

2024

ICT ACADEMY TVM

[WIFI ROUTER ACCESS REPORT]

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Task Ten

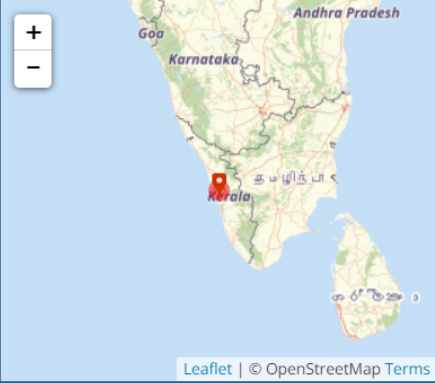
Locate a WiFi router that you have permission to access (at your office, home, or a friend's place) and follow these steps:

1. **1.** Identify the Internet Service Provider (ISP). Do they have an ASN?
2. **2.** What is the model of the WiFi router? Provide an image of the router.
3. **3.** How is the router connected to the WAN? (Options: LAN cable, modem via coaxial cable, WiFi, ONT via optical fiber)
4. **4.** Is the WiFi password still the default one provided by the ISP? If yes, list the password. If not, try to find out what the default password is and include it here.
5. **5.** Default passwords are not secure. With consent from everyone using the WiFi network, change it to a secure password (Make sure to store it safely). Did you face any resistance from the users? If so, describe the situation.
6. **6.** What is the default IP range of the network? What is the IP of the default gateway? Is it the same as that of the router? Also, find the default DNS server.
7. **7.** Can you access the router login page? (Include screenshots)
8. **8.** Do you know the credentials for the router login page? If not, you can contact the ISP to request them—it's your right.
9. **9.** If the router login credentials are the default ones provided by the ISP, list them here and then change them to a secure password of your choice (Remember to store it safely).
10. **10.** How many devices are connected to the network? How many can you identify? Do they respond to pings? Create a table and list all the information you found about the devices on the WiFi network.

1. Internet Service Provider (ISP)

- ISP Name: **Kerala Vision Broad Band Private Limited**
- ISP Number: 103.155.222.152
- ASN: 138754

Decimal:	1738268312
Hostname:	103.155.222.152
ASN:	138754
ISP:	Mala Cable Vision
Services:	None detected
Country:	India
State/Region:	Kerala
City:	Thrissur
Latitude:	10.5168 (10° 31' 0.39" N)
Longitude:	76.2174 (76° 13' 2.50" E)



CLICK TO CHECK BLACKLIST STATUS

Latitude and Longitude are often near the center of population. These values are not precise enough to be used to identify a specific address, individual, or for legal purposes. IP data from [IP2Location](#).

2. Wi-Fi Router Model

- ❓ **Model Name:** home gateway unit
- ❓ **Product model:** Platinum-4410
- ❓ **Power Rating:** 12V 1000mA
- ❓ **Serial Number:** 2107G8021758
- ❓ **Image of the Router:**





3. WAN Connection

☐ **Connection Type:** ONT via Optical Fiber

4. WiFi Password

☐ **Is the password still default?** No

☐ **Default Password:** 1234567890

☐ **New Password:** zenith916

5. Securing the WiFi Password

☐ **Changed WiFi Password?:** Yes

☐ **Resistance from Users?:** No resistance

6. Default IP Range and DNS Information

☐ **Default IP Range:** 103.155.222.0/24

☐ **Default Gateway IP:** 192.168.1.1

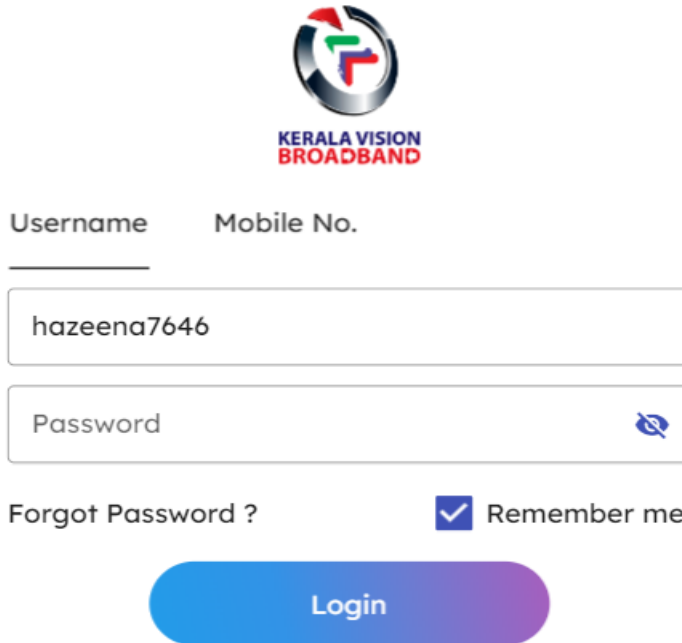
WHOIS Details

```
inetnum:      103.155.222.0 - 103.155.223.255
netname:      MALACV
descr:        Mala Cable Vision
admin-c:      NA832-AP
tech-c:       NA832-AP
country:      IN
mnt-by:       MAINT-IN-IRINN
mnt-irt:      IRT-MALACV-IN
mnt-routes:   MAINT-IN-MALACV
status:       ASSIGNED PORTABLE
last-modified: 2020-09-17T07:19:34Z
source:       APNIC
```

7. Router Login Page Access

❓ Can you access the login page?: Yes

❓ Screenshot:



The screenshot shows the login page for Kerala Vision Broadband. At the top is the logo, which consists of a circular emblem with red, green, and blue segments, and the text "KERALA VISION BROADBAND" below it. The login form has two input fields: "Username" and "Mobile No.". The "Username" field contains the text "hazeena7646". Below the "Mobile No." field is a "Password" field with a toggle icon (an eye with a slash) to its right. Below the password field are two links: "Forgot Password ?" and a checked checkbox labeled "Remember me". At the bottom is a blue "Login" button.

Username Mobile No.

hazeena7646

Password

Forgot Password ? ☒ Remember me

Login

Connected Devices Information

```
C:\Windows\System32>arp -a

Interface: 192.168.1.7 --- 0x9
    Internet Address      Physical Address         Type
    192.168.1.1           bc-62-d2-cc-ff-80       dynamic
    192.168.1.5           6c-0d-c4-ee-ff-f9       dynamic
    192.168.1.255         ff-ff-ff-ff-ff-ff       static
    224.0.0.2             01-00-5e-00-00-02       static
    224.0.0.22            01-00-5e-00-00-16       static
    224.0.0.251           01-00-5e-00-00-fb       static
    224.0.0.252           01-00-5e-00-00-fc       static
    239.255.102.18        01-00-5e-7f-66-12       static
    239.255.255.250       01-00-5e-7f-ff-fa       static
    255.255.255.255       ff-ff-ff-ff-ff-ff       static

Interface: 192.168.56.1 --- 0x11
    Internet Address      Physical Address         Type
    192.168.56.255       ff-ff-ff-ff-ff-ff       static
    224.0.0.2             01-00-5e-00-00-02       static
    224.0.0.22            01-00-5e-00-00-16       static
    224.0.0.251           01-00-5e-00-00-fb       static
    224.0.0.252           01-00-5e-00-00-fc       static
    239.255.255.250       01-00-5e-7f-ff-fa       static
```