



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 Principal (Santa Cruz dos Milagres)		Data Instalação 08/01/2019	Data Ativação 08/01/2019
Operadora Global Fagle		VSAT-ID ATI-PB-0257-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-0257-OUT

Location : Santa Cruz dos Milagres- PI

Contact

System Up time : 0 days, 00:51:17

CPU Load : 30%

System time(UTC) : 08 January 2019 13:12:10

Broadcast Message : not set

HW:

: SatLink 2000 Model : 120033 HW ID

Main board ID : 120026 R6.2

MAC addresses:

: 00:20:0e:10:9b:65 LAN Satellite (DVB) : 00:20:0e:10:9b:65

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

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

* 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 : 11.727003 GHz Symbol Rate : 27.465812 Msps

S2 ModCod

- receiving : 6 QPSK-2/3 - current max : 14 8PSK-3/4

Pilot : On

Frame length : Short DVB S2 Mode : ACM

DVB S2 Stream type: MPEG-TS

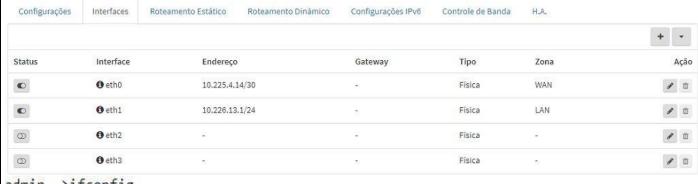
Roll off : 0.25 SNR : 13.3 dB Input Power : -36 dBm

dvb tx show

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Satellite (DVB) TX Configuration
_____
          : Enabled
Auto start
BUPC status : Disabled
IDU Output Power : -22 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 : -21.8 dBm
Es/No
         : 16.0 dB
Header Compression: SHC/UDP/IP
Timing correction: 59 us (249243 us)
Frequency correction: 50 Hz
# arp show
          State MacAddr
 NetAddr
                            lf
 10.225.4.14 Dynamic 00:90:27:f0:8c:ec 1
# ip show
Interfaces
lf
   IPAddress SubnetMask BroadCastAddr MTU Alias AdminStatus
  10.225.4.13 255.255.255.252 10.225.4.15 1500
                                              eth0 1
3
    172.26.7.6 255.255.255.255 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
 If UCast NUCast Disc Octets UCast NUCast Disc Octets
1 22430 241 128 6710836 32886 32 0 12861694
         0 57 8872847 17975
                                   0 0 5973193
3 15777
                  0 0 0 0
         0
             0
                                     0
IP Receive Deliver Errors InDiscards Forward Request NoRoute OutDiscards
  38356 4210 0
                      0 51119 14501 32
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
Routing Table
   DestMask
                           NextHop If RtType Row-Status
             RouteMask
           0.0.0.0 0.0.0.0 3 STATIC ACTIVE
   0.0.0.0
 10.225.4.12 255.255.255.252 0.0.0.0 1 LOCAL ACTIVE
 10.226.13.0 255.255.255.0 10.225.4.14 1 STATIC ACTIVE
  172.26.7.6 255.255.255.255 0.0.0.0 3 LOCAL ACTIVE
```

3 – Configurações dos Equipamentos

Configurações de Rede



>ifconfig admin

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

inet 10.225.4.14 netmask 255.255.252 broadcast 10.225.4.15

ether 00:90:27:f0:8c:ec txqueuelen 10000 (Ethernet)

RX packets 26931 bytes 13279841 (12.6 MiB)

RX errors 0 dropped 0 overruns 0 frame 0

TX packets 24422 bytes 7744668 (7.3 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 10.226.13.1 netmask 255.255.255.0 broadcast 10.226.13.255

ether 00:90:27:f0:8c:ed txqueuelen 10000 (Ethernet)

RX packets 28590 bytes 8309168 (7.9 MiB)

RX errors 0 dropped 0 overruns 0 frame 0

TX packets 31574 bytes 18785931 (17.9 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

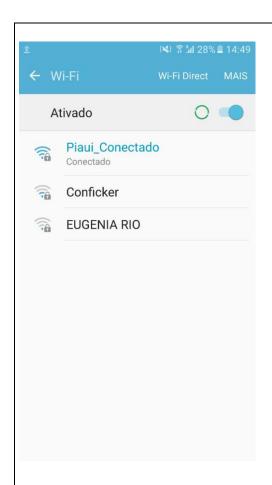
loop txqueuelen 1 (Local Loopback)

RX packets 28565 bytes 26881096 (25.6 MiB)

RX errors 0 dropped 0 overruns 0 frame 0

TX packets 28565 bytes 26881096 (25.6 MiB)

TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0



4 – Teste de Velocidade - Download/Upload

