TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Jefferson Marques	**Técnico Instalador:** Jean Polini **Contato**: 11 97701-2709 **Email**: jeanpolinitelecom@gmail.com
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Orgão: SEDUC	Unidade: SEDUC - Bela Vista do Piauí	Data Instalação 04/10/2018	Data Ativação 04/10/2018
Operadora Global Eagle	**VSAT-ID** ATI-PU-0107-OUT	**Porta kbps** 4096/512	**Tipo** indoor

Piauí, 04 de Outubro de 2018

1 – Local da Instalação

2 – Configurações do Modem

```
# device show
System Information:
   Name             : ATI-ES-0120-IND
   Location         : Bela Vista do Piauí - PI
   Contact          :
   System Up time   : 0 days, 02:25:19
   CPU Load         : 14%
   System time(UTC) : 04 October 2018 16:23:44
   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:2e
   Satellite (DVB)  : 00:20:0e:10:8b:2e


# 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   : -20.2 dBm
Es/No          : 15.5 dB
Header Compression : Disabled
Timing correction   : -184 us (250007 us)
Frequency correction: 320 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[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
```
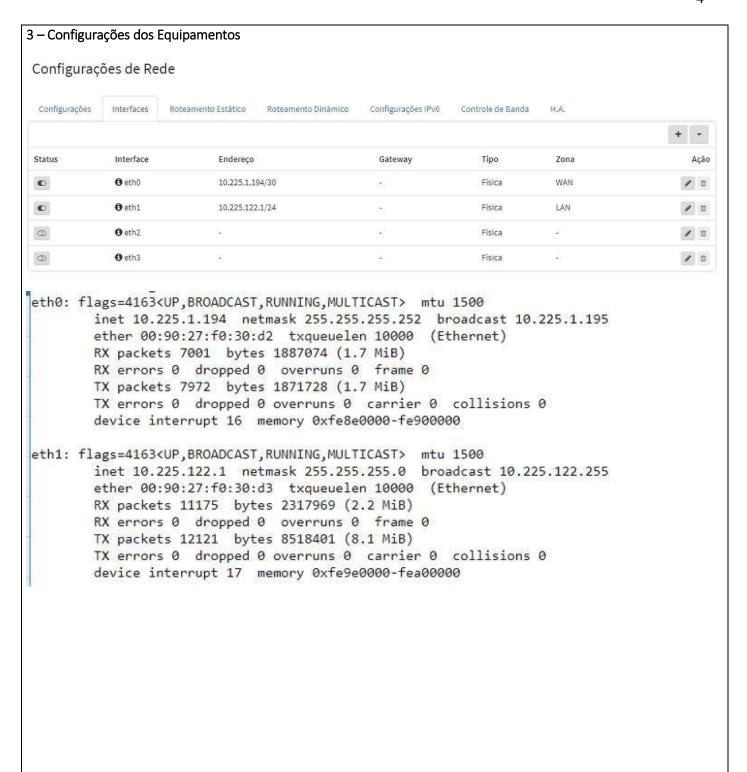
```
Network        : 1326,  ATI-PI
Frequency      : 11.628104 GHz
Symbol Rate    : 24.999829 Msps
S2 ModCod
    - receiving  : 14   8PSK-3/4
    - current max : 15   8PSK-5/6
Pilot        : On
Frame length    : Short
DVB S2 Mode      : ACM
DVB S2 Stream type  : MPEG-TS
Roll off       : 0.25
SNR         : 12.1 dB
Input Power     : -40 dBm
# arp show


  NetAddr      State  MacAddr        If
  10.225.1.194  Dynamic 00:90:27:f0:30:d2   1
# ip show
Interfaces
If    IPAddress    SubnetMask  BroadCastAddr  MTU      Alias   AdminStatus
1   10.225.1.193 255.255.255.252   10.225.1.195  1500         eth0   1
3   172.18.192.95 255.255.255.255       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  135339    0    603  61394115  204307    75    0  239004560
3  195575    0    186  240908048   63273    0   233  55922502
4    0    0    0    0    0    0    0    0
IP  Receive  Deliver  Errors InDiscards  Forward  Request  NoRoute OutDiscards
   330591   794    0     0  268600  1013    0    797


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          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
  10.225.1.192 255.255.255.252      0.0.0.0  1   LOCAL  ACTIVE
  10.225.122.0   255.255.255.0   10.225.1.194  1  STATIC  ACTIVE
  172.18.192.95 255.255.255.255      0.0.0.0  3   LOCAL  ACTIVE
#
```

3 – Configurações dos Equipamentos

Configurações de Rede

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

Status	Interface	Endereço	Gateway	Tipo	Zona	Ação
⬤	ℹ eth0	10.225.1.194/30	-	Física	WAN	✏ 🗑
⬤	ℹ eth1	10.225.122.1/24	-	Física	LAN	✏ 🗑
○	ℹ eth2	-	-	Física	-	✏ 🗑
○	ℹ eth3	-	-	Física	-	✏ 🗑

```
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST>  mtu 1500
        inet 10.225.1.194  netmask 255.255.255.252  broadcast 10.225.1.195
        ether 00:90:27:f0:30:d2  txqueuelen 10000  (Ethernet)
        RX packets 7001  bytes 1887074 (1.7 MiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 7972  bytes 1871728 (1.7 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 10.225.122.1  netmask 255.255.255.0  broadcast 10.225.122.255
        ether 00:90:27:f0:30:d3  txqueuelen 10000  (Ethernet)
        RX packets 11175  bytes 2317969 (2.2 MiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 12121  bytes 8518401 (8.1 MiB)
        TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0
        device interrupt 17  memory 0xfe9e0000-fea00000
```

4 – Teste de Velocidade -Download/Upload