



TERMO DE ACEITE TÉCNICO

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

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ATI: Weslley Souza			Responsável/cliente: Diego Macedo Alves	
Orgão: ATI	Unidade: Praça do Santuário de Santa Cruz dos Milagres		Data Instalação 08/01/2019	Data Ativação 08/01/2019
Operadora Global Eagle		VSAT-ID ATI-PB-0256-OUT	Porta kbps 4096/512	Tipo Outdoor

Piauí, 08 de janeiro de 2019

1 – Local da Instalação









2 – Configurações do Modem

device show

System Information:

Name : ATI-PB-0256-OUT

Location : Santa Cruz dos Milagres - PI

Contact

System Up time : 0 days, 00:05:36

: 21% CPU Load

System time(UTC) : 08 January 2019 20:13:42

Broadcast Message : not set

HW:

Model : SatLink 2000 HW ID : 120033

Main board ID : 120026 R6.2

MAC addresses:

LAN : 00:20:0e:10:9a:bf Satellite (DVB) : 00:20:0e:10:9a:bf

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[Msps] Freq[GHz] Mode PopId SatId Pos SatName Name Enable

* 0 0 27.466667 11.727054 DVB-S2 2 0 0.0 E Yes

Satellite (DVB) Receiver Status

Rx State : On

DVB State : Forward link up Network : 65281, ATI-Piaui-Conectado

Frequency : 11.727048 GHz Symbol Rate : 27.465657 Msps

S2 ModCod

- receiving : 12 8PSK-3/5 - current max : 14 8PSK-3/4

Pilot : On

: Short Frame length DVB S2 Mode : ACM

DVB S2 Stream type: MPEG-TS

Roll off : 0.25 SNR : 15.4 dB Input Power : -34 dBm

dvb tx show

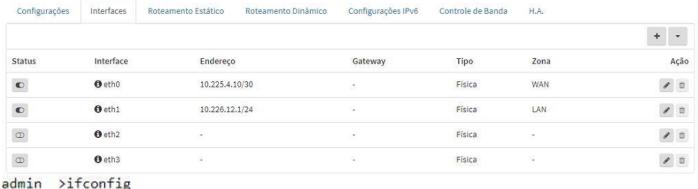
Satellite (DVB) TX Configuration

Auto start : Enabled

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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: SHC/UDP/IP
Satellite (DVB) Transmitter Status
_____
State : On (DVB-RCS2)
IDU Output Power : -19.9 dBm
Es/No
           : 16.0 dB
Header Compression: SHC/UDP/IP
Timing correction: 162 us (249218 us)
Frequency correction: -20 Hz
# arp show
 NetAddr
           State MacAddr
                              lf
 10.225.4.10 Dynamic 00:13:3b:8b:45:47 1
# ip show
Interfaces
lf
    IPAddress SubnetMask BroadCastAddr MTU
                                                 Alias AdminStatus
   10.225.4.9 255.255.255.252 10.225.4.11 1500
                                                   eth0 1
3 172.26.7.100 255.255.255.255
                                                 dvb0 1
                                  N/A 1540
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
 If UCast NUCast Disc Octets UCast NUCast Disc Octets
                                           0 3016393
   3928
          481
               253 611465 4898
                                     17
1
  2788
           0
                0 1849740 3005
                                    0
                                         0 379811
3
                    0
                        0
                             0
                                  0
                                        0
IP Receive Deliver Errors InDiscards Forward Request NoRoute OutDiscards
   7127 1972
                       0 7958 2835
                                        48
                 0
                                              94
Interface Directed Routing Table
In If Out If
 -----IP LAC Statistics-----
 RPF
       Src eg dest
                  RPF HitCount SrceqdestHitCount MfcHitCount (-1/drop classified)
Disabled Enabled
                      0
Routing Table
   DestMask
                            NextHop If RtType Row-Status
              RouteMask
   0.0.0.0
             0.0.0.0
                      0.0.0.0 3 STATIC ACTIVE
                             0.0.0.0 1 LOCAL ACTIVE
  10.225.4.8 255.255.255.252
 10.226.12.0 255.255.255.0 10.225.4.10 1 STATIC ACTIVE
                              0.0.0.0 3 LOCAL ACTIVE
 172.26.7.100 255.255.255.255
```

3 – Configurações dos Equipamentos

Configurações de Rede



admin

eth0: flags=4163<UP, BROADCAST, RUNNING, MULTICAST> mtu 1500

inet 10.225.4.10 netmask 255.255.252 broadcast 10.225.4.11

ether 00:90:27:f0:86:90 txqueuelen 10000 (Ethernet)

RX packets 80233 bytes 68586252 (65.4 MiB)

RX errors 0 dropped 0 overruns 0 frame 0

TX packets 69075 bytes 15896242 (15.1 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 10.226.12.1 netmask 255.255.255.0 broadcast 10.226.12.255

ether 00:90:27:f0:86:91 txqueuelen 10000 (Ethernet)

RX packets 80832 bytes 17080118 (16.2 MiB)

RX errors 0 dropped 0 overruns 0 frame 0

TX packets 90760 bytes 74514359 (71.0 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

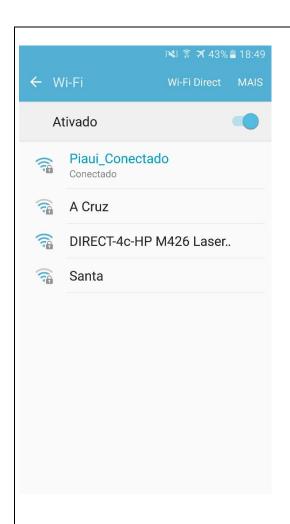
loop txqueuelen 1 (Local Loopback)

RX packets 57350 bytes 46556815 (44.4 MiB)

RX errors 0 dropped 0 overruns 0 frame 0

TX packets 57350 bytes 46556815 (44.4 MiB)

TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0



4 – Teste de Velocidade - Download/Upload

