



TERMO DE ACEITE TÉCNICO

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

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Orgão: SEDUC
Unidade: Praca José Rêgo

Data Instalação
Data Ativação

Orgão: SEDUCUnidade: Praça José RêgoData Instalação 05/10/2018Data Ativação 05/10/2018OperadoraVSAT-IDPorta kbpsTipoGlobal EagleATI-PB-0088-OUT4024/256Outdoor

Piauí, 05 de Outubro de 2018

1 – Local da Instalação









2 – Configurações do Modem

device show

System Information:

Name : ATI-PB-0088-OUT Location : Miguel Alves - PI

Contact

System Up time : 0 days, 06:06:20

CPU Load : 19%

System time(UTC) : 05 October 2018 20:27:43

Broadcast Message : not set

HW:

Model : SatLink 2000 HW ID : 120033

Main board ID : 120026 R6.2

MAC addresses:

Ethernet (LAN) : 00:20:0e:10:88:b9 Satellite (DVB) : 00:20:0e:10:88:b9

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 : -20.2 dBm

Es/No : 16.0 dB

Header Compression: Disabled Timing correction: -99 us (250057 us)

Frequency correction: 350 Hz

dvb rx show

Satellite (DVB) RX Configuration

Auto start : Enabled

Max Traffic MODCOD : 23 16APSK-9/10

RX watchdog : 15 minute

ldx 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

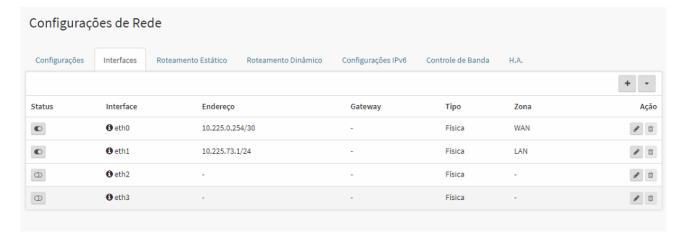
Satellite (DVB) Receiver Status

Rx State : On

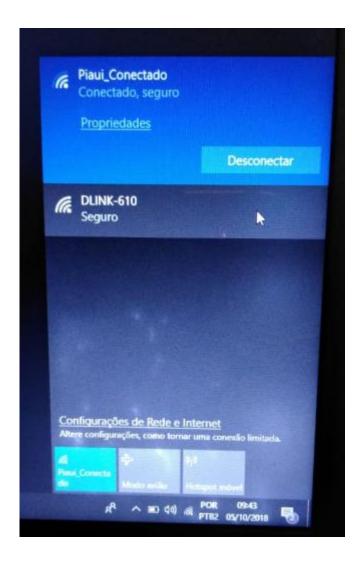
DVB State : Forward link up Network : 1326, ATI-PI : 11.628094 GHz Frequency Symbol Rate : 24.999770 Msps S2 ModCod - receiving : 1 QPSK-1/4 - current max : 16 8PSK-8/9 Pilot : On Frame length : Short : ACM DVB S2 Mode DVB S2 Stream type: MPEG-TS Roll off : 0.25 : 12.4 dB SNR Input Power : -36 dBm # odu show Antenna Type ASC/Andrew/Channel Master Type 123 - 1.2m None Antenna controller Tx Gain at 14.25 GHz 43.3dB Transmitter (BUC) Type Invacom TUL-204 (14.0-14.5 GHz) Local oscillator 13.050000 GHz DC supply 24V On Receiver (LNB) Zinwell ZK-VJ1 (10.70-12.75 GHz) Local oscillator - LO1 9.750000 GHz Local oscillator - LO2 10.600000 GHz Oscillator switching frequency 1-2 11.700000 GHz LO Switching mode 22kHz 13/18V DC supply 13V # ip show Interfaces If IPAddress SubnetMask BroadCastAddr MTU Alias AdminStatus 1 10.225.0.253 255.255.255.252 10.225.0.255 1500 eth0 1 3 172.18.192.112 255.255.255.255 N/A 1500 dvb0 1 N/A N/A N/A 1500 airO 1 4 DNS Client Configuration Primary DNS Server: 209.244.0.3, Secondary DNS Server: 209.244.0.4 Interface Statistics If UCast NUCast Disc Octets UCast NUCast Disc Octets 1 177245 0 259 27251020 321535 181 0 387044956 3 322548 0 0 391732586 99609 0 369 20177699 0 0 0 0 0 0 0 0 IP Receive Deliver Errors Discards Forward Request NoRoute Discards 499351 327 0 0 420988 636 41 370

Interface Directed Routing Table In If Out If -----IP LAC Statistics-----Src eq dest RPF HitCount SrceqdestHitCount MfcHitCount (-1/drop classified) RPF Disabled Enabled 0 0 0 **Routing Table** DestMask RouteMask NextHop If RtType 0.0.0.0 3 STATIC 0.0.0.0 0.0.0.0 10.225.0.252 255.255.255.252 0.0.0.0 1 LOCAL 10.225.73.0 255.255.255.0 10.225.0.254 1 STATIC 172.18.192.112 255.255.255.255 0.0.0.0 3 LOCAL #

3 – Configurações dos Equipamentos



```
Welcome to BlockBit
Type '?' or 'help' to get the list of allowed commands
admin >ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
        inet 10.225.0.254 netmask 255.255.255 broadcast 10.225.0.255
        ether 00:90:27:f0:85:50 txqueuelen 10000 (Ethernet)
        RX packets 5242 bytes 1179524 (1.1 MiB)
        RX errors 0 dropped 0 overruns 0 frame 0
        TX packets 6375 bytes 1544825 (1.4 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 10.225.73.1 netmask 255.255.255.0 broadcast 10.225.73.255
        ether 00:90:27:f0:85:51 txqueuelen 10000 (Ethernet)
        RX packets 9019 bytes 2035911 (1.9 MiB)
        RX errors 0 dropped 0 overruns 0 frame 0
        TX packets 10903 bytes 7894951 (7.5 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 72562 bytes 40178527 (38.3 MiB)
        RX errors 0 dropped 0 overruns 0 frame 0
        TX packets 72562 bytes 40178527 (38.3 MiB)
        TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
admin >
```



4 – Teste de Velocidade

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