



SHORELINE
Redefinindo conexões

PASSO A PASSO
CONFIGURAÇÃO DO EASY MESH

Passo EASY Mesh Controlador

O que é EasyMesh?

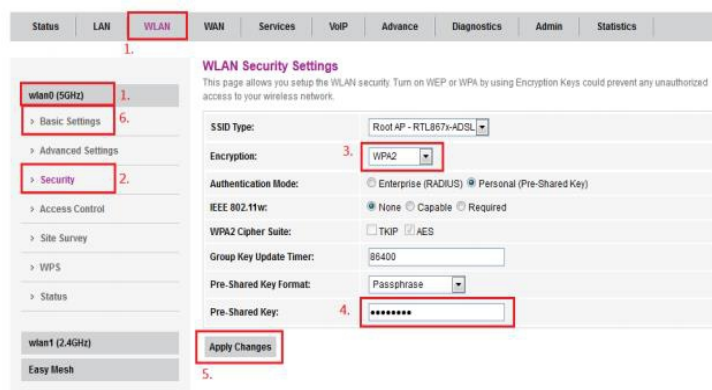
Wi-Fi CERTIFIED EasyMesh™ traz uma abordagem baseada em padrões para redes Wi-Fi que utilizam vários pontos de acesso (APs), combinando os benefícios de um Wi-Fi fácil de usar e auto adaptável com maior flexibilidade na escolha do dispositivo que vem com interoperabilidade Dispositivos Wi-Fi CERTIFIED™. As redes Wi-Fi EasyMesh™ empregam vários pontos de acesso que funcionam juntos para formar uma rede unificada que fornece Wi-Fi inteligente e eficiente em toda a casa e nos espaços externos.

Passo a passo

1º Passo

Configure o WI-FI normalmente. Configuração 5.8 GHZ

Configure a senha do Wifi corretamente, isto deve se feito antes pois caso mude a senha o processo ser necessário novamente



1. WLAN

1. wlan0 (5GHz)

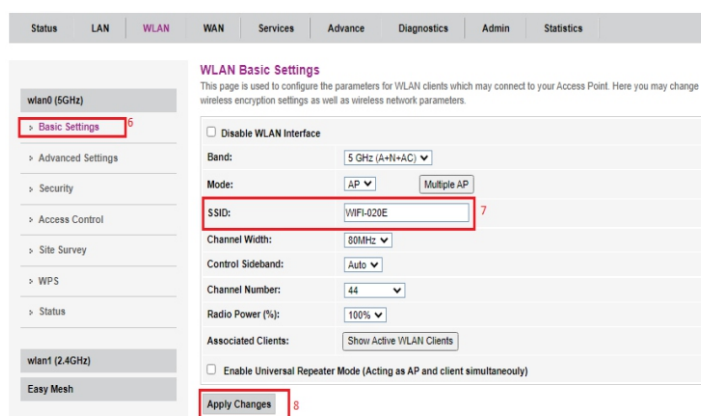
2. Security

3. Encryption: WPA2

4. Pre-Shared Key: *****

5. Apply Changes

Coloque o Nome do WIFI 5Ghz



6. Basic Settings

7. SSID: WIFI-020E

8. Apply Changes

Não esqueça de configurar a rede preferencial

Status LAN **WLAN** WAN Services VoIP Advance Diagnostics Admin Statistics

wlan0 (5GHz)

- > Basic Settings
- > Advanced Settings**
- > Security
- > Access Control
- > Site Survey
- > WPS
- > Status

wlan1 (2.4GHz)

Easy Mesh

WLAN Advanced Settings

These settings are only for more technically advanced users who have a sufficient knowledge about WLAN. These settings should not be changed unless you know what effect the changes will have on your Access Point.

Fragment Threshold: 2346 (256-2346)

RTS Threshold: 2347 (0-2347)

Beacon Interval: 100 (20-1024 ms)

DTIM Period: 1 (1-255)

Data Rate: Auto

Preamble Type: Long Preamble Short Preamble

Broadcast SSID: Enabled Disabled

Relay Blocking: Enabled Disabled

Protection: Enabled Disabled

Aggregation: Enabled Disabled

Short GI: Enabled Disabled

TX beamforming: Enabled Disabled

MU-MIMO: Enabled Disabled

Multicast to Unicast: Enabled Disabled

Band Steering: Enabled Disabled Prefer 5GHz

WMM Support: Enabled Disabled

802.11k Support: Enabled Disabled

802.11v Support: Enabled Disabled

Apply Changes

Configuração 2.4 GHZ

Status LAN **WLAN** WAN Services VoIP Advance Diagnostics Admin Statistics

wlan0 (5GHz)

wlan1 (2.4GHz)

- > Basic Settings
- > Security**
- > Access Control
- > Site Survey
- > WPS
- > Status

Easy Mesh

WLAN Security Settings

This page allows you setup the WLAN security. Turn on WEP or WPA by using Encryption Keys could prevent any unauthorized access to your wireless network.

SSID Type: Root AP - RTL867x-ADSL-WLAN1

Encryption: **WPA2**

Authentication Mode: Enterprise (RADIUS) Personal (Pre-Shared Key)

IEEE 802.11w: None Capable Required

WPA2 Cipher Suite: TKIP AES

Group Key Update Timer: 86400

Pre-Shared Key Format: Passphrase

Pre-Shared Key: *********

Apply Changes

Status LAN **WLAN** WAN Services Advance Diagnostics Admin Statistics

wlan0 (5GHz)

wlan1 (2.4GHz)

- > Basic Settings**
- > Advanced Settings
- > Security
- > Access Control
- > Site Survey
- > WPS
- > Status

Easy Mesh

WLAN Basic Settings

This page is used to configure the parameters for WLAN clients which may connect to your Access Point. Here you may change wireless encryption settings as well as wireless network parameters.

Disable WLAN Interface

Band: 5 GHz (A+N+AC)

Mode: AP Multiple AP

SSID: WIFI-020E

Channel Width: 80MHz

Control Sideband: Auto

Channel Number: 44

Radio Power (%): 100%

Associated Clients: Show Active WLAN Clients

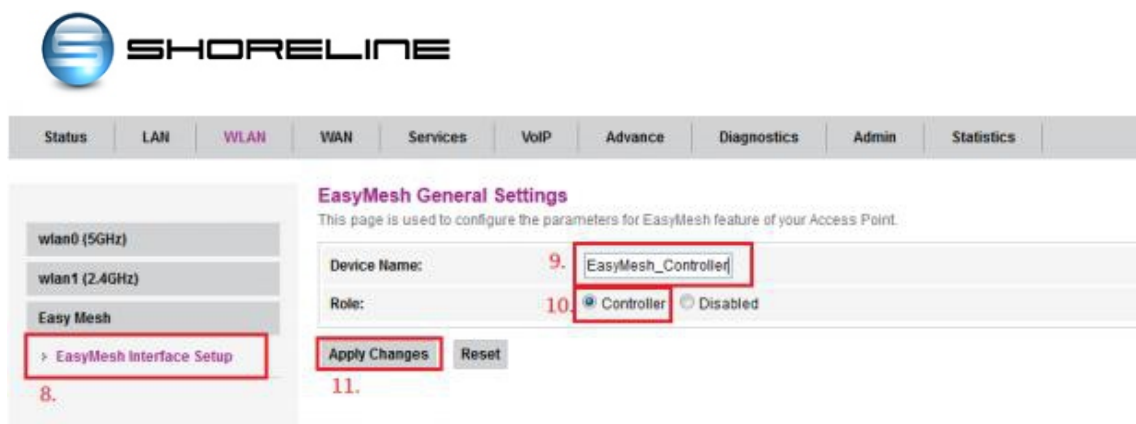
Enable Universal Repeater Mode (Acting as AP and client simultaneously)

Apply Changes

2° Passo

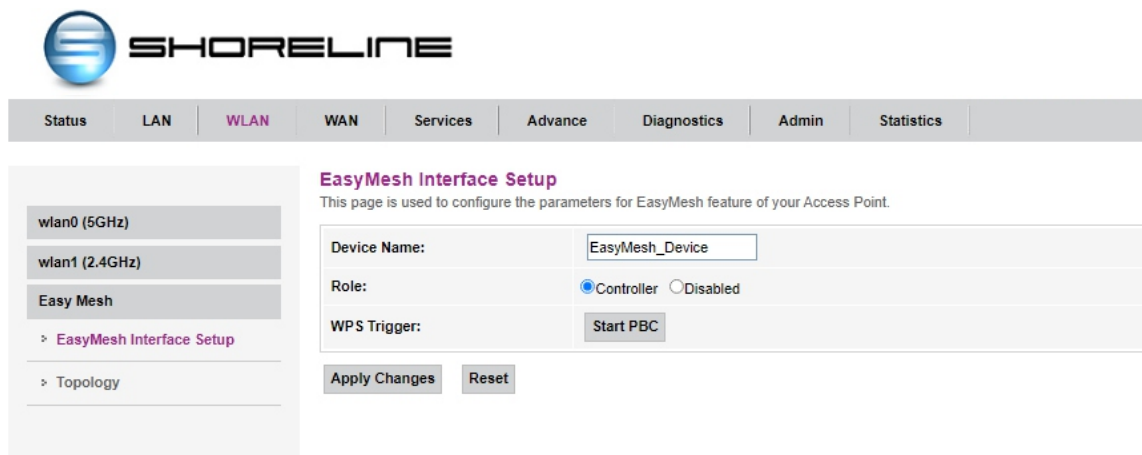
Configure o a ONU 1020w como controlador da rede *EasyMesh*

Acesse a ONU como administrador e acesse as configure



The screenshot shows the Shoreline web interface. The top navigation bar includes Status, LAN, WLAN, WAN, Services, VoIP, Advance, Diagnostics, Admin, and Statistics. The left sidebar has links for wlan0 (5GHz), wlan1 (2.4GHz), Easy Mesh, and EasyMesh Interface Setup (8). The main content area is titled 'EasyMesh General Settings' and contains the following fields: Device Name: EasyMesh_Controller (9), Role: Controller (10) (radio button selected), and buttons for Apply Changes (11) and Reset.

Após ativar a configuração estará desta forma.

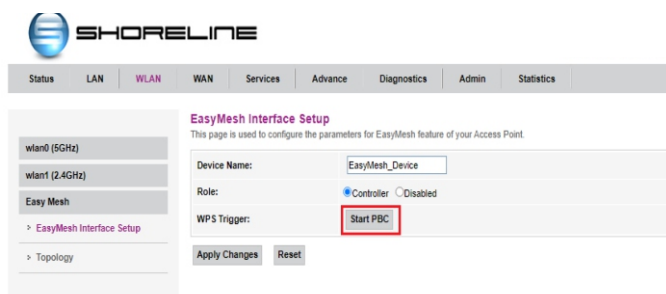


The screenshot shows the Shoreline web interface. The top navigation bar includes Status, LAN, WLAN, WAN, Services, Advance, Diagnostics, Admin, and Statistics. The left sidebar has links for wlan0 (5GHz), wlan1 (2.4GHz), Easy Mesh, EasyMesh Interface Setup, and Topology. The main content area is titled 'EasyMesh Interface Setup' and contains the following fields: Device Name: EasyMesh_Device, Role: Controller (radio button selected), and WPS Trigger: Start PBC. Buttons for Apply Changes and Reset are visible.

3° Passo

Configure conexão Easymesh

1. Ligue o controlador EasyMesh.
2. Ligue o agente Mesh.
3. Acione o botão WPS do dispositivo 1020W, via sistema clicando em “Start PBC”.
4. Acione o botão WPS do dispositivo Mesh cliente.



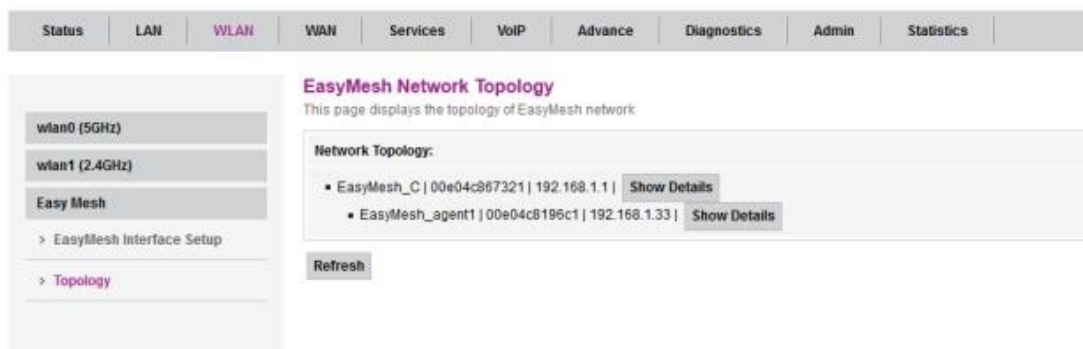
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4º Passo

Verificando e Gerenciando os Mesh de sua rede.

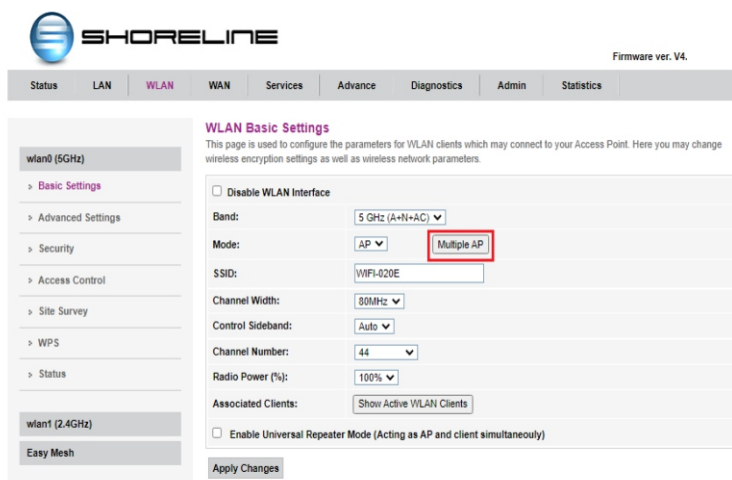
Acesse a opção Topology dentro de WLAN>Easy Mesh. Esta seria a Árvore de conexão mesh.

Nesta seção você conseguirá verificar a rede mesh lembre-se que há um limite de 4 mesh neste sistema .

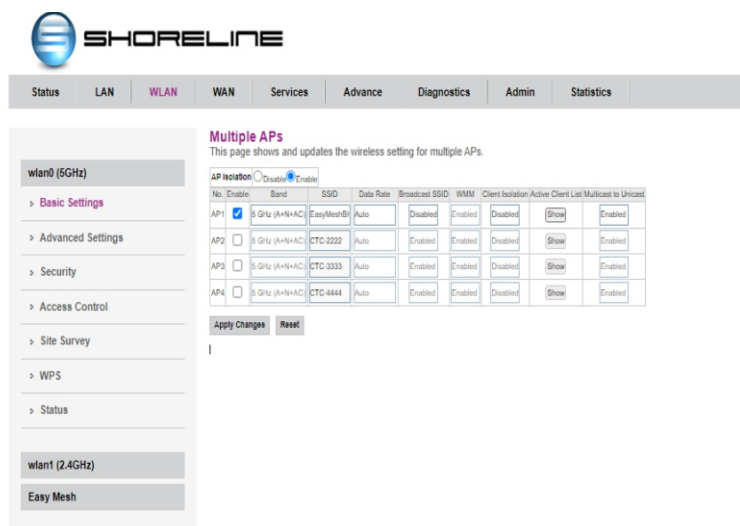


The screenshot shows the 'EasyMesh Network Topology' page. The navigation menu includes Status, LAN, WLAN, WAN, Services, VoIP, Advance, Diagnostics, Admin, and Statistics. The left sidebar shows 'wlan0 (5GHz)', 'wlan1 (2.4GHz)', and 'Easy Mesh' with sub-options for 'EasyMesh Interface Setup' and 'Topology'. The main content area is titled 'EasyMesh Network Topology' and contains the text: 'This page displays the topology of EasyMesh network'. Below this, the 'Network Topology:' section lists two mesh nodes: 'EasyMesh_C | 00e04c8b7321 | 192.168.1.1' and 'EasyMesh_agent1 | 00e04cb196c1 | 192.168.1.33', each with a 'Show Details' button. A 'Refresh' button is located at the bottom of the topology section.

Caso queira desativar o conferir as conexões mesh ativas acesse:



The screenshot shows the 'WLAN Basic Settings' page. The navigation menu includes Status, LAN, WLAN, WAN, Services, Advance, Diagnostics, Admin, and Statistics. The left sidebar shows 'wlan0 (5GHz)', 'wlan1 (2.4GHz)', and 'Easy Mesh' with sub-options for 'Basic Settings', 'Advanced Settings', 'Security', 'Access Control', 'Site Survey', 'WPS', and 'Status'. The main content area is titled 'WLAN Basic Settings' and contains the text: 'This page is used to configure the parameters for WLAN clients which may connect to your Access Point. Here you may change wireless encryption settings as well as wireless network parameters.' Below this, there are several configuration options: 'Disable WLAN Interface' (checkbox), 'Band: 5 GHz (A+N+AC)', 'Mode: AP' (dropdown), 'SSID: WIFI-020E', 'Channel Width: 80MHz', 'Control Sideband: Auto', 'Channel Number: 44', 'Radio Power (%): 100%', and 'Associated Clients: Show Active WLAN Clients'. There is also an option for 'Enable Universal Repeater Mode (Acting as AP and client simultaneously)'. An 'Apply Changes' button is at the bottom.



The screenshot shows the 'Multiple APs' page. The navigation menu includes Status, LAN, WLAN, WAN, Services, Advance, Diagnostics, Admin, and Statistics. The left sidebar shows 'wlan0 (5GHz)', 'wlan1 (2.4GHz)', and 'Easy Mesh' with sub-options for 'Basic Settings', 'Advanced Settings', 'Security', 'Access Control', 'Site Survey', 'WPS', and 'Status'. The main content area is titled 'Multiple APs' and contains the text: 'This page shows and updates the wireless setting for multiple APs.' Below this, there is a table with columns: 'No.', 'Enable', 'Band', 'SSID', 'Data Rate', 'Broadcast SSID', 'WMM', 'Client Isolation', 'Active Client List', 'Multicast to Unicast'. The table lists four APs (AP1, AP2, AP3, AP4) with their respective settings. AP1 is checked in the 'Enable' column. Below the table are 'Apply Changes' and 'Reset' buttons.

No.	Enable	Band	SSID	Data Rate	Broadcast SSID	WMM	Client Isolation	Active Client List	Multicast to Unicast
AP1	<input checked="" type="checkbox"/>	5 GHz (A+N+AC)	EasyMesh0	Auto	Disabled	Enabled	Disabled	Show	Enabled
AP2	<input type="checkbox"/>	5 GHz (A+N+AC)	CTC-2222	Auto	Enabled	Enabled	Disabled	Show	Enabled
AP3	<input type="checkbox"/>	5 GHz (A+N+AC)	CTC-3333	Auto	Enabled	Enabled	Disabled	Show	Enabled
AP4	<input type="checkbox"/>	5 GHz (A+N+AC)	CTC-4444	Auto	Enabled	Enabled	Disabled	Show	Enabled