TERMO DE ACEITE TÉCNICO

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

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Orgão: SEDUC	Unidade: SEDUC – Caldeirão Grande do Piauí	Data Instalação 08/10/2018	Data Ativação 08/10/2018
Operadora Global Eagle	**VSAT-ID** ATI-ES-0131-IND	**Porta kbps** 4096/512	**Tipo** Indoor

Piauí, 08 de Outubro de 2018

1 – Local da Instalação

2 – Configurações do Modem

```
# device show
System Information:
   Name             : ATI-ES-0131-IND
   Location         : Caldeir   o Grande do Piau   -PI
   Contact          :
   System Up time   : 0 days, 00:01:24
   CPU Load         : 24%
   System time(UTC) : 08 October 2018 19:17:27
   Broadcast Message : not set


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


MAC addresses:
   LAN              : 00:20:0e:10:87:c9
   Satellite (DVB)  : 00:20:0e:10:87:c9


# 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    : -19.8 dBm
Es/No             : 12.0 dB
Header Compression  : Disabled
Timing correction   : -63 us (249527 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       : 11.628218 GHz
Symbol Rate     : 25.001514 Msps
S2 ModCod
   - receiving   : 1   QPSK-1/4
   - 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             : 10.3 dB
Input Power     : -36 dBm
# arp show
```

```
  NetAddr      State  MacAddr          If
  10.225.1.238  Dynamic 00:90:27:ef:6e:60   1
# ip show
Interfaces
```

If	IPAddress	SubnetMask	BroadCastAddr	MTU	Alias	AdminStatus
1	10.225.1.237	255.255.255.252	10.225.1.239	1500	eth0	1
3	172.18.192.136	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	1068	0	4	184870	1452	6	0	1068496
3	1467	0	18	1072782	859	0	0	161257
4	0	0	0	0	0	0	0	0

IP	Receive	Deliver	Errors	InDiscards	Forward	Request	NoRoute	OutDiscards
	2531	94	0	0	2372	168	0	24

```
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
10.225.1.236	255.255.255.252	0.0.0.0	1	LOCAL	ACTIVE
10.225.133.0	255.255.255.0	10.225.1.238	1	STATIC	ACTIVE
172.18.192.136	255.255.255.255	0.0.0.0	3	LOCAL	ACTIVE

```
#
```

3 – Configurações dos Equipamentos

```
admin ~ >ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST>  mtu 1500
        inet 10.225.1.238  netmask 255.255.255.252  broadcast 10.225.1.239
        ether 00:90:27:ef:6e:60  txqueuelen 10000  (Ethernet)
        RX packets 6098  bytes 1644423 (1.5 MiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 4810  bytes 1644396 (1.5 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 10.225.133.1  netmask 255.255.255.0  broadcast 10.225.133.255
        ether 00:90:27:ef:6e:61  txqueuelen 10000  (Ethernet)
        RX packets 8840  bytes 2261007 (2.1 MiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 11419  bytes 8011693 (7.6 MiB)
        TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0
        device interrupt 17  memory 0xfe9e0000-fea00000
```

Configurações de Rede

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

Status	Interface	Endereço	Gateway	Tipo	Zona	Ação
◖	eth0	10.225.1.238/30	-	Física	WAN	✏ 🗑
◖	eth1	10.225.133.1/24	-	Física	LAN	✏ 🗑
◑	eth2	-	-	Física	-	✏ 🗑
◑	eth3	-	-	Física	-	✏ 🗑

4 – Teste de Velocidade -Download/Upload