314 (2.2 KiB)
    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
```



4 – Teste de Velocidade -Download/Upload

