

Configuration Steps for ARGV 1000 VDSL Modem through MDU (FTTH) only.

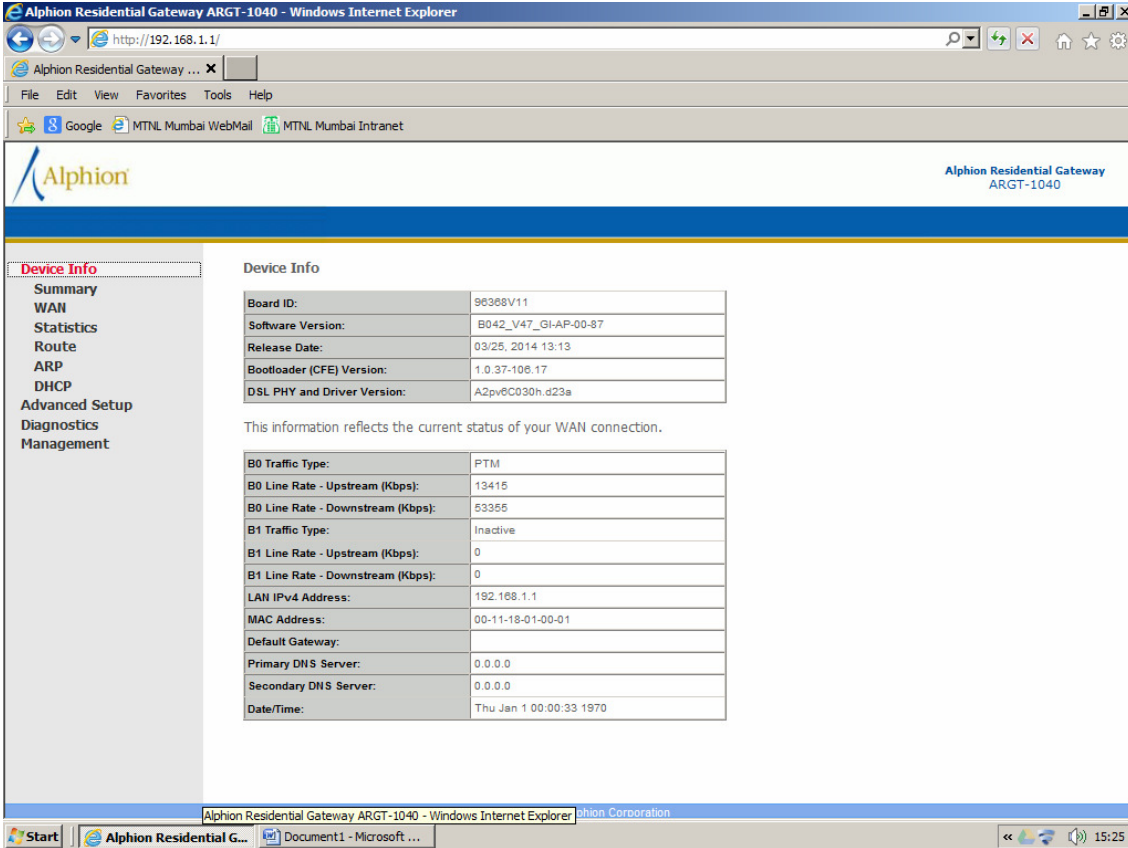
Step 1]

Open Router Page <http://192.168.1.1>

Username:- admin

Password:- admin

You will get Screen as below



The screenshot displays the configuration interface for an Aliphion Residential Gateway ARGV-1040. The browser window shows the URL <http://192.168.1.1/>. The page features a navigation menu on the left with options like Summary, WAN, Statistics, Route, ARP, DHCP, Advanced Setup, Diagnostics, and Management. The main content area is titled 'Device Info' and contains two tables of system information.

Device Info

Board ID:	96368V11
Software Version:	B042_V47_GH-AP-00-87
Release Date:	03/25, 2014 13:13
Bootloader (CFE) Version:	1.0.37-106.17
DSL PHY and Driver Version:	A2pv6C030h.d23a

This information reflects the current status of your WAN connection.

B0 Traffic Type:	PTM
B0 Line Rate - Upstream (Kbps):	13415
B0 Line Rate - Downstream (Kbps):	53355
B1 Traffic Type:	Inactive
B1 Line Rate - Upstream (Kbps):	0
B1 Line Rate - Downstream (Kbps):	0
LAN IPv4 Address:	192.168.1.1
MAC Address:	00-11-18-01-00-01
Default Gateway:	
Primary DNS Server:	0.0.0.0
Secondary DNS Server:	0.0.0.0
Date/Time:	Thu Jan 1 00:00:33 1970

Step 2]

Click on Advance Setup

Click on Layer2 Interface

Click on PTM Interface

You will get Screen as below

The screenshot shows a Windows Internet Explorer browser window displaying the Alphon Residential Gateway ARG-T-1040 web interface. The browser's address bar shows the URL <http://192.168.1.1/>. The page title is "Alphon Residential Gateway ARG-T-1040".

The interface features a navigation menu on the left side with the following items:

- Device Info
- Advanced Setup
 - Layer2 Interface
 - ATM Interface
 - PTM Interface**
 - ETH Interface
 - WAN Service
 - LAN
 - NAT
 - Security
 - Parental Control
 - Quality of Service
 - Routing
 - DNS
 - DSL
 - UPnP
 - Print Server
 - Interface Grouping
 - IPSec
 - Certificate
 - Multicast
 - Diagnostics
 - Management

The main content area is titled "DSL PTM Interface Configuration" and includes the instruction: "Choose Add, or Remove to configure DSL PTM interfaces." Below this instruction is a table with the following columns:

Interface	DSL Latency	PTM Priority	Connection Mode	IP QoS	Scheduler Alg	Queue Weight	Group Precedence	Remove
<input type="button" value="Add"/> <input type="button" value="Remove"/>								

At the bottom of the page, there is a copyright notice: "2009 © Copyright Alphon Corporation". The Windows taskbar at the bottom shows the Start button, the Alphon Residential Gateway icon, a Microsoft Word document titled "Document1 - Microsoft...", and the system clock showing 15:26.

Step-3]

Click Add Button

Select VLAN MUX Mode

You will get Screen as below

Aliphion Residential Gateway ARG-T-1040 - Windows Internet Explorer

http://192.168.1.1/

Aliphion Residential Gateway ARG-T-1040

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Aliphion Residential Gateway ARG-T-1040

Device Info
Advanced Setup
Layer2 Interface
ATM Interface
PTM Interface
ETH Interface
WAN Service
LAN
NAT
Security
Parental Control
Quality of Service
Routing
DNS
DSL
UPnP
Print Server
Interface Grouping
IPsec
Certificate
Multicast
Diagnostics
Management

PTM Configuration
This screen allows you to configure a PTM connection.

Select DSL Latency
 Path0
 Path1

Select PTM Priority
 Normal Priority
 High Priority (Preemption)

Select Connection Mode
 Default Mode - Single service over one connection
 VLAN MUX Mode - Multiple Vlan service over one connection

Select IP QoS Scheduler Algorithm
 Strict Priority
Precedence of the default queue: 8 (lowest)
 Weighted Fair Queuing
Weight Value of the default queue: [1-63]
MPAAL Group Precedence: 8

Back Apply/Save

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Step – 4]

Click on Apply/Save Button

You will get Screen as below

Alphon Residential Gateway ARG-T-1040 - Windows Internet Explorer

http://192.168.1.1/

Alphon Residential Gateway ARG-T-1040

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Alphon Residential Gateway ARG-T-1040

Device Info
Advanced Setup
Layer2 Interface
ATM Interface
PTM Interface
ETH Interface
WAN Service
LAN
NAT
Security
Parental Control
Quality of Service
Routing
DNS
DSL
UPnP
Print Server
Interface Grouping
IPSec
Certificate
Multicast
Diagnostics
Management

DSL PTM Interface Configuration

Choose Add, or Remove to configure DSL PTM interfaces.

Interface	DSL Latency	PTM Priority	Connection Mode	IP QoS	Scheduler Alg	Queue Weight	Group Precedence	Remove
ptm0	Path0	Normal	VlanMuxMode	Enabled	SP			<input type="checkbox"/>

Add Remove

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Now PTM Interface is created

Step – 5] Configuration of BB customer's Username and Password .

Click on WAN Service

Click Add Button

The screenshot shows the configuration interface for an Alphon Residential Gateway ARG-T-1040. The browser window is titled "Alphon Residential Gateway ARG-T-1040 - Windows Internet Explorer" and the address bar shows "http://192.168.1.1/". The page features the Alphon logo and the text "Alphon Residential Gateway ARG-T-1040".

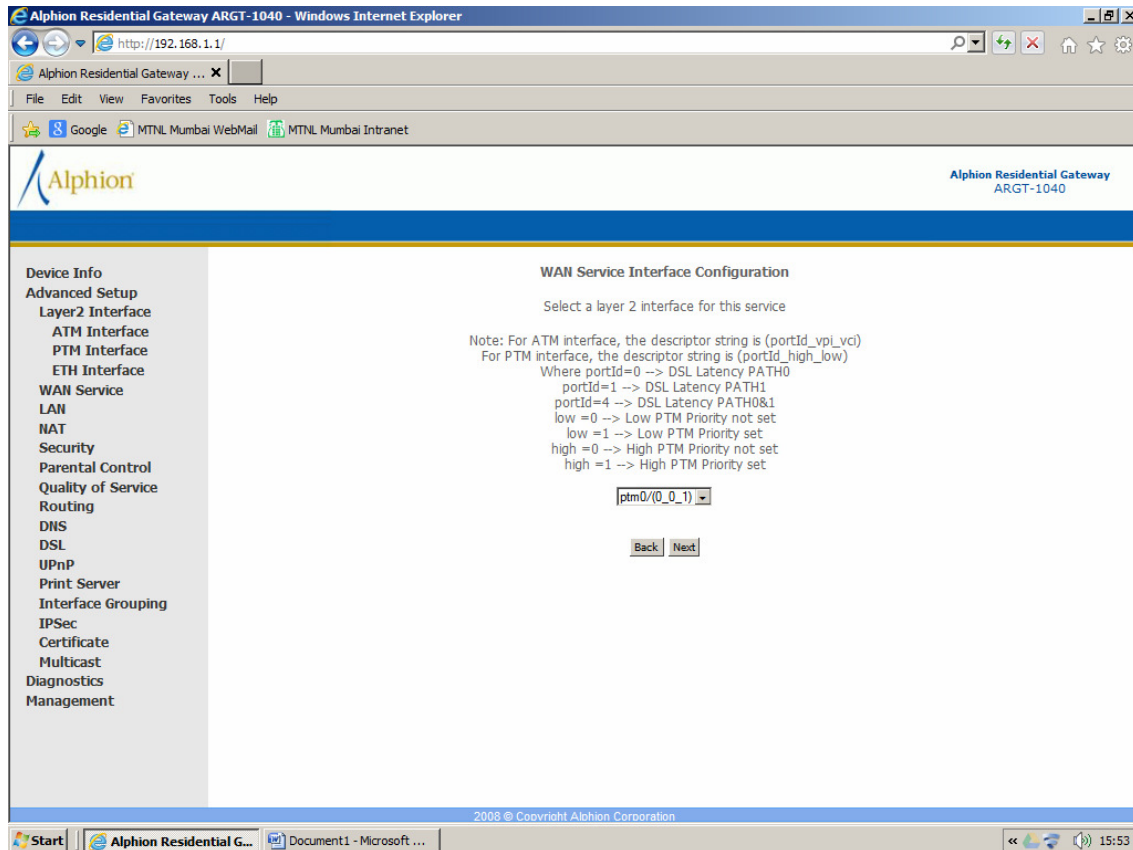
The main content area is titled "Wide Area Network (WAN) Service Setup" and includes the instruction: "Choose Add, Remove or Edit to configure a WAN service over a selected interface." Below this is a table with the following columns: Interface, Description, Type, Vlan8021p, VlanMuxId, Icmp, NAT, Firewall, Remove, and Edit. The table is currently empty. Below the table are "Add" and "Remove" buttons.

A sidebar menu on the left contains the following items: Device Info, Advanced Setup, Layer2 Interface, ATM Interface, PTM Interface, ETH Interface, **WAN Service** (highlighted), LAN, NAT, Security, Parental Control, Quality of Service, Routing, DNS, DSL, UPnP, Print Server, Interface Grouping, IPSec, Certificate, Multicast, Diagnostics, and Management.

At the bottom of the page, there is a copyright notice: "2008 © Copyright Alphon Corporation". The Windows taskbar at the bottom shows the Start button, the Alphon Residential Gateway icon, a Microsoft Word document, and the system tray with the time 15:53.

Step – 6]

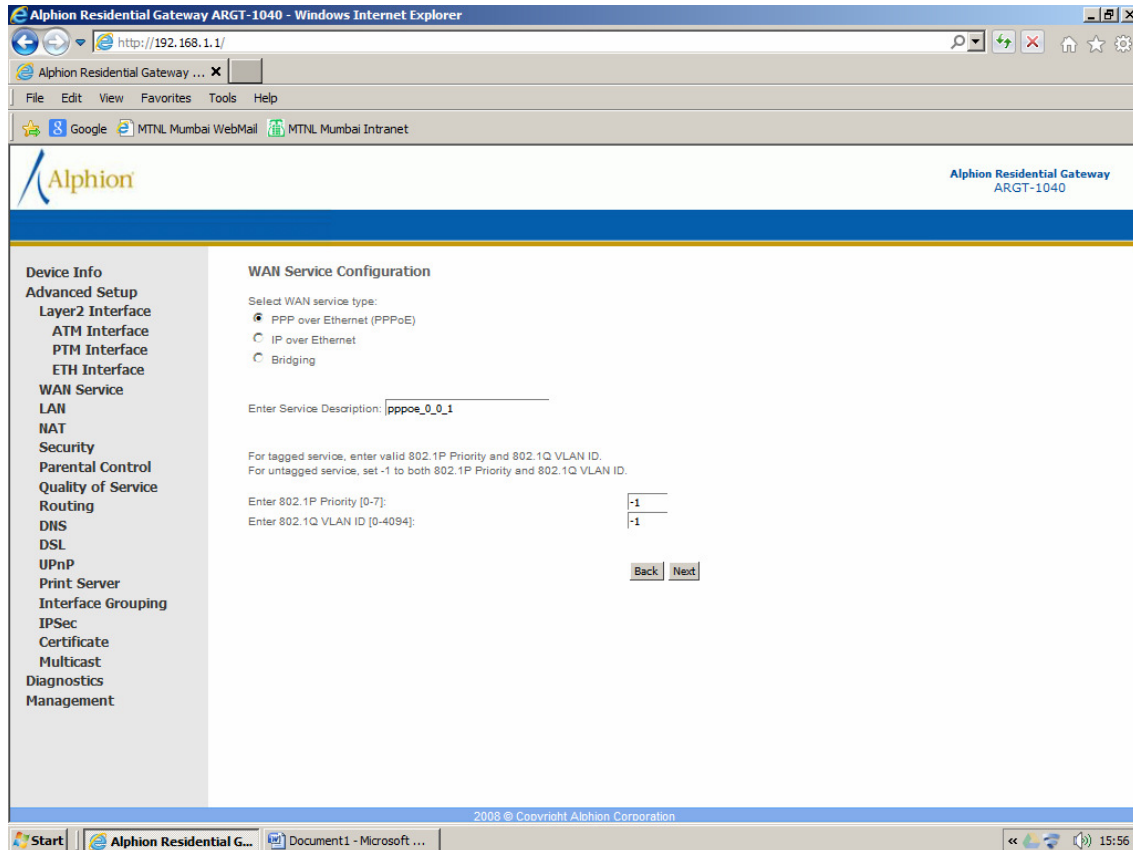
You will get Screen as below



Click on Next Button

You will get Screen as below

Step – 7]

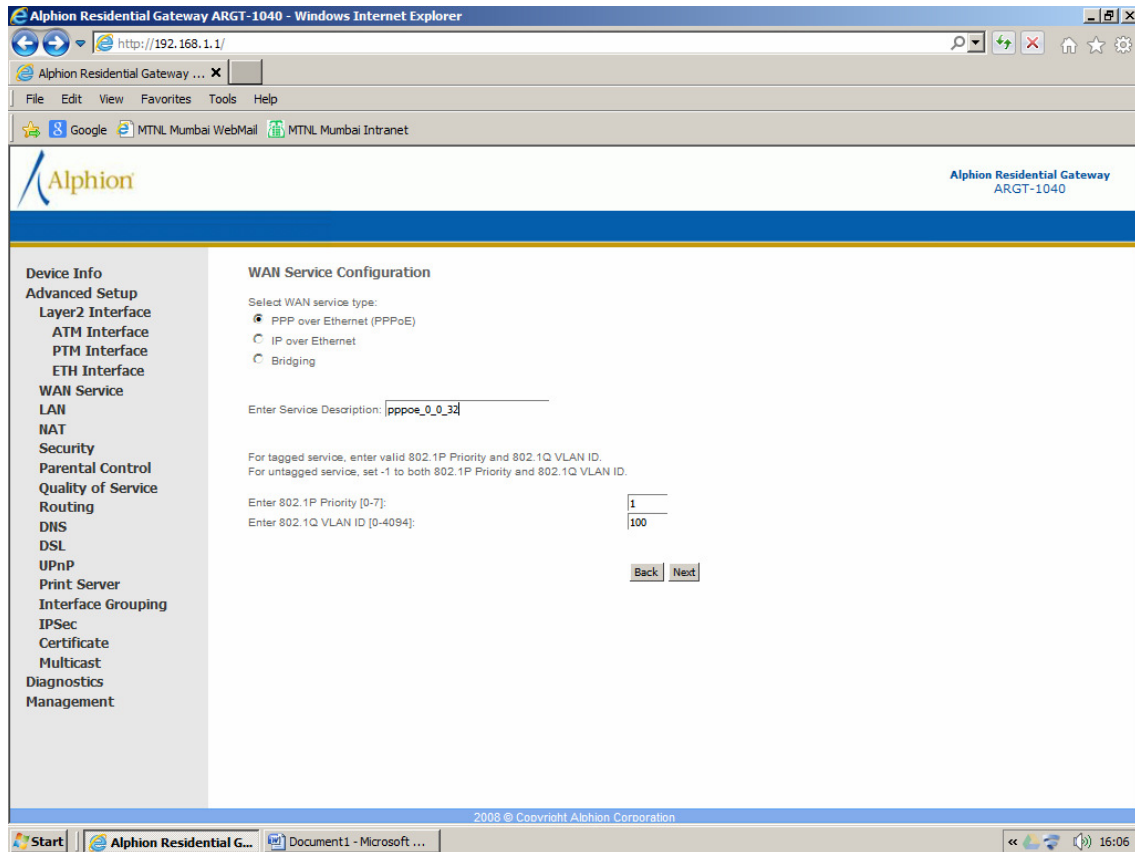


Change the Service description as pppoe_0_0_32

Enter 802 1P Priority (0-7) as 1

Enter 802 1Q VLAN ID (0 – 4094) as 100

Please see the Screen as below-



Step – 8]

Click on Next Button

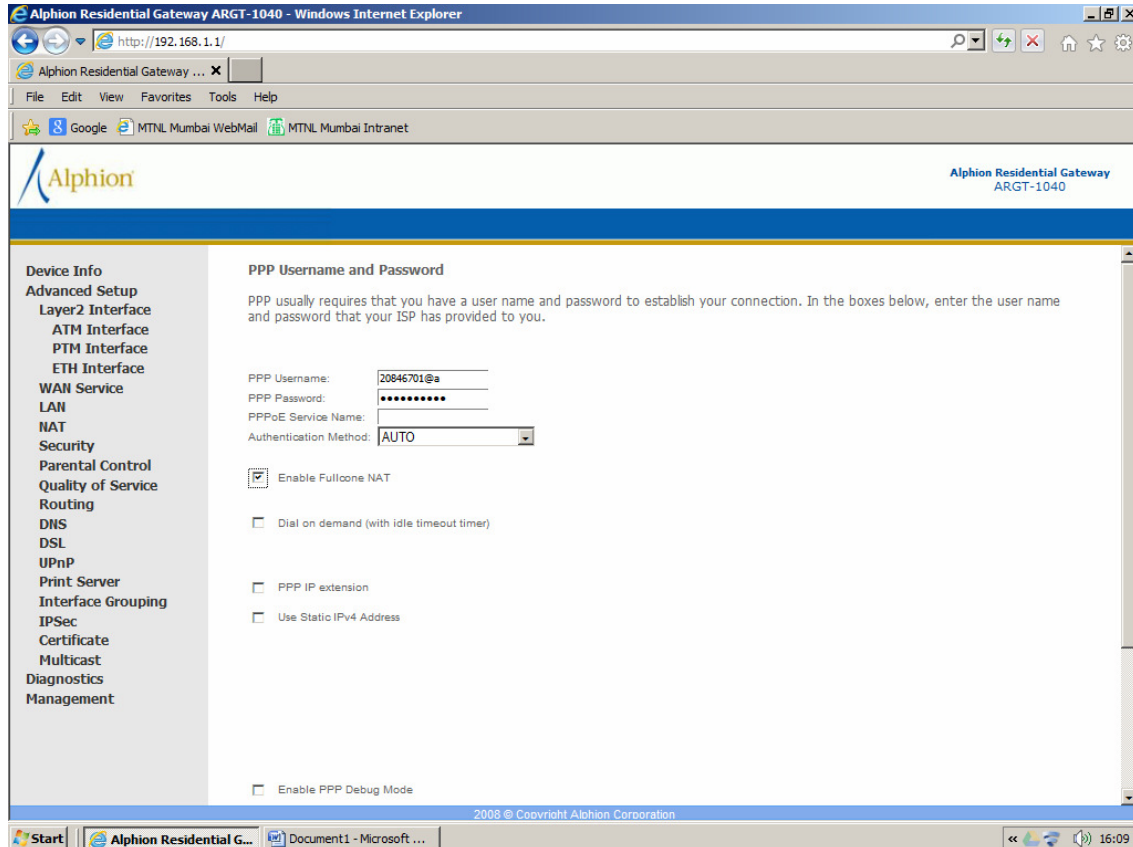
Step- 9]

Enter Username as telephone No. suffix with @a

Enter Password as Customer CA no.

Tick mark on Check Box of Enable Fullcone NAT

Click on Next Button



Click on Next Button

Aliphion Residential Gateway ARG-T-1040 - Windows Internet Explorer

http://192.168.1.1/

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Device Info
Advanced Setup
Layer2 Interface
ATM Interface
PTM Interface
ETH Interface
WAN Service
LAN
NAT
Security
Parental Control
Quality of Service
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Routing -- Default Gateway

Default gateway interface list can have multiple WAN interfaces served as system default gateways but only one will be used according to the priority with the first being the highest and the last one the lowest priority if the WAN interface is connected. Priority order can be changed by removing all and adding them back in again.

Selected Default Gateway Interfaces

Available Routed WAN Interfaces

ppp0.1

->
<-

Back Next

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Step 10]

Select Use the following static DNS IP address:

Primary DNS Server 59.185.0.23

Secondary DNS Server 59.185.0.50

The screenshot shows the web interface of an Aliphion Residential Gateway ARG-T-1040. The browser window is titled "Aliphion Residential Gateway ARG-T-1040 - Windows Internet Explorer" and the address bar shows "http://192.168.1.1/". The page features the Aliphion logo and the text "Aliphion Residential Gateway ARG-T-1040".

The left sidebar contains a navigation menu with the following items: Device Info, Advanced Setup, Layer2 Interface, ATM Interface, PTM Interface, ETH Interface, WAN Service, LAN, NAT, Security, Parental Control, Quality of Service, Routing, DNS, DSL, UPnP, Print Server, Interface Grouping, IPSec, Certificate, Multicast, Diagnostics, and Management.

The main content area is titled "DNS Server Configuration". It includes the following text: "Select DNS Server Interface from available WAN interfaces OR enter static DNS server IP addresses for the system. In ATM mode, if only a single PVC with IPoA or static IPoE protocol is configured, Static DNS server IP addresses must be entered. DNS Server Interfaces can have multiple WAN interfaces served as system dns servers but only one will be used according to the priority with the first being the highest and the last one the lowest priority if the WAN interface is connected. Priority order can be changed by removing all and adding them back in again."

There are two radio buttons for configuration options:

- Select DNS Server Interface from available WAN interfaces:

This option shows two columns: "Selected DNS Server Interfaces" containing "ppp0.1" and "Available WAN Interfaces" which is empty. There are right and left arrow buttons between the columns.

- Use the following Static DNS IP address:

Below this option are two input fields: "Primary DNS server:" and "Secondary DNS server:".

The footer of the page contains the text "2008 © Copyright Aliphion Corporation".

Click on Next Button

Click on Apply /Save Button

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http://192.168.1.1/

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Device Info
Advanced Setup
Layer2 Interface
ATM Interface
PTM Interface
ETH Interface
WAN Service
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Quality of Service
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Management

WAN Setup - Summary

Make sure that the settings below match the settings provided by your ISP.

Connection Type:	PPPoE
NAT:	Enabled
Full Cone NAT:	Enabled
Firewall:	Enabled
IGMP Multicast:	Disabled
Quality Of Service:	Enabled

Click "Apply/Save" to have this interface to be effective. Click "Back" to make any modifications.

[Back](#) [Apply/Save](#)

Aliphion Residential Gateway ARG-T-1040 - Windows Internet Explorer

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You will get Screen as below-

Now ARGT router is configured for MDU FTTH port.

, Edit: . Below the table are 'Add' and 'Remove' buttons. The footer of the page says '2008 © Copyright Aliphion Corporation'."/>

Aliphion Residential Gateway ARGT-1040

Wide Area Network (WAN) Service Setup

Choose Add, Remove or Edit to configure a WAN service over a selected interface.

Interface	Description	Type	Vlan8021p	VlanMuxId	Icmp	NAT	Firewall	Remove	Edit
ppp0.1	pppoe_0_32.100	PPPoE	1	100	Disabled	Enabled	Enabled	<input type="checkbox"/>	<input type="button" value="Edit"/>

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Step 11] To save the configuration.

Go to Management

Click on Reboot

Click on Reboot


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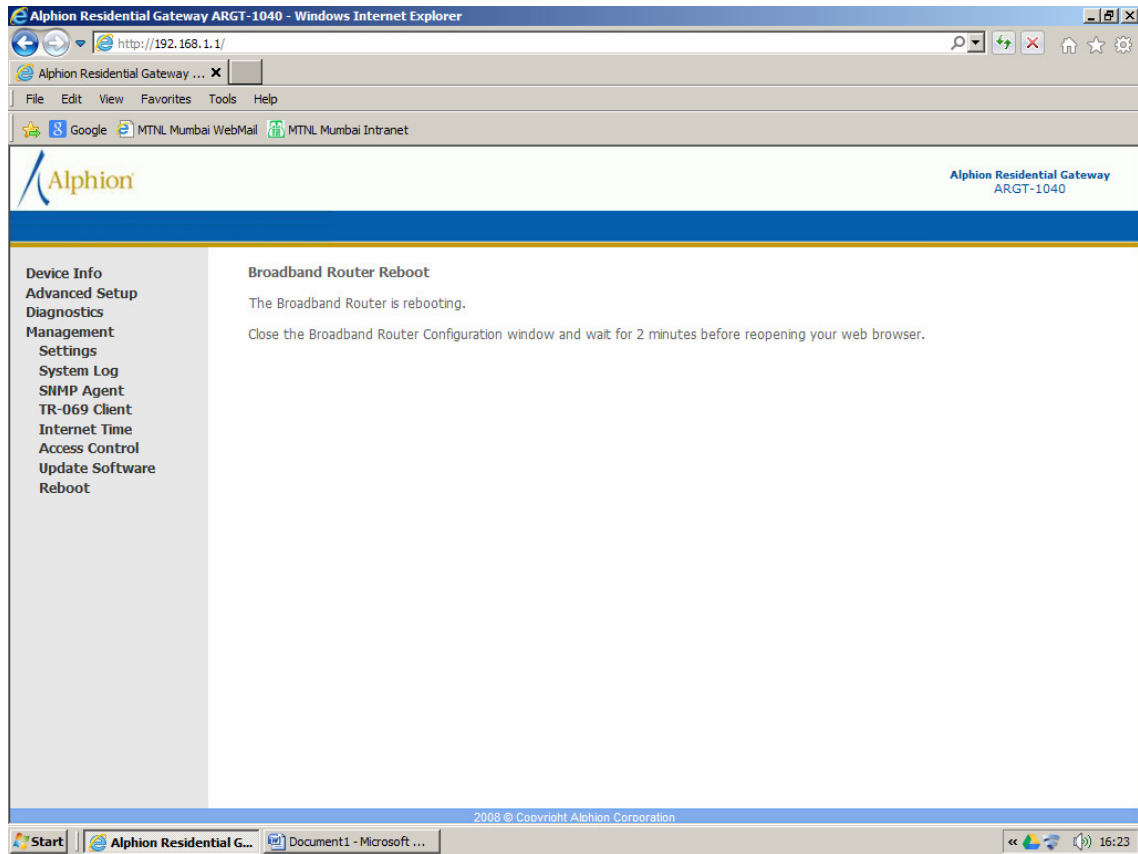
 Alphion Residential Gateway ARGT-1040

Device Info
Advanced Setup
Diagnostics
Management
Settings
System Log
SNMP Agent
TR-069 Client
Internet Time
Access Control
Update Software
Reboot

Click the button below to reboot the router.

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Wait for 2 Minutes.

Best Regards

DE BB HD

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