



Manual de Configuração ONU

FHR1100 - EPON

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1. CONFIGURAÇÃO GERENCIAMENTO ONU

A ONU FHR1100 PHYHOME pode ser configurada em modo Bridge ou em modo Router.

O acesso à ONU é realizado via web através do endereço IP **192.168.1.1**.

Para o primeiro acesso atribuir um endereço IP fixo no mesmo range do IP padrão da ONU. Conforme exemplo abaixo:

Propriedades de Protocolo IP Versão 4 (TCP/IPv4)

Geral

As configurações IP podem ser atribuídas automaticamente se a rede oferecer suporte a esse recurso. Caso contrário, você precisa solicitar ao administrador de rede as configurações IP adequadas.

Obter um endereço IP automaticamente

Usar o seguinte endereço IP:

Endereço IP: 192 . 168 . 1 . 10

Máscara de sub-rede: 255 . 255 . 255 . 0

Gateway padrão: | . . .

Obter o endereço dos servidores DNS automaticamente

Usar os seguintes endereços de servidor DNS:

Servidor DNS preferencial: . . .

Servidor DNS alternativo: . . .

Validar configurações na saída

Avançado...

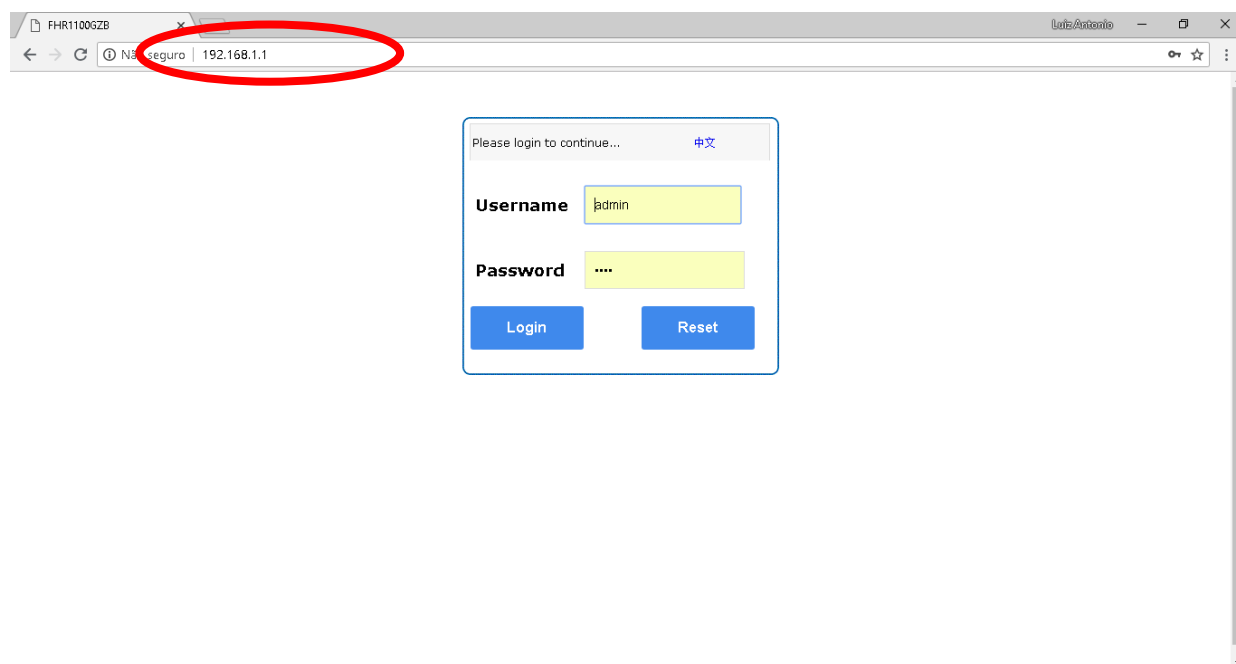
OK Cancelar

1.1 Acesso ONU

Acessar ONU via Web no endereço IP **192.168.1.1**

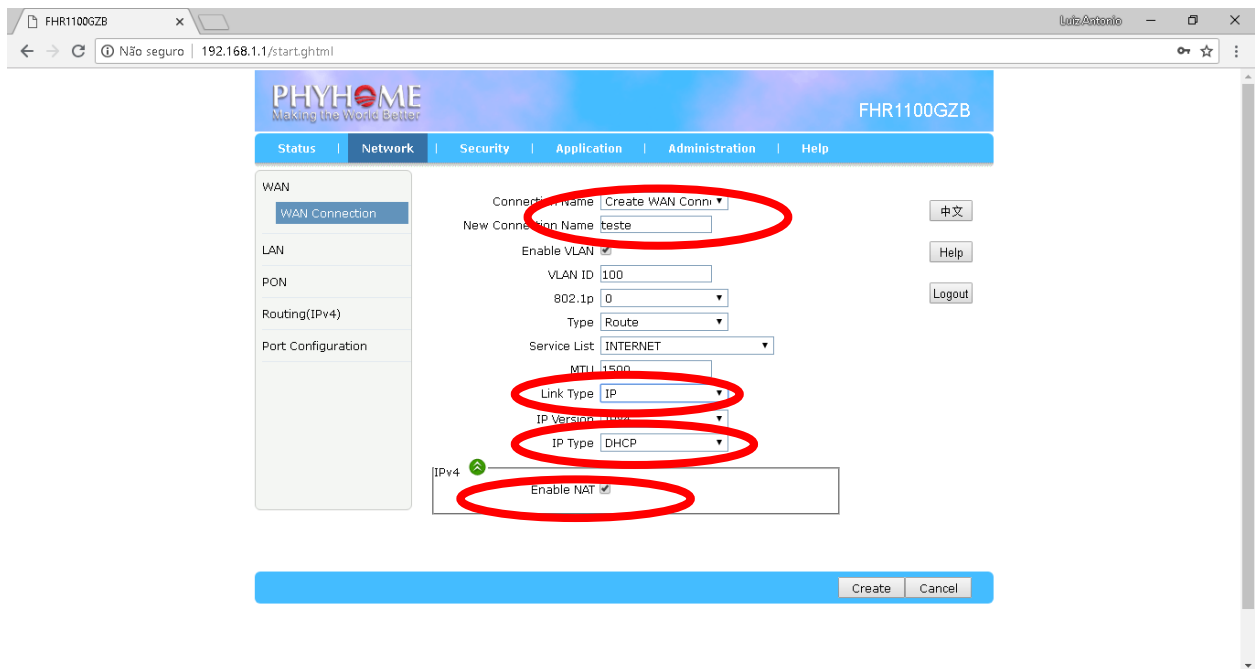
Username: **admin**

Password: **1234**



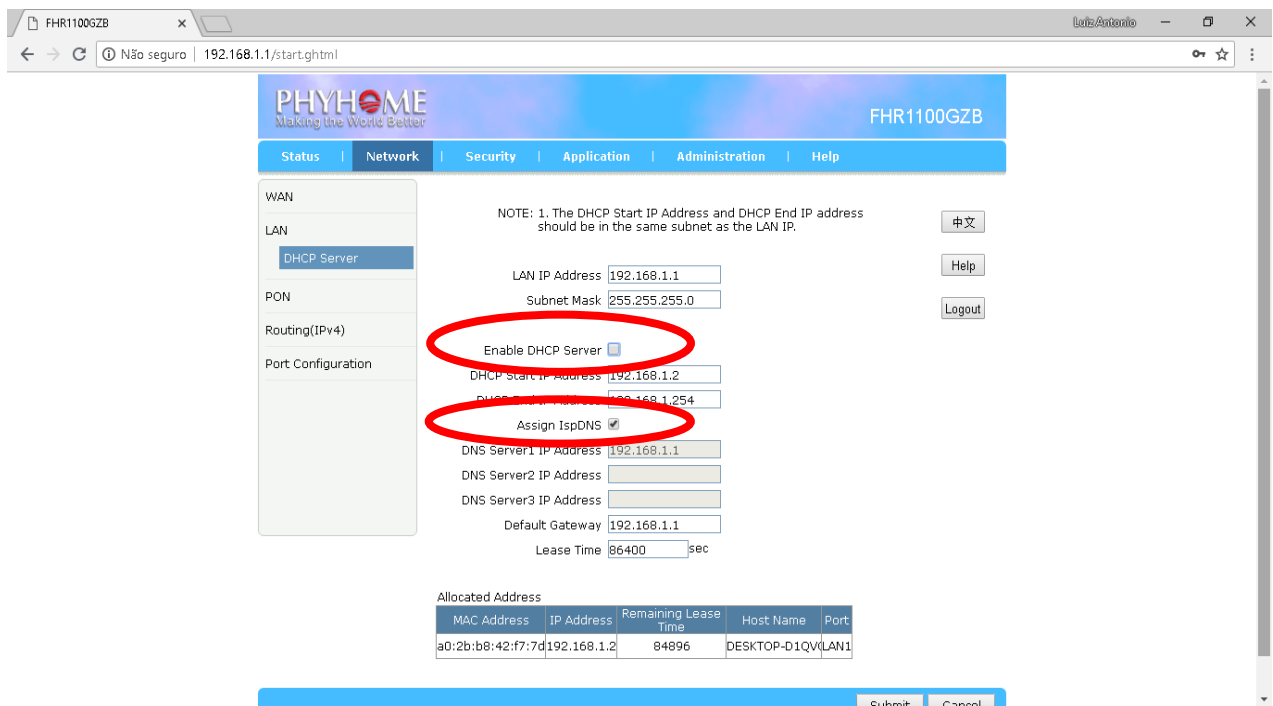
1.2 Configuração Wan (Modo Bridge)

- Clicar aba "Network" → Wan Connection
- No Campo "New Connection Name" digitar qualquer nome
- Se utilizar Vlan – habilitar campo "Enable VLAN"
- No campo "Link Type" escolher opção "IP"
- No campo "IP Type" escolher opção "DHCP"
- Deixar opção "Enable NAT" habilitado
- Botão "Create"

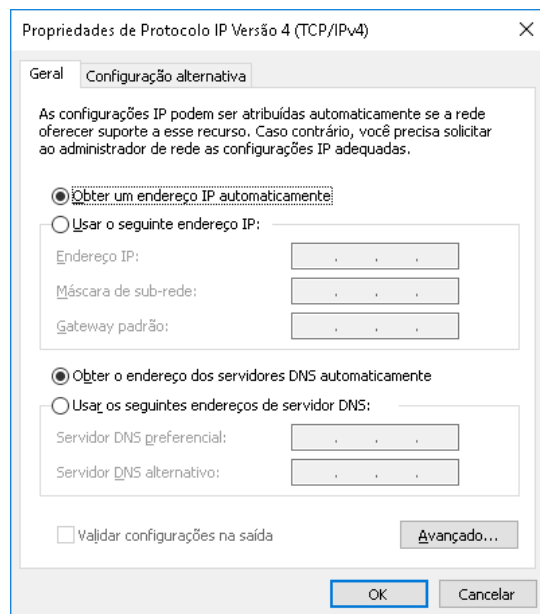


1.3 Configuração Lan (Modo Bridge)

- Clicar aba "Network" → Lan → DHCP Server
- No Campo "Enable DHCP Server" Deixar desmarcado
- No campo "Assign IspDNS" → Deixar marcado
- Botão "Submit"

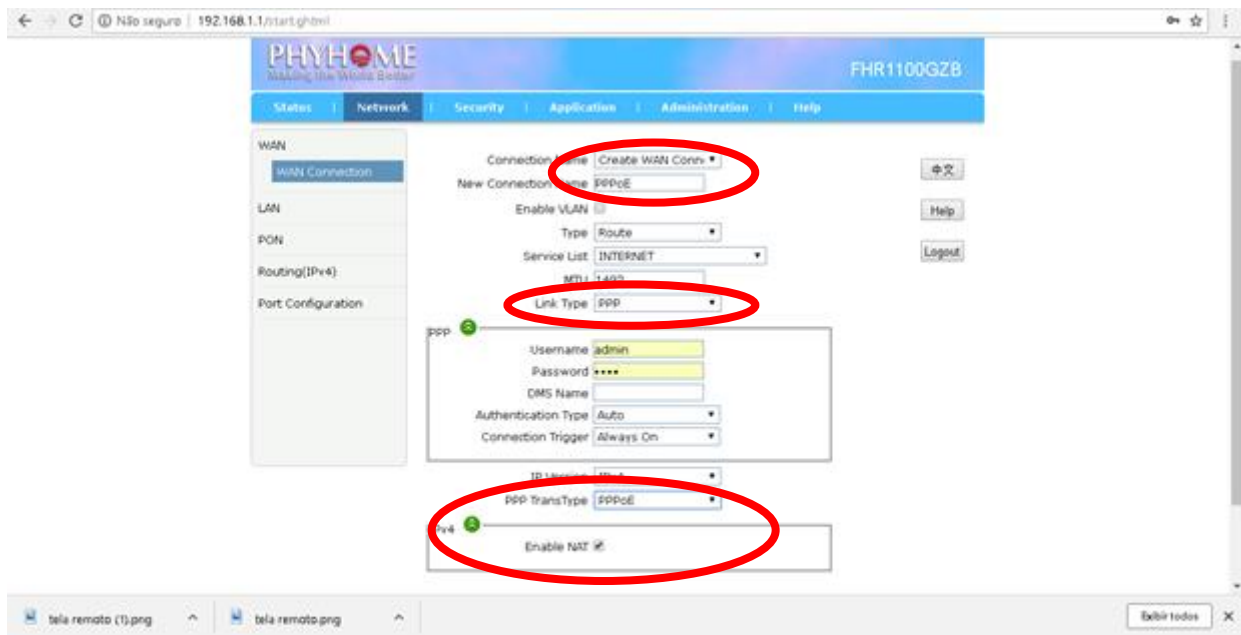


*** Em configurações do adaptador de rede, habilitar endereçamento automático.



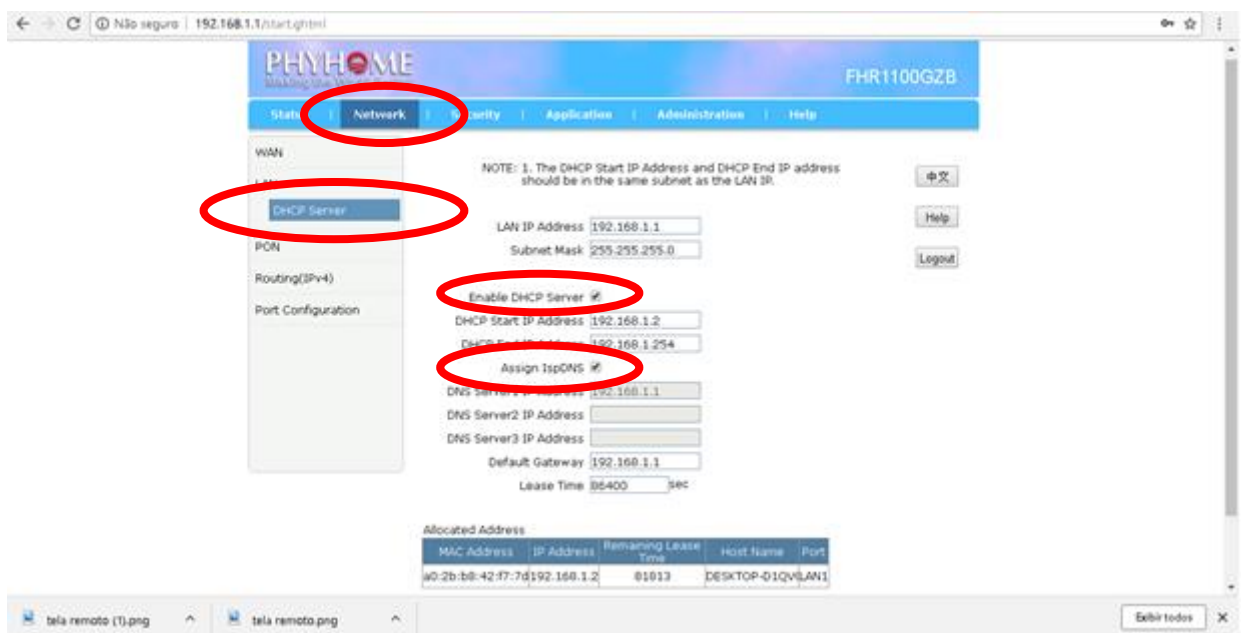
1.4 Configuração Wan (Modo Router - PPPoE)

- Clicar aba "Network" → Wan Connection
- No Campo "New Connection Name" digitar qualquer nome
- Se utilizar Vlan – habilitar campo "Enable VLAN"
- No campo "Link Type" escolher opção "PPP"
- No campo "PPP TransType" escolher opção "PPPoE"
- Deixar opção "Enable NAT" habilitado
- Botão "Create"



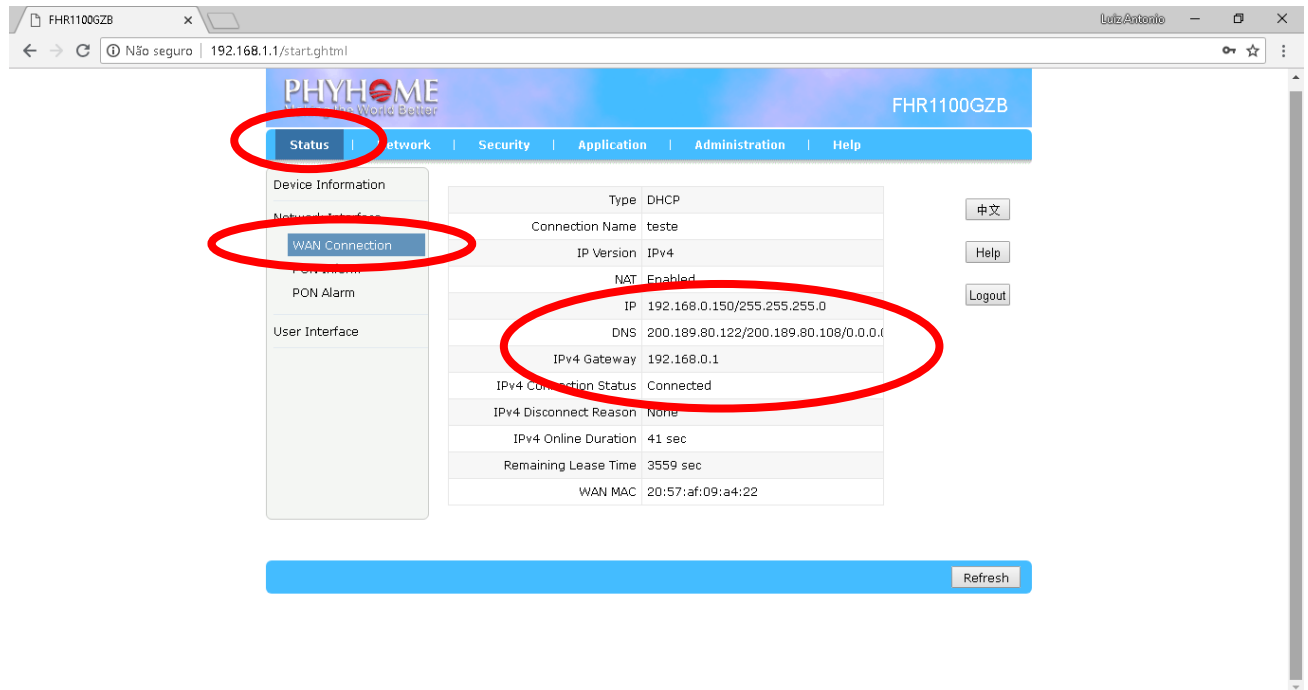
1.5 Configuração Lan (Modo Router - PPPoE)

- Clicar aba "Network" → Lan → DHCP Server
- No Campo "Enable DHCP Server" → Deixar marcado
- No campo "Assign IspDNS" → Deixar marcado
- Botão "Submit"



1.6 Consultar Status

- Clicar aba "Status" → Wan Connection



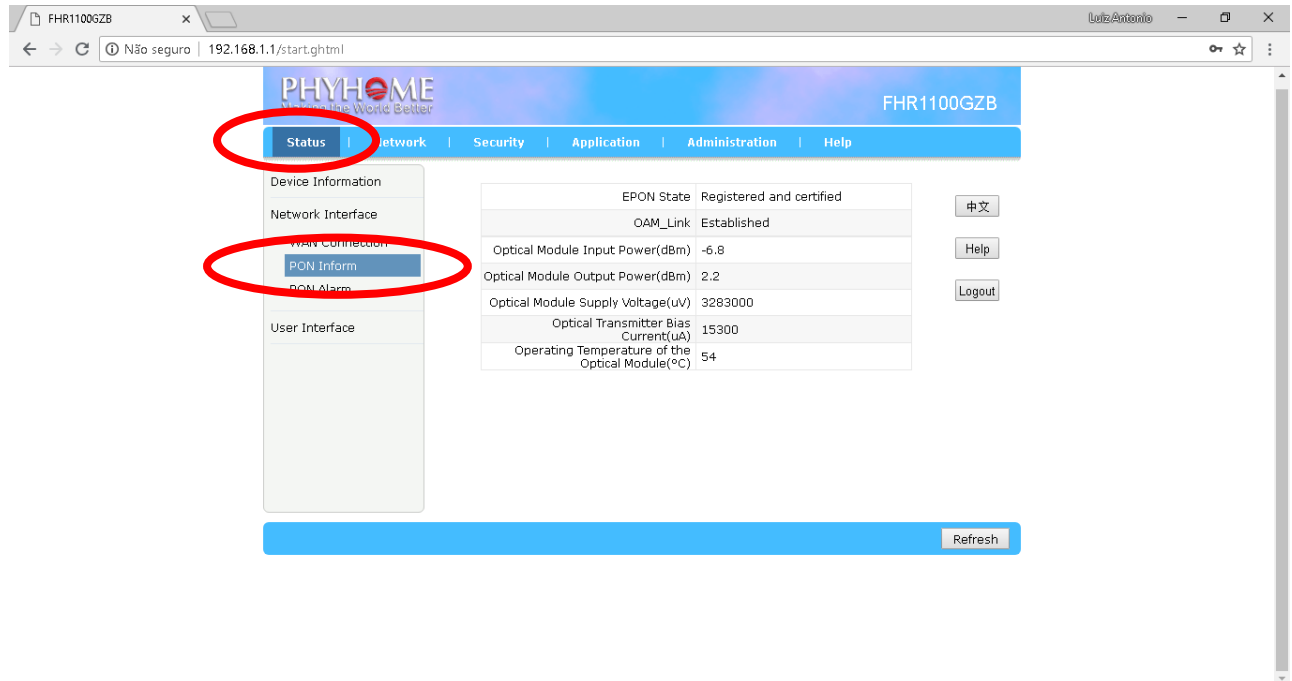
The screenshot shows the PHYHOME FHR1100GZB web interface. The browser address bar shows the URL `192.168.1.1/start.ghtml`. The interface has a blue header with the PHYHOME logo and the device ID `FHR1100GZB`. A navigation menu includes **Status**, Network, Security, Application, Administration, and Help. The **Status** menu item is circled in red. On the left sidebar, the **WAN Connection** link is also circled in red. The main content area displays the following connection details:

Type	DHCP
Connection Name	teste
IP Version	IPv4
NAT	Enabled
IP	192.168.0.150/255.255.255.0
DNS	200.189.80.122/200.189.80.108/0.0.0.0
IPv4 Gateway	192.168.0.1
IPv4 Connection Status	Connected
IPv4 Disconnect Reason	None
IPv4 Online Duration	41 sec
Remaining Lease Time	3559 sec
WAN MAC	20:57:af:09:a4:22

Additional elements include a `Refresh` button at the bottom right, and buttons for `中文`, `Help`, and `Logout` on the right side of the table.

1.7 Consultar Sinal PON

- Clicar aba "Status" → Pon Inform



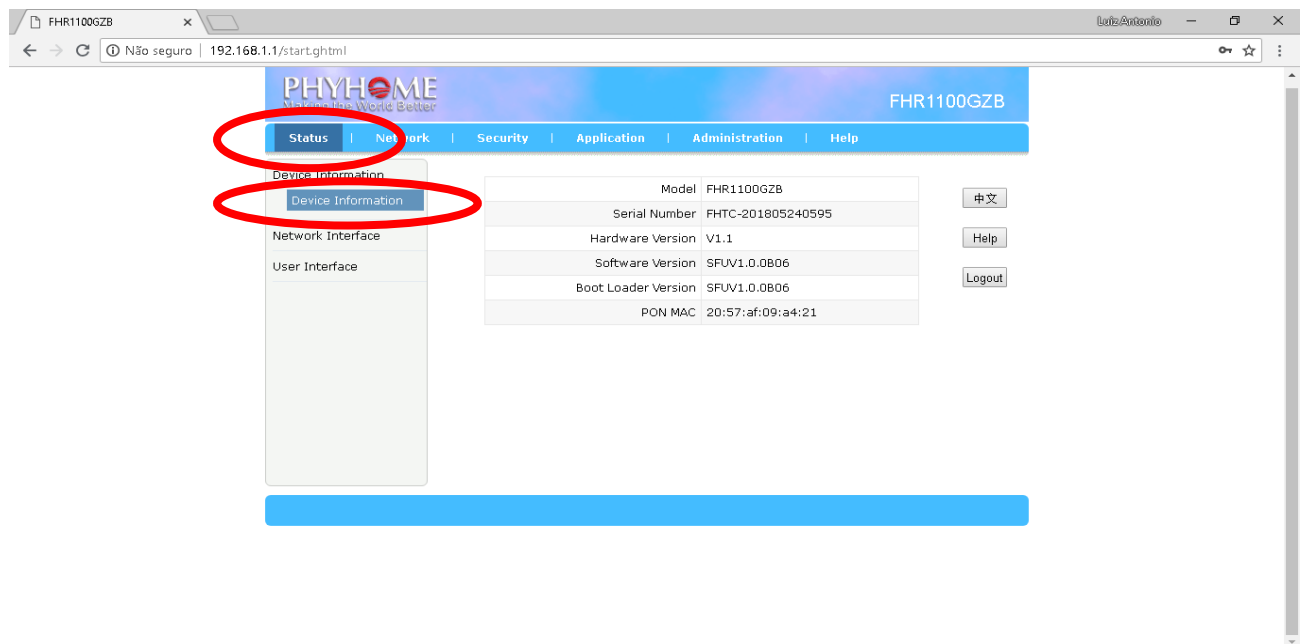
The screenshot shows the PHYHOME web interface for device FHR1100GZB. The 'Status' menu item is highlighted in the top navigation bar. In the left sidebar, the 'PON Inform' option is highlighted. The main content area displays the following information:

EPON State	Registered and certified
OAM_Link	Established
Optical Module Input Power(dBm)	-6.8
Optical Module Output Power(dBm)	2.2
Optical Module Supply Voltage(uV)	3283000
Optical Transmitter Bias Current(uA)	15300
Operating Temperature of the Optical Module(°C)	54

Additional buttons visible include '中文', 'Help', 'Logout', and 'Refresh'.

1.8 Consultar Versão Firmware

- Clicar aba "Status" → Device Information



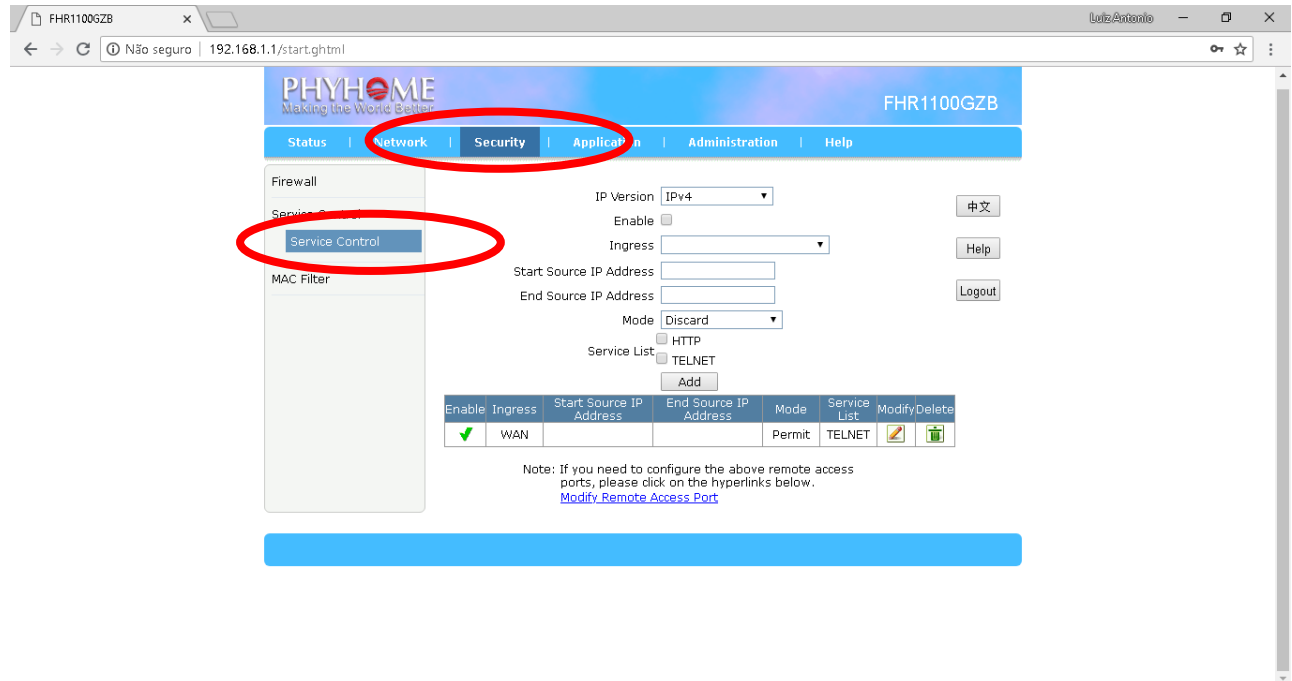
The screenshot shows the PHYHOME web interface for device FHR1100GZB. The 'Status' menu item is highlighted in the top navigation bar. In the left sidebar, the 'Device Information' option is highlighted. The main content area displays the following information:

Model	FHR1100GZB
Serial Number	FHTC-201805240595
Hardware Version	V1.1
Software Version	SFUV1.0.0B06
Boot Loader Version	SFUV1.0.0B06
PON MAC	20:57:af:09:a4:21

Additional buttons visible include '中文', 'Help', and 'Logout'.

1.9 Configurar Acesso Remoto

- Clicar aba "Security" → Service Control



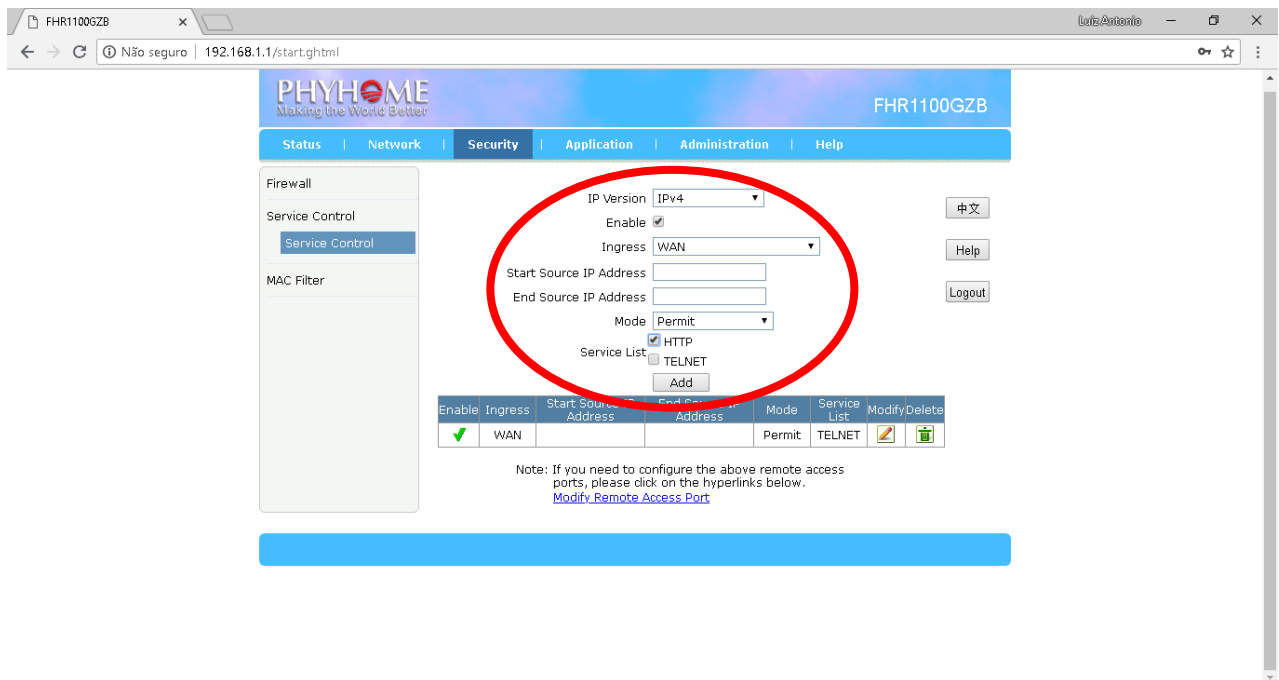
The screenshot shows the PHYHOME FHR1100GZB web interface. The 'Security' tab is selected, and the 'Service Control' sub-tab is highlighted. The configuration form shows the following settings:

- IP Version: IPv4
- Enable:
- Ingress: WAN
- Start Source IP Address: (empty)
- End Source IP Address: (empty)
- Mode: Permit
- Service List: TELNET (selected)

Enable	Ingress	Start Source IP Address	End Source IP Address	Mode	Service List	Modify	Delete
<input checked="" type="checkbox"/>	WAN			Permit	TELNET		

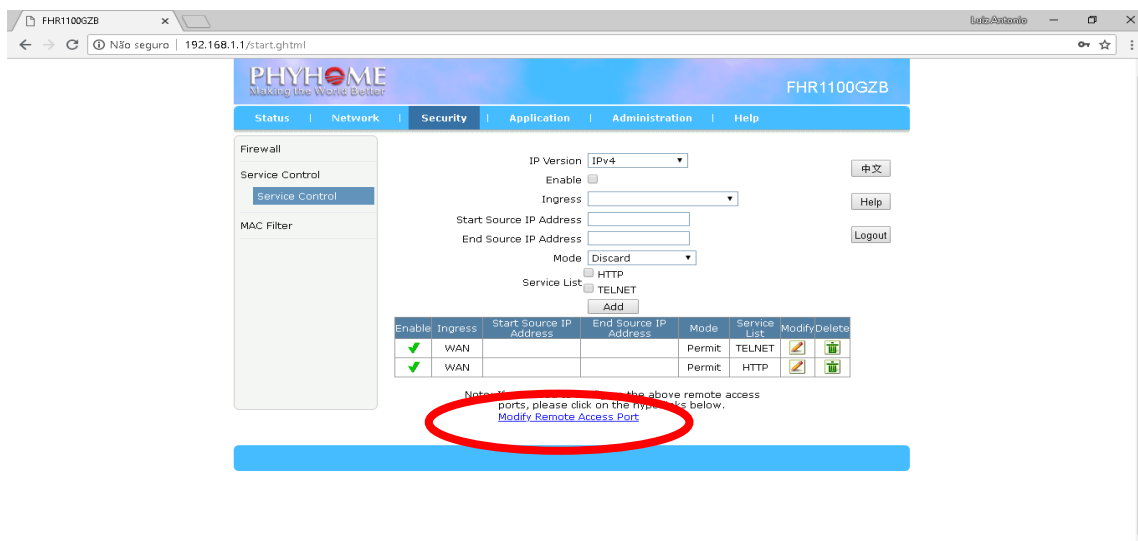
Note: If you need to configure the above remote access ports, please click on the hyperlinks below.
[Modify Remote Access Port](#)

- Habilitar Campo "Enable"
- No campo "Ingress" escolher opção "WAN"
- No campo "Mode" escolher opção "Permit"
- Nas opções "Service List" → assinalar opção "HTTP"
- Botão "Create" "Add"

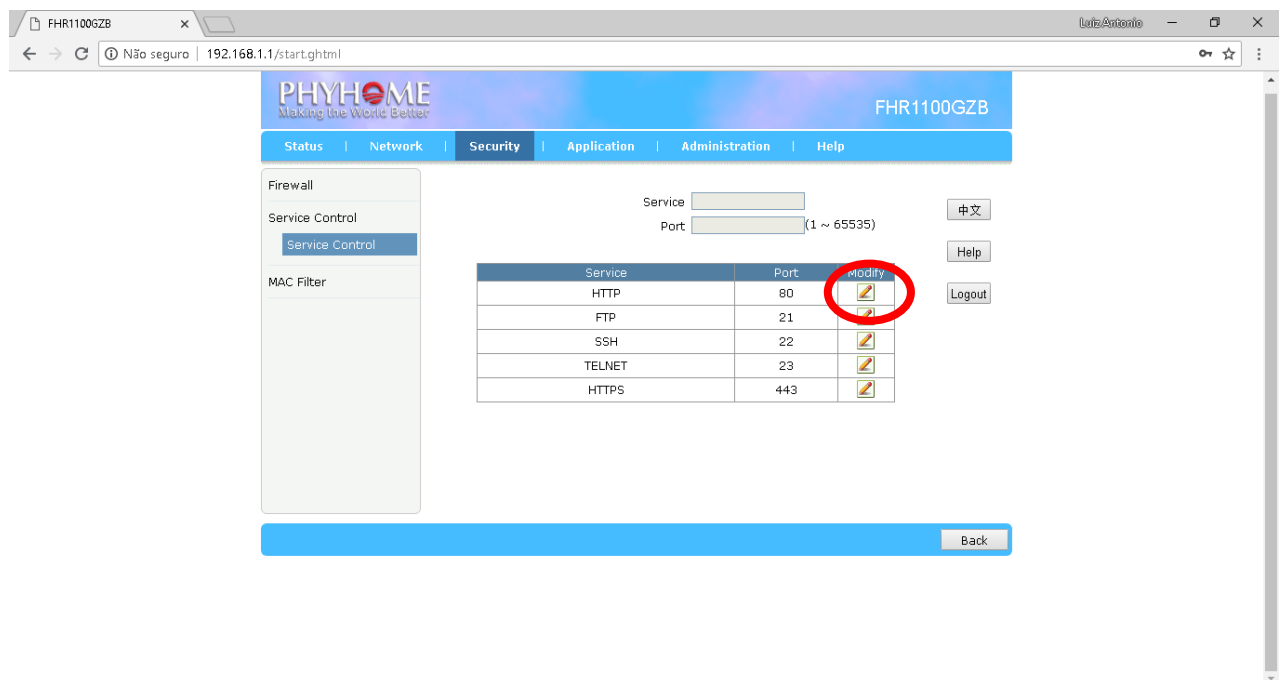


1.10 Modificar Porta Acesso Remoto- Serviço HTTP

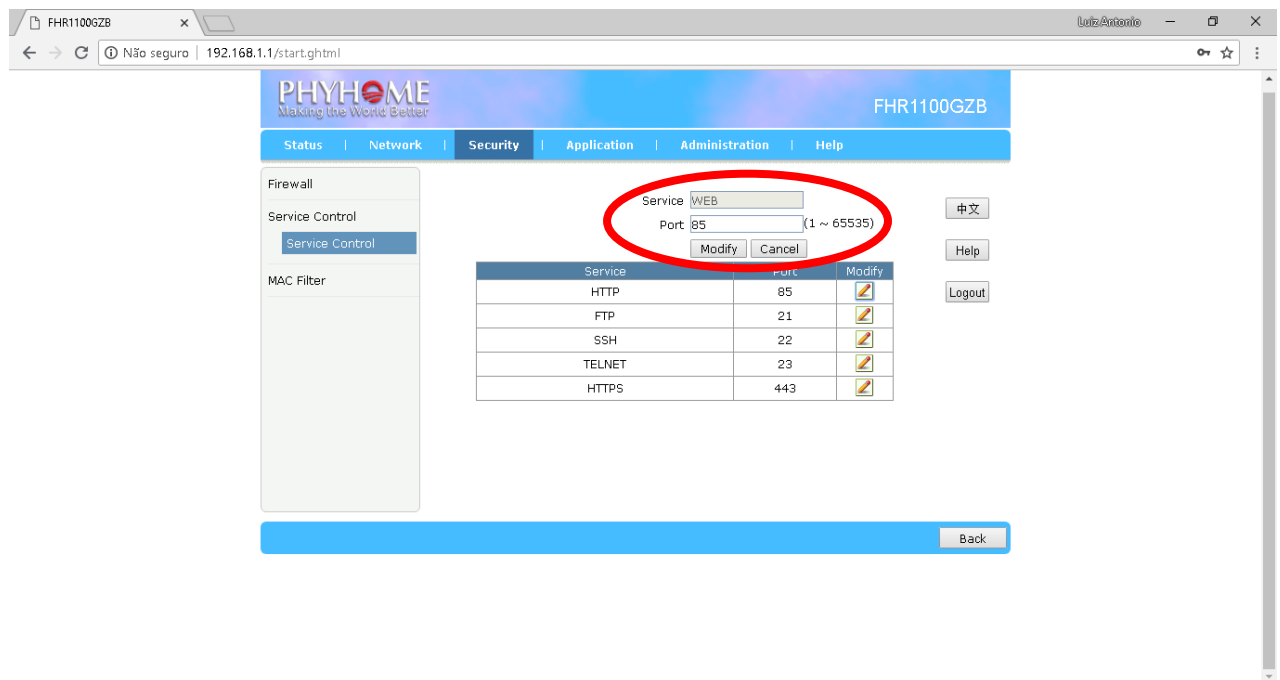
- Clicar na opção “Modify Remote Access Port” (Parte inferior da tela)



- Clicar botão “Modify” correspondente ao serviço HTTP

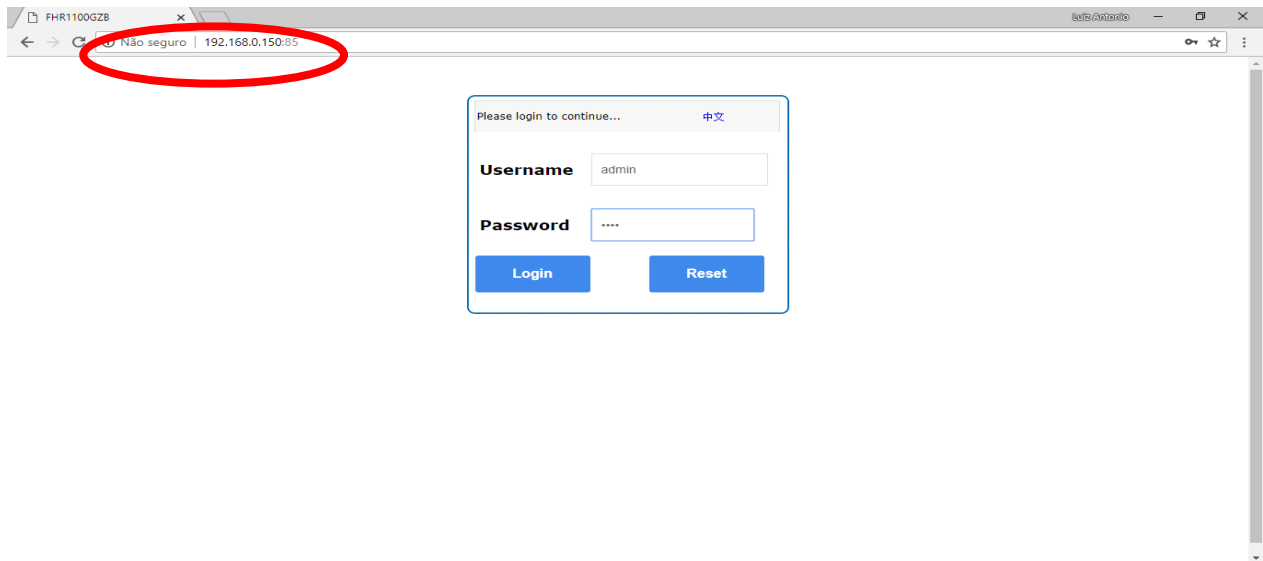


- No campo "Port" alterar valor padrão 80 para valor desejado (Exemplo Porta 85)



- Botão "Modify"
- Reiniciar ONU

Exemplo Acesso remote através da Porta 85



1.11 Redirecionamento de Portas

- Clicar aba "Application" → Port Forwarding
- No campo "Name" escolher nome qualquer
- Demais campos preencher conforme as portas que deseja redirecionar

