



TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Jefferson Marques

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Orgão: SEDUC

Unidade: SEDUC – CURRAL NOVO

Data Instalação

18/09/2018

Data Ativação

19/09/2018

Operadora
Global Eagle

VSAT-ID
ATI-ES-0050-IND

Porta kbps
4096/512

Tipo
Indoor

Piauí, 19 de setembro de 2018

1 – Local da Instalação



2 – Configurações do Modem

device show

System Information:

Name : ATI-ES-0050-IND
Location : CURRAL NOVO PI
Contact :
System Up time : 0 days, 01:18:10
CPU Load : 11%
System time(UTC) : 19 September 2018 17:01:42
Broadcast Message : not set

HW:

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

MAC addresses:

Ethernet (LAN) : 00:20:0e:10:8c:e2
Satellite (DVB) : 00:20:0e:10:8c:e2

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 : -19.9 dBm
Es/No : 14.0 dB
Header Compression : Disabled
Timing correction : -199 us (249665 us)
Frequency correction: 350 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[Mbps]	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

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Frequency      : 11.628145 GHz
Symbol Rate    : 25.000098 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            : 10.4 dB
Input Power     : -38 dBm
# arp show

NetAddr  State  MacAddr      If
10.225.1.246 Dynamic 70:5a:b6:eb:69:8a 1
# ip show
Interfaces
If  IPAddress  SubnetMask  BroadCastAddr  MTU      Alias  AdminStatus
1  10.225.1.245 255.255.255.252 10.225.1.247 1500     eth0    1
3  172.18.193.246 255.255.255.255      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  84105   852    788  40305812 133296   55    0  161075796
3  126309   0      0  161902231 39439    0    0  36639574
4    0      0      0    0      0      0    0    0
IP Receive Deliver Errors Discards Forward Request NoRoute Discards
211182 1147    0    0 172105 617 229 232

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
0.0.0.0   0.0.0.0   0.0.0.0 3 STATIC
10.225.1.244 255.255.255.252 0.0.0.0 1 LOCAL
10.225.135.0 255.255.255.0 10.225.1.246 1 STATIC
172.18.193.246 255.255.255.255 0.0.0.0 3 LOCAL
# arp show

NetAddr  State  MacAddr      If
10.225.1.246 Dynamic 70:5a:b6:eb:69:8a 1
#
```

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
	eth0	10.225.1.246/30	-	Física	WAN	
	eth1	10.225.135.1/24	-	Física	LAN	
	eth2	-	-	Física	-	
	eth3	-	-	Física	-	

```
admin >ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 10.225.1.246 netmask 255.255.255.252 broadcast 10.225.1.247
    ether 00:0b:ab:f5:c9:b4 txqueuelen 10000 (Ethernet)
    RX packets 111759 bytes 153066556 (145.9 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 69354 bytes 3798545 (3.6 MiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
    device memory 0xd0900000-d091ffff

eth1: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 10.225.135.1 netmask 255.255.255.0 broadcast 10.225.135.255
    ether 00:0b:ab:f5:c9:b5 txqueuelen 10000 (Ethernet)
    RX packets 4095 bytes 929724 (907.9 KiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 5544 bytes 4708174 (4.4 MiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
    device memory 0xd0800000-d081ffff
```



4 – Teste de Velocidade -Download/Upload

