



TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Pedro Bernardes

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Orgão: ATI

Unidade: UAPI

Data Instalação

24/10/2018

Data Ativação

24/10/2018

Operadora
Global Eagle

VSAT-ID
ATI-ES-0090-IND

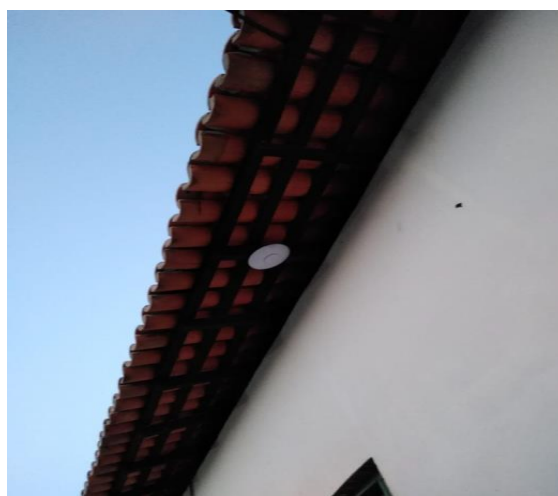
Porta kbps
1024/256

Tipo
Indoor

Piauí, 24 de Outubro de 2018

Contrato: 016/2018

1 – Local da Instalação



2 – Configurações do Modem

device show

System Information:

Name : ATI-ES-0090-IND

Location : Miguel Alves -PI

Contact :

System Up time : 0 days, 00:28:17

CPU Load : 26%

System time(UTC) : 24 October 2018 10:12:20

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:bd

Satellite (DVB) : 00:20:0e:10:87:bd

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 : -20.1 dBm

Es/No : 14.5 dB

Header Compression : Disabled

Timing correction : -77 us (250056 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[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

Frequency : 11.628121 GHz

Symbol Rate : 25.000228 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 : 11.9 dB
Input Power : -38 dBm
arp show
NetAddr State MacAddr If
10.225.0.226 Dynamic ec:f4:bb:fb:46:15 1
ip show
Interfaces
If IPAddress SubnetMask BroadCastAddr MTU Alias AdminStatus
1 10.225.0.225 255.255.255.252 10.225.0.227 1500 eth0 1
3 172.18.192.108 255.255.255.255 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 19682 94 81 4407709 8440 29 1 1370588
3 9522 0 24 1480648 21281 0 0 4271352
4 0 0 0 0 0 0 0
IP Receive Deliver Errors InDiscards Forward Request NoRoute OutDiscards
29239 1742 0 0 29801 1810 4 47
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
10.225.0.224 255.255.255.252 0.0.0.0 1 LOCAL ACTIVE
10.225.66.0 255.255.255.0 10.225.0.226 1 STATIC ACTIVE
172.18.192.108 255.255.255.255 0.0.0.0 3 LOCAL ACTIVE

3 – Configurações dos Equipamentos

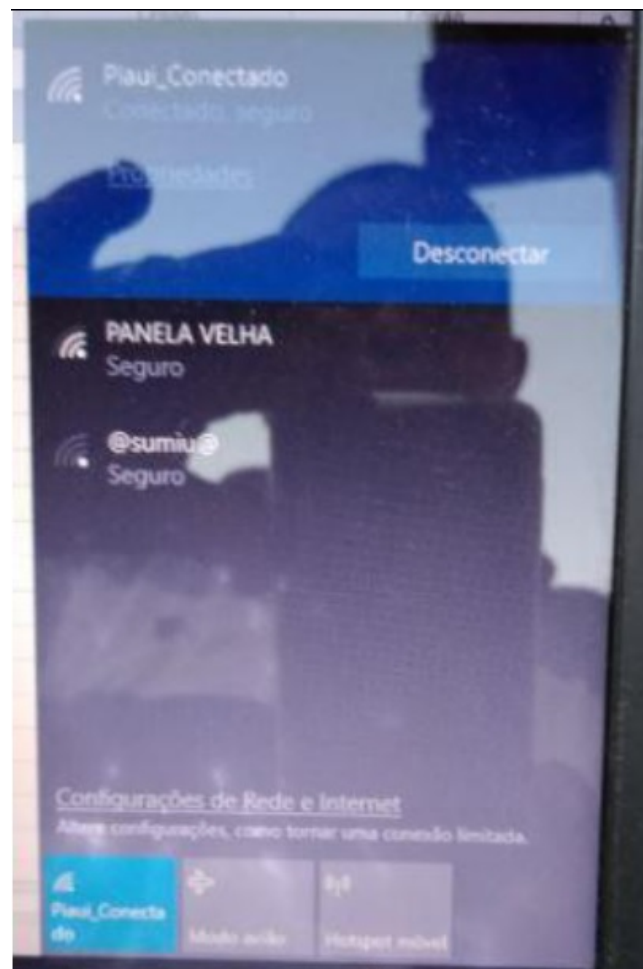
Configurações de Rede

Configurações						
Configurações	Interfaces	Roteamento Estático	Roteamento Dinâmico	Configurações IPv6	Controle de Banda	H.A.
Status	Interface	Endereço	Gateway	Tipo	Zona	Ação
	 eth0	10.225.0.226/30	-	Física	WAN	 
	 eth1	10.225.66.1/24	-	Física	LAN	 
	 eth2	-	-	Física	-	 
	 eth3	-	-	Física	-	 

```
admin >ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 10.225.0.226 netmask 255.255.255.252 broadcast 10.225.0.227
    ether 00:90:27:f0:31:02 txqueuelen 10000 (Ethernet)
    RX packets 8642 bytes 1482980 (1.4 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 19845 bytes 4507667 (4.2 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 10.225.66.1 netmask 255.255.255.0 broadcast 10.225.66.255
    ether 00:90:27:f0:31:03 txqueuelen 10000 (Ethernet)
    RX packets 21513 bytes 4811969 (4.5 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 12366 bytes 6752744 (6.4 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 20121 bytes 21585586 (20.5 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 20121 bytes 21585586 (20.5 MiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
```



4 – Teste de Velocidade

