



Manual de Configuração ONU

FHR2100 - GPON

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1. CONFIGURAÇÃO GERENCIAMENTO ONU

A ONU FHR2100 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...

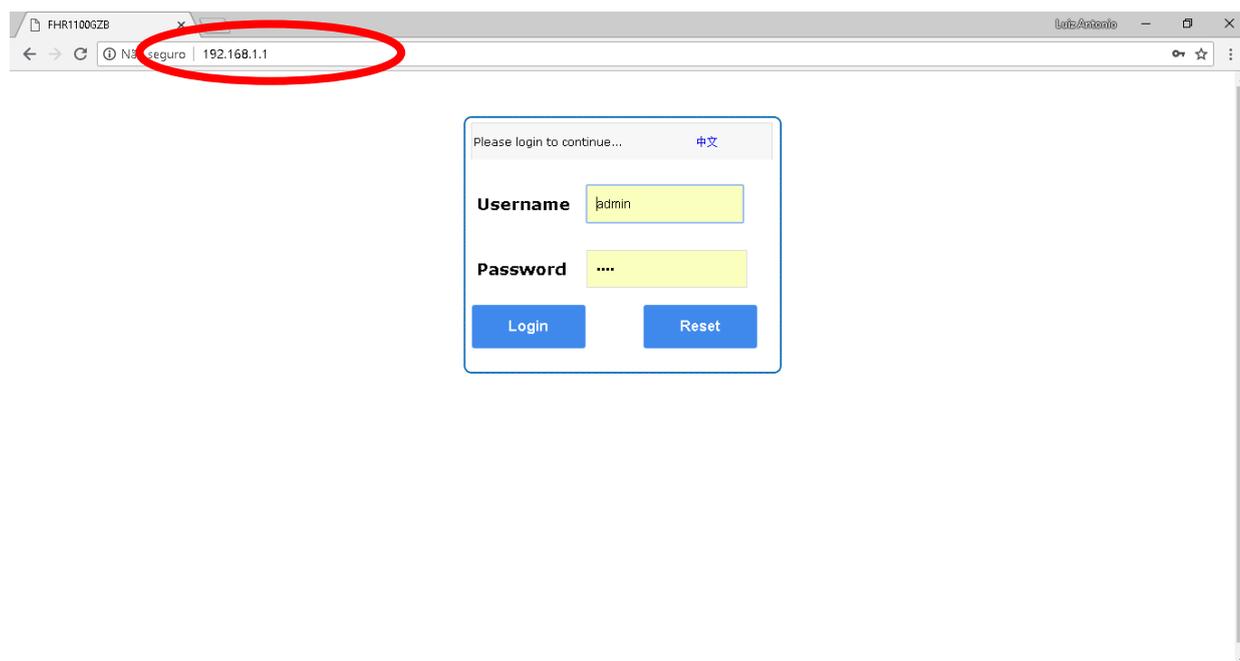
OK Cancelar

1.1 Acesso ONU

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

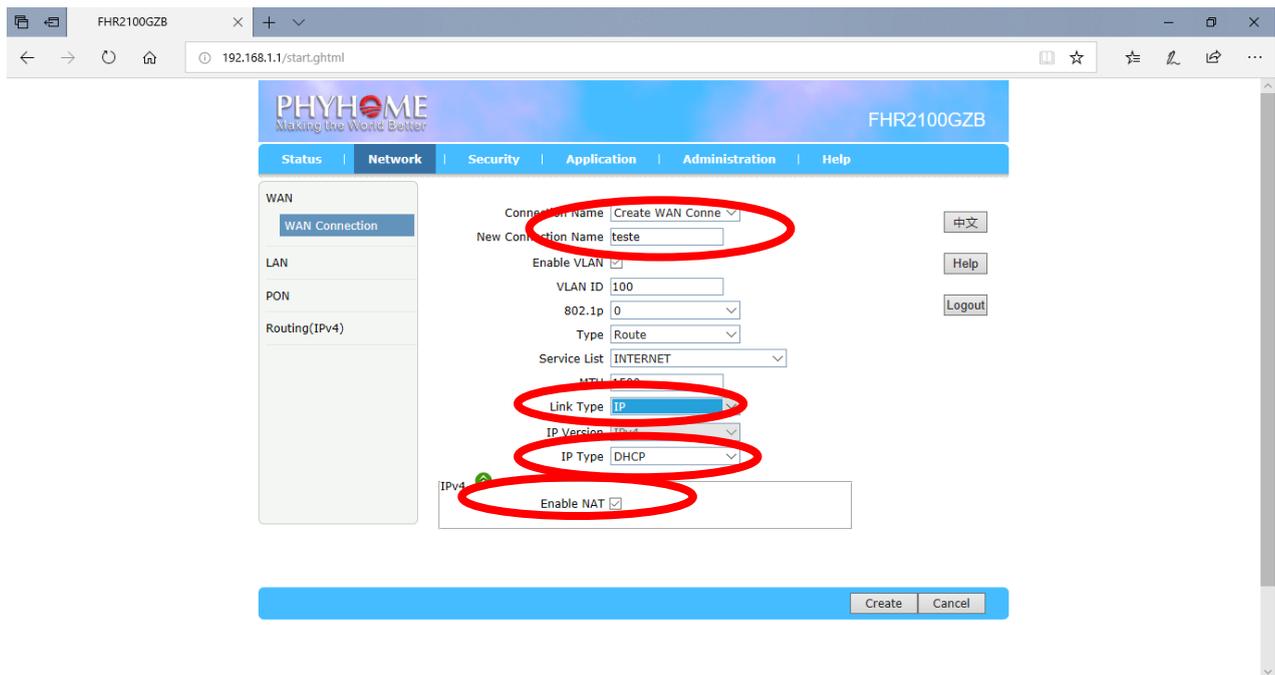
Username: **admin**

Password: **1234**



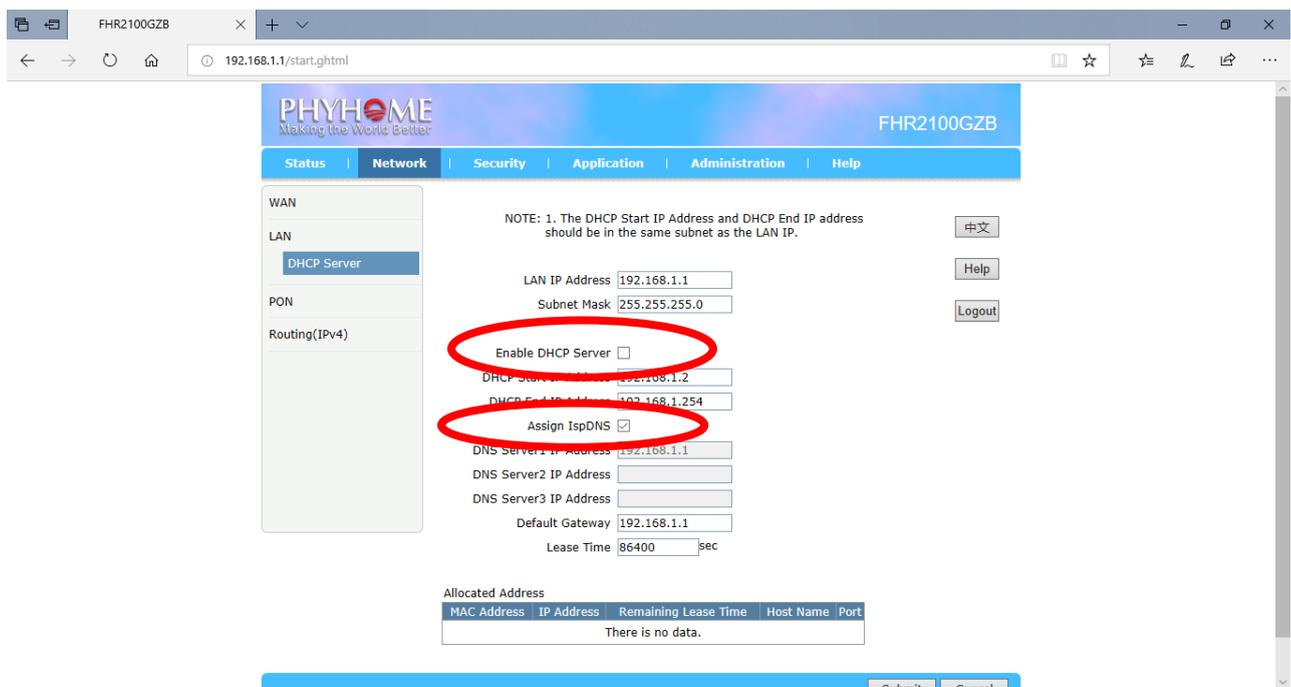
1.2 Configuração Wan (Modo Bridge)

- 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"

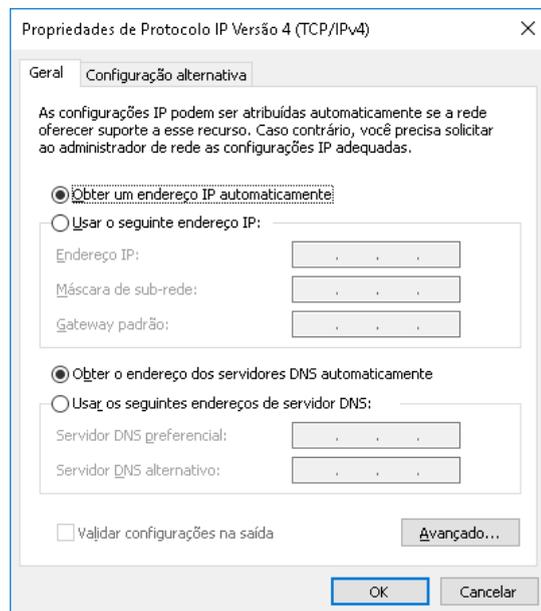


1.3 Configuração Lan (Modo Bridge)

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

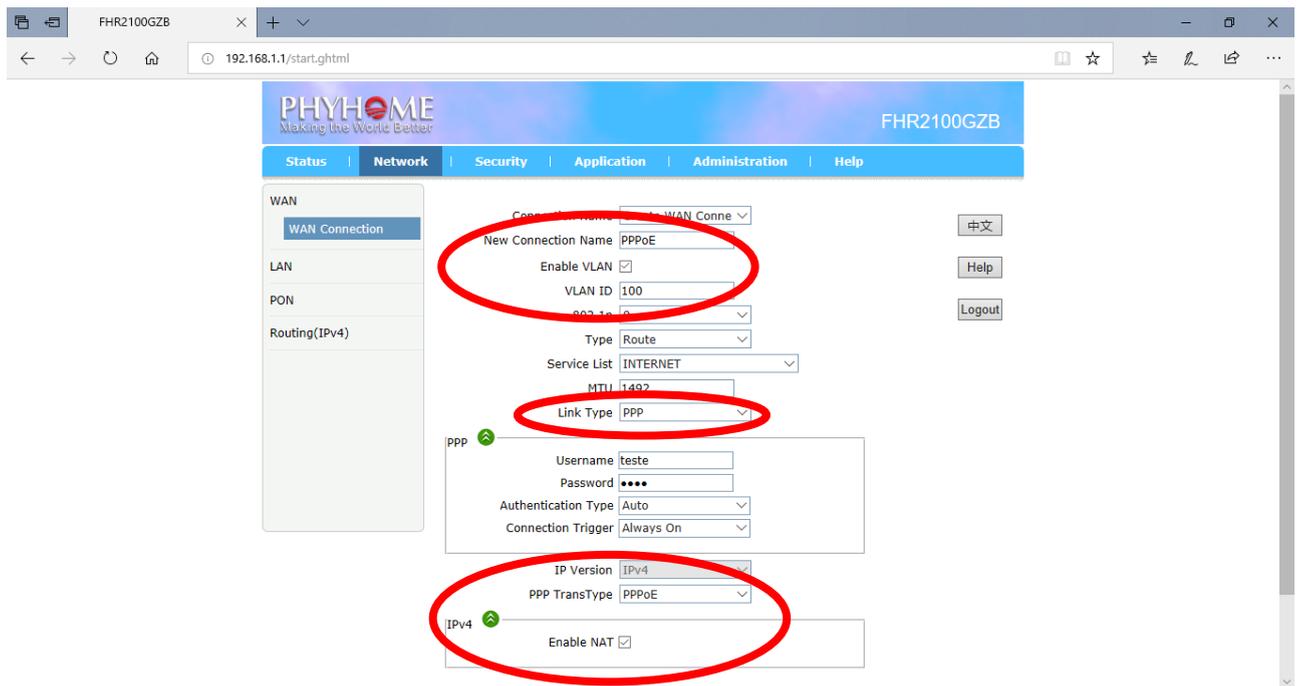


*** Em configurações do adaptador de rede, habilitar endereçamento automático.



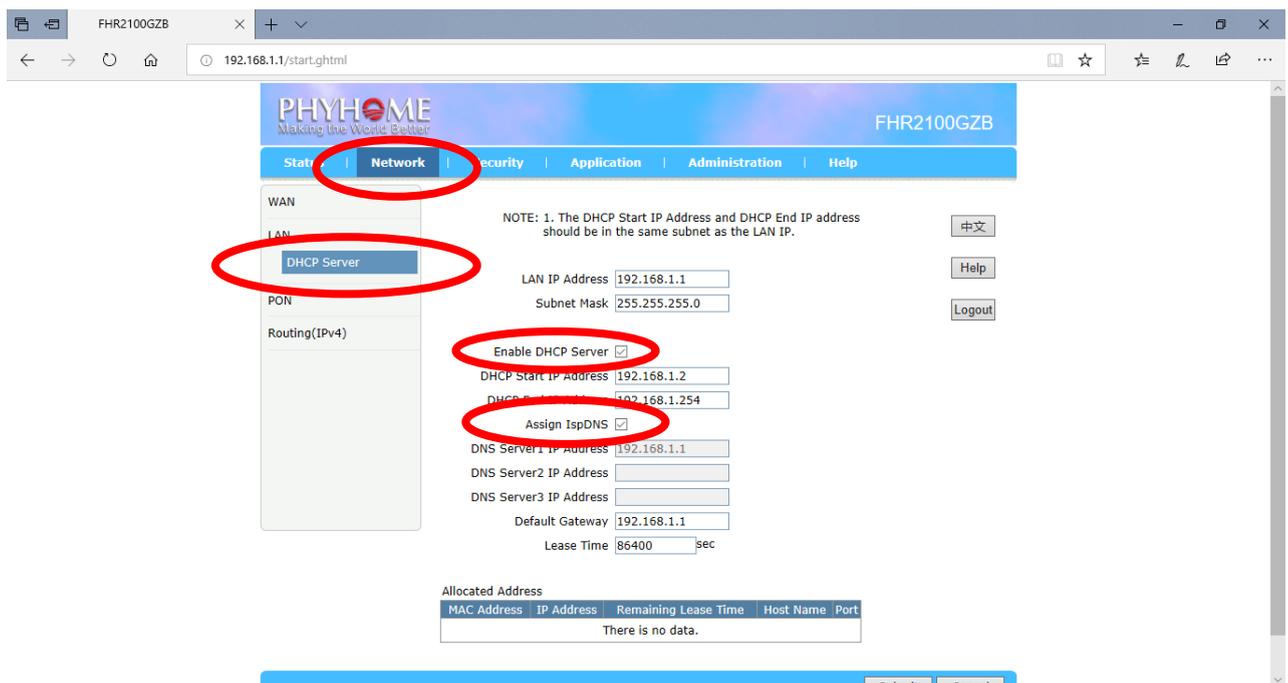
1.4 Configuração Wan (Modo Router - PPPoE)

- 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"



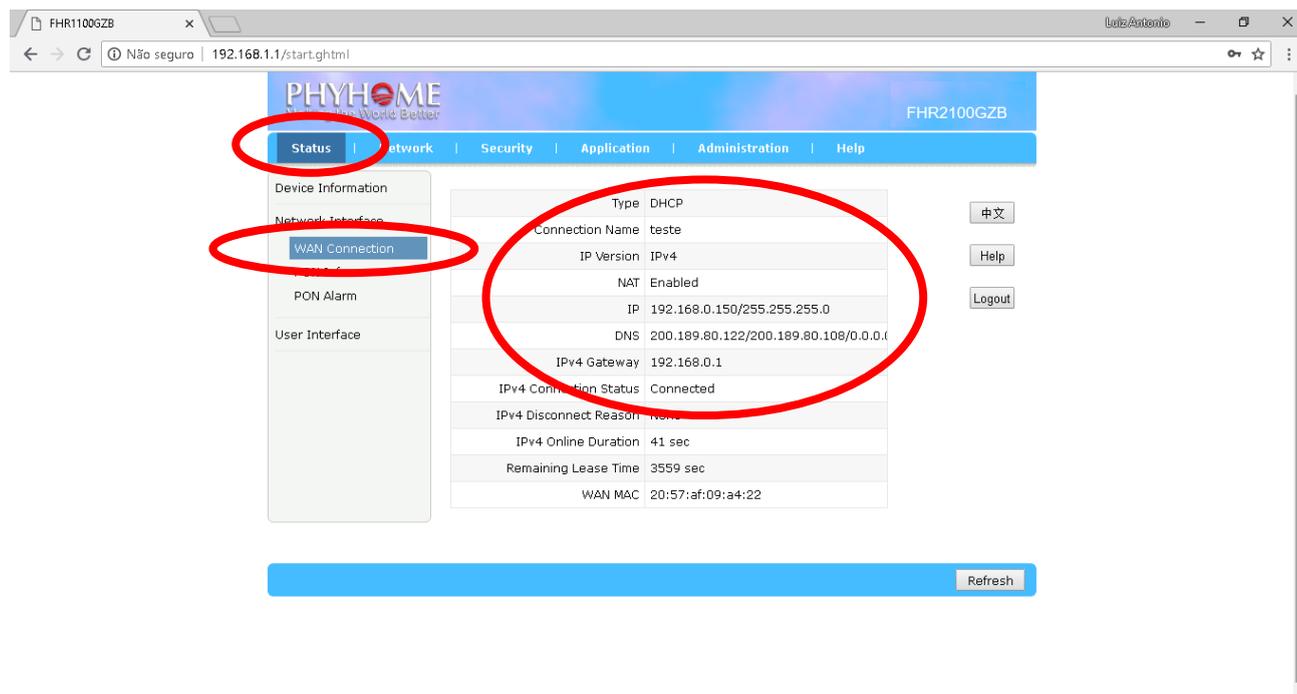
1.5 Configuração Lan (Modo Router - PPPoE)

- 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 web interface for device FHR2100GZB. The navigation menu includes Status, Network, Security, Application, Administration, and Help. The left sidebar contains sections for Device Information, Network Interface, WAN Connection, PON Alarm, and User Interface. The WAN Connection section is active, displaying 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 interface elements include a 'Refresh' button at the bottom right and language options (中文, Help, Logout) on the right side.

1.7 Consultar Sinal PON

- Clicar aba "Status" → Pon Inform

The screenshot shows a web browser window with the URL 192.168.1.1/start.ghtml. The page header includes the PHYHOME logo and the device ID FHR2100GZB. A navigation bar contains tabs for Status, Network, Security, Application, Administration, and Help. The 'Status' tab is selected and circled in red. A sidebar on the left lists menu items: Device Information, Network Interface, WAN Connection, PON Inform (circled in red), and PON Alarm. The main content area displays a table of PON status information.

GPON State	Registered and certified	中文
OAM_Link	Established	Help
Optical Module Input Power(dBm)	-6.8	Logout
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	

Refresh

1.8 Consultar Versão Firmware

- Clicar aba "Status" → Device Information

The screenshot shows the same web browser window as in 1.7, but with the 'Device Information' sub-menu selected in the sidebar (circled in red). The main content area displays a table of device information.

Model	FHR2100GZB	中文
Serial Number	FHTC-83220081	Help
Hardware Version	V1.1	Logout
Software Version	SFUV1.0.0B06	
Boot Loader Version	SFUV1.0.0B06	
PON Serial Number	FHTC83220081	
Password	83220081	
PON MAC	20:57:af:09:34:54	

1.9 Configurar Acesso Remoto

- Clicar aba "Security" → Service Control

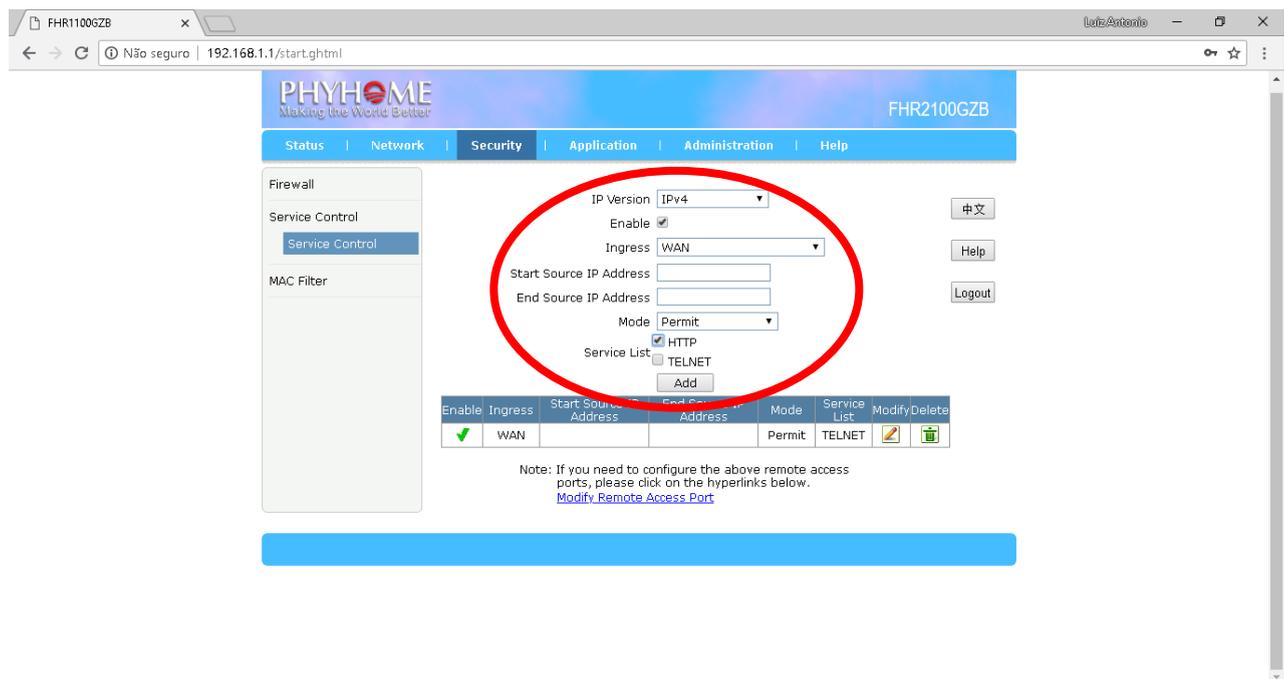
The screenshot shows the PHYHOME web interface for device FHR2100GZB. The 'Security' menu is selected, and the 'Service Control' sub-menu is active. The configuration page includes the following elements:

- IP Version: IPv4
- Enable:
- Ingress:
- Start Source IP Address:
- End Source IP Address:
- Mode:
- Service List: HTTP, TELNET
- Buttons: Add, 中文, Help, Logout

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

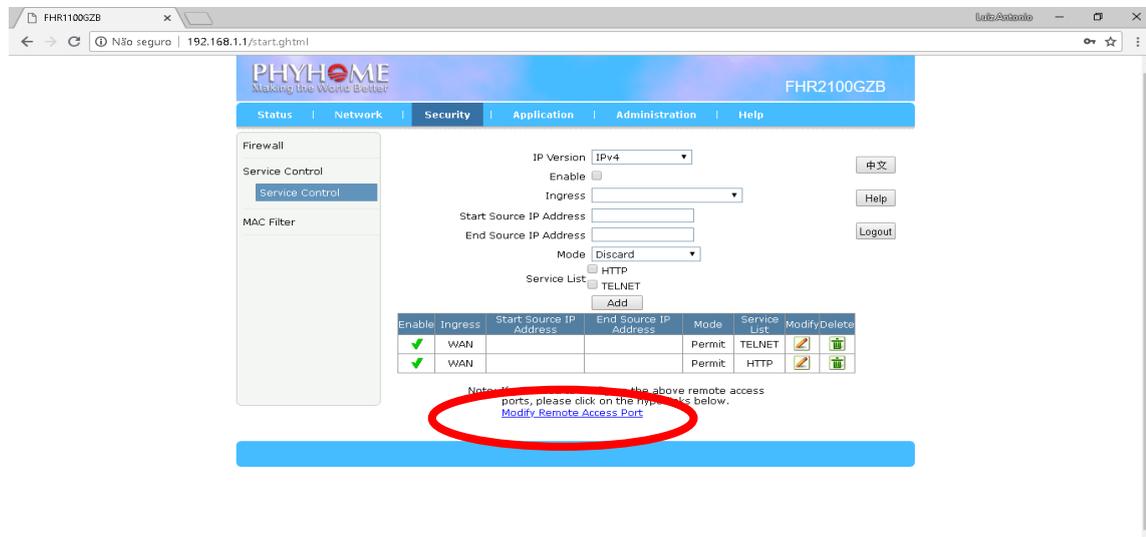
Note: If you need to configure the above remote access ports, please click on the hyperlinks below.
[Modify Remote Access Port](#)

- 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"

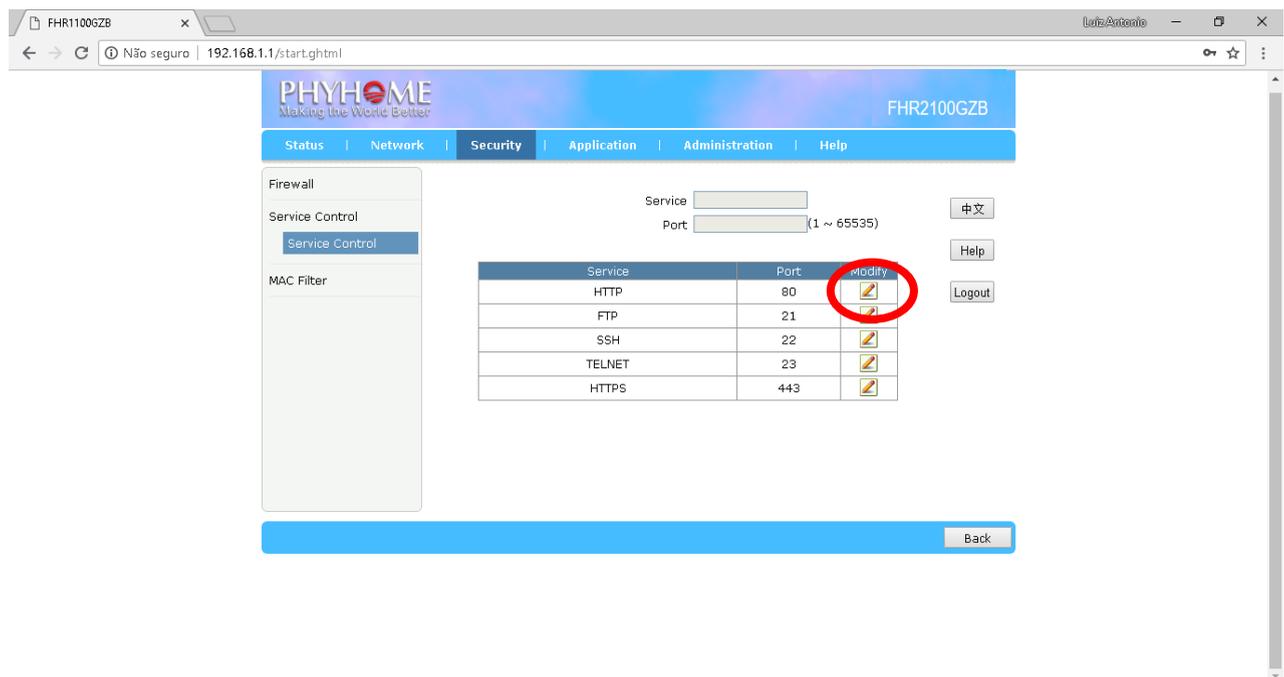


1.10 Modificar Porta Acesso Remoto- Serviço HTTP

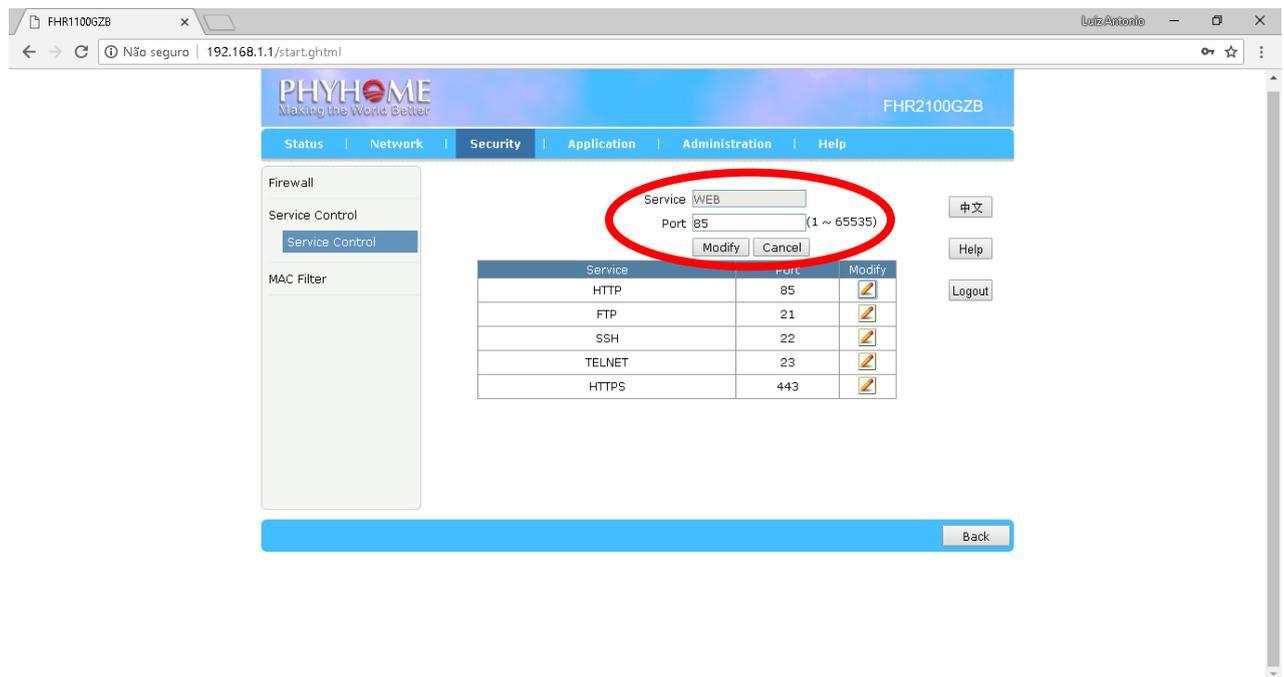
- Clicar na opção "Modify Remote Access Port" (Parte inferior da tela)



- Clicar botão "Modify" correspondente ao serviço HTTP

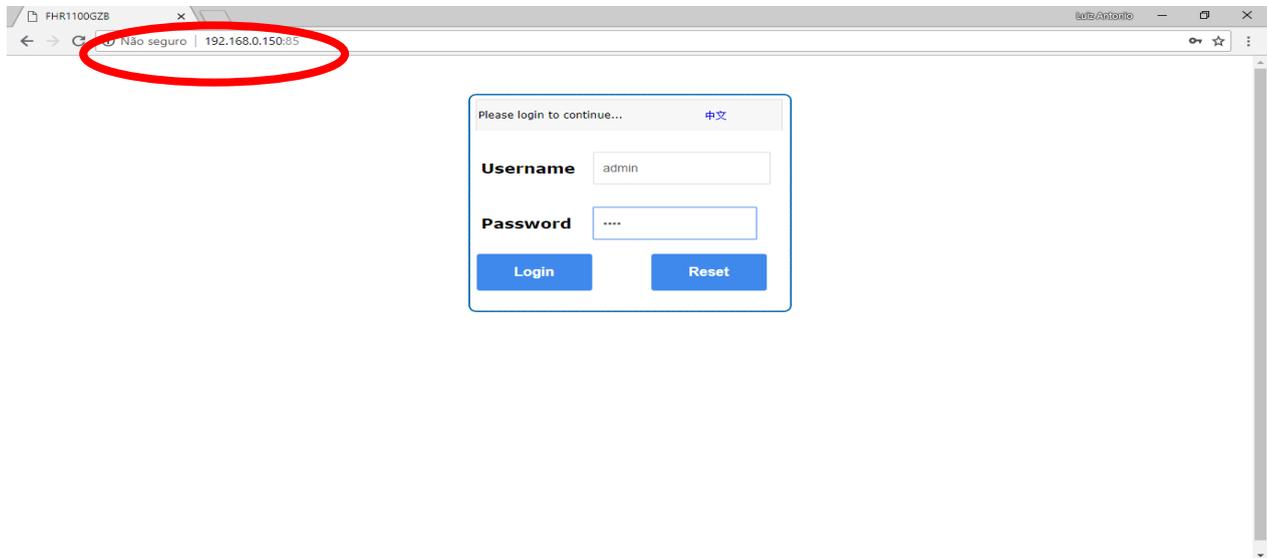


- No campo "Port" alterar valor padrão 80 para valor desejado (Exemplo Porta 85)



- 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

