



TERMO DE ACEITE TÉCNICO

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

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Orgão: SEDUC **Unidade:** Unidade Escolar José Ricardo de
Morais

Data Instalação
4/09/2018

Data Ativação
4/09/2018

Operadora
Global Eagle

VSAT-ID
ATI-ES-0055-IND

Porta kbps
1024/256

Tipo
Indoor

Piauí, 4 de Setembro de 2018

1 – Local da Instalação





2 – Configurações do Modem

device show

System Information:

Name : ATI-ES-0055-IND
Location : PI
Contact :
System Up time : 0 days, 03:31:47
CPU Load : 7%
System time(UTC) : 04 September 2018 22:17:15
Broadcast Message : not set

HW:

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

MAC addresses:

Ethernet (LAN) : 00:20:0e:10:85:b2
Satellite (DVB) : 00:20:0e:10:85:b2

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 : -20.0 dBm

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Es/No      : 13.5 dB
Header Compression : Disabled
Timing correction : -62 us (249434 us)
Frequency correction: 280 Hz
# dvb rx show

Satellite (DVB) RX Configuration
-----
Auto start      : Enabled
Max Traffic MODCOD : 23 16APSK-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       : 11.628076 GHz
Symbol Rate     : 24.999994 Msps
S2 ModCod
- receiving    : 1  QPSK-1/4
- current max : 13 8PSK-2/3
Pilot           : On
Frame length    : Short
DVB S2 Mode     : ACM
DVB S2 Stream type : MPEG-TS
Roll off       : 0.25
SNR            : 9.2 dB
Input Power     : -40 dBm
# arp show

NetAddr  State  MacAddr      If
10.225.1.94 Dynamic 00:90:27:f0:2f:0e 1
# ip show
Interfaces
If  IPAddress  SubnetMask  BroadCastAddr  MTU      Alias  AdminStatus
1  10.225.1.93 255.255.255.252 10.225.1.95 1500    eth0 1
3  172.18.193.234 255.255.255.255 N/A 1500    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  168467  832    2520  66803349 244375  122    0  272184852
3  238884  0       0  270440906 107248  0       0  60643719
4  0       0       0       0       0       0       0
IP Receive Deliver Errors Discards Forward Request NoRoute Discards
407960 16106 0 0 337654 16439 330 2836

Interface Directed Routing Table
```

In If Out If

-----IP LAC Statistics-----

RPF	Src eq dest	RPF HitCount	Src eq dest HitCount	MfcHitCount (-1/drop classified)
Disabled	Enabled	0	0	0

Routing Table

DestMask	RouteMask	NextHop	If	RtType
0.0.0.0	0.0.0.0	0.0.0.0	3	STATIC
10.225.1.92	255.255.255.252	0.0.0.0	1	LOCAL
10.225.97.0	255.255.255.0	10.225.1.94	1	STATIC
172.18.193.234	255.255.255.255	0.0.0.0	3	LOCAL

3 – Configurações dos Equipamentos

← → ↻ 🏠 ⚠️ Não seguro | 10.225.97.1:98/admin/apps/network.php

BLOCKBIT UTM

Dashboard < Relatórios < Monitor < Políticas < Serviços < **Sistema** > > Rede > Autenticação > Administração > Licença > Armazenamentos > Backups > Certificados > Objetos ⚡ Snapshot

Configurações de Rede

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

Status	Interface	Endereço	Gateway	Tipo	Zona	Ação
🔴	eth0	10.225.1.94	-	Física	WAN	✎ 🗑
🔴	eth1	10.225.97.1/24	-	Física	LAN	✎ 🗑
🔴	eth2	-	-	Física	-	✎ 🗑
🔴	eth3	-	-	Física	-	✎ 🗑

COM3 - PuTTY

```
admin > ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 10.225.1.94 netmask 255.255.255.252 broadcast 10.225.1.95
    ether 00:90:27:f0:2f:0e txqueuelen 10000 (Ethernet)
    RX packets 34548 bytes 31365067 (29.9 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 25598 bytes 8908853 (8.4 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 10.225.97.1 netmask 255.255.255.0 broadcast 10.225.97.255
    ether 00:90:27:f0:2f:0f txqueuelen 10000 (Ethernet)
    RX packets 21110 bytes 4924092 (4.6 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 30168 bytes 30604447 (29.1 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 136068 bytes 40382315 (38.5 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 136068 bytes 40382315 (38.5 MiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

admin >
```

Wi-Fi



Ativado



Piaui_Conectado
Conectado



srm
Salva



CENTRO



4 – Teste de Velocidade

Download

