

TERMO DE ACEITE TÉCNICO

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

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ATI: Weslley Souza			Responsável/cliente: Diana Ferreira Vieira	
Orgão: SEDUC	Data Instalação 31/10/2018		Data Ativação 31/10/2018	
Unidade: Escolar Ginásio Estadual Doutor José Gusmão		Município: Colônia do Piauí	Coordenadas: 7°13'37.00"S 42°10'41.00"W	
Operadora Global Fagle		VSAT-ID ATI-ES-0073-IND	Porta kbps 4096K/256k	Tipo Indoor

Piauí, 31 de Outubro de 2018

1 – Local da Instalação









2 – Configurações do Modem

device show

System Information:

Name : ATI-ES-0073-IND Location : Colonia do Piaui - PI

Contact :

System Up time : 0 days, 00:02:07

CPU Load : 26%

System time(UTC) : 01 November 2018 02:53:50

Broadcast Message : not set

HW:

Model : SatLink 2000 HW ID : 120033

Main board ID : 120026 R6.2

MAC addresses:

LAN : 00:20:0e:10:88:f7 Satellite (DVB) : 00:20:0e:10:88:f7

dvb tx show

Satellite (DVB) TX Configuration

Auto start : Enabled
BUPC status : Disabled
IDU Output Power : -18 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 : -18.2 dBm

Es/No : 14.5 dB

Header Compression: Disabled Timing correction: 71 us (250038 us)

Frequency correction: 140 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 : 11.628152 GHz Symbol Rate : 25.000432 Msps S2 ModCod - receiving : 1 QPSK-1/4 - current max : 21 16APSK-5/6 Pilot : On Frame length : Short DVB S2 Mode : ACM DVB S2 Stream type: MPEG-TS Roll off : 0.25 SNR : 17.8 dB Input Power : -36 dBm # odu show Antenna Type ASC/Andrew/Channel Master Type 123 - 1.2m Antenna controller None Tx Gain 43.3dB Transmitter (BUC) JRC NJT5017 (14.0-14.5 GHz) Type Local oscillator 13.050000 GHz DC supply 24V On Reference 10Mhz On Receiver (LNB) Type SatLink 403x (10.70-12.75 GHz) Local oscillator - LO1 9.750000 GHz Local oscillator - LO2 10.600000 GHz Oscillator switching frequency 1-2 11.700000 GHz LO Switching mode 22KHz 13/18V DC supply 13V # ip show Interfaces lf IPAddress SubnetMask BroadCastAddr MTU Alias AdminStatus 10.225.2.5 255.255.255.252 10.225.2.7 1500 eth0 1 3 172.18.192.226 255.255.255.255 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					
1 354 0 10 70822 398 7 0 117178					
3 500 0 6 120972 531 0 0 71641					
4 0 0 0 0 0 0 0					
IP Receive Deliver Errors InDiscards Forward Request NoRoute OutDiscards					
·					
849 165 0 0 983 214 0 18					
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					
Disabled Ellabled 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					
10.225.2.4 255.255.255.252 0.0.0.0 1 LOCAL ACTIVE					
10.225.139.0 255.255.255.0 10.225.2.6 1 STATIC ACTIVE					
172.18.192.226 255.255.255 0.0.0.0 3 LOCAL ACTIVE					

3 – Configurações dos Equipamentos

Configurações de Rede



```
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST>
                                               mtu 1500
       inet 10.225.2.6 netmask 255.255.252 broadcast 10.225.2.7
       ether 00:90:27:f0:31:2a txqueuelen 10000 (Ethernet)
       RX packets 252657 bytes 316886548 (302.2 MiB)
       RX errors 0 dropped 0 overruns 0 frame 0
       TX packets 134351 bytes 12031037 (11.4 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 10.225.139.1 netmask 255.255.255.0 broadcast 10.225.139.255
       ether 00:90:27:f0:31:2b txqueuelen 10000
                                                 (Ethernet)
       RX packets 32534 bytes 6685357 (6.3 MiB)
       RX errors 0 dropped 0 overruns 0 frame 0
       TX packets 40296 bytes 13141698 (12.5 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 688862 bytes 112705152 (107.4 MiB)
       RX errors 0 dropped 0 overruns 0 frame 0
       TX packets 688862 bytes 112705152 (107.4 MiB)
       TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
```



4 - Teste de Velocidade - Download/Upload

