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Networking Training Program

Question-9:

Log in to your home routers web interface and check the connected devices list

My home router Ip is 192.168.29.1 (Jio)

The image shows two screenshots of the Jio router web interface. The top screenshot is the dashboard, and the bottom screenshot is the LAN Clients page.

Dashboard Screenshot:

- Header:** Jio logo, user: Hi, admin (admin)
- Left Sidebar:** DASHBOARD, STATUS, NETWORK, SECURITY, ADMINISTRATION, ADVANCED
- Dashboard Content:**
 - CPU Utilization:** Pie chart showing User (2%), Kernel (6%), Idle (92%), IO (0%).
 - Memory Utilization:** Pie chart showing Free (49%), Occupied (51%).
 - Application:** Accounting (red), TR-069 (green), WMM (green), DMS (green), Attached Disk(s) (N/A).
 - Device Status:** Version # SRCMTF1_JCOW414_R2.57, Serial # RSTOTKIPE036503, Model Name JCOW414, Wireless (2.4 GHz, 5 GHz), SSID (Default) ASWATH 5, SSID 5 GHz ASWATH 5_5G, Wireless Clients 3 (More Info...).
 - VOIP:** Registration Status (green), Outgoing Call to (N/A), Incoming Call from (N/A), Call Status (N/A).
 - Security:** Firewall Policy (Always Allow), Security Mode (WPA2), Content Filtering (red).
 - WAN (More Info...):** Internet (IPv4) (DHCP), Internet (IPv6) (DHCP (Stateful)), MAC Address b4:a7:c6:e7:67:a3, IPv4 IP Address 10.50.208.159, WAN State (green), IPv6 IP Address 2405:201:e022:1000:67e5:dbdb:4e4c:f997:128, IPv6 MAC Address fe80:b6a7:c6ff:fe7:67e3:b64.
 - LAN (More Info...):**

LAN Clients Screenshot:

- Header:** Jio logo, user: Hi, admin (admin)
- Left Sidebar:** DASHBOARD, STATUS, NETWORK, SECURITY, ADMINISTRATION, ADVANCED
- LAN Clients Page:**
 - Status:** LAN Clients
 - Search:** Record(s) Search
 - Table:**

IPv4 Address	IPv6 Address	MAC Address
192.168.29.2	2405:201:e022:1025:acfcd5b4:5ad9:a2f6	70:9c:d1:db:d5:67
192.168.29.79	2405:201:e022:1025:91bf:f0e9:ea7f:fffb	b2:36:e8:0c:9:31
192.168.29.137	2405:201:e022:1025:ffa75a:ceaf:b7a1	52:0a:0b:66:ad:50
 - Footer:** Showing 1 to 3 of 3 entries

DASHBOARD

STATUS

> Device Status

> Data Usage Statistics

> LAN Clients

> WLAN Clients

> Mesh Network

NETWORK

SECURITY

ADMINISTRATION

ADVANCED

Firmware Version

SRCMTF1_3COW414_R2.57

Serial Number

RSTOTKIPE036503

Hi, admin (admin) v

Status » WLAN Clients

WLAN Clients

Mesh Network

Refresh

Record(s) Search

Show 10 entries

AP Name ^	MAC Address ^	Security ^	Encryption ^	Authentication ^	Time Connected ^
ap1	B2:36:E8:0C:C9:31	WPA2	AES	PSK	0 days, 3 hours, 15 minutes, 38 seconds
ap4	70:9C:D1:DB:D5:67	WPA2	AES	PSK	0 days, 2 hours, 7 minutes, 57 seconds
ap4	52:0A:0B:66:AD:50	WPA2	AES	PSK	0 days, 5 hours, 37 minutes, 46 seconds

Showing 1 to 3 of 3 entries

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DASHBOARD

STATUS

NETWORK

> LAN

> Wireless

> Routing

SECURITY

ADMINISTRATION

ADVANCED

Firmware Version

SRCMTF1_3COW414_R2.57

Serial Number

RSTOTKIPE036503

Hi, admin (admin) v

Network » Wireless » Access Points

Access Points

Profiles

WPS

Channel Spacing

Record(s) Search

Status ^	AP Name ^	Frequency ^	SSID ^	Broadcast SSID ^	Security ^	Profile Name ^
✓	ap1	2.4 Ghz	ASWATH S	✓	WPA2	Jio_1
✗	ap2	2.4 Ghz	Jio_2	✓	WPA2	Jio_2
✗	ap3	2.4 Ghz	Jio_3	✓	WPA2	Jio_3
✓	ap4	5 Ghz	ASWATH S_SG	✓	WPA2	Jio_4
✗	ap5	5 Ghz	Jio_2	✓	WPA2	Jio_5
✗	ap6	5 Ghz	Jio_3	✓	WPA2	Jio_6

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Wireless Info						X
Show 10 entries						
AP Name ^	MAC Address	Security	Encryption	Authentication	Time Connected	
ap1	B2:36:E8:0C:C9:31	WPA2	AES	PSK	0 days, 3 hours, 18 minutes, 2 seconds	
ap4	70:9C:D1:DB:D5:67	WPA2	AES	PSK	0 days, 2 hours, 10 minutes, 21 seconds	
ap4	52:0A:0B:66:AD:50	WPA2	AES	PSK	0 days, 5 hours, 40 minutes, 10 seconds	
Showing 1 to 3 of 3 entries						<< < 1 > >>

Here in my router, there are 3 connected devices with mac address

ap1: B2:36:E8:0C:C9:31 - The first three octets (B2:36:E8) represent the OUI (Organizationally Unique Identifier), assigned to a manufacturer. The last three octets (0C:C9:31) are device-specific, assigned by the manufacturer.

ap4: 70:9C:D1:DB:D5:67 - The first three octets (70:9C:D1) represent the OUI (Organizationally Unique Identifier), assigned to a manufacturer. The last three octets (DB:D5:67) are device-specific, assigned by the manufacturer.

ap4: 52:0A:0B:66:AD:50 - The first three octets (52:0A:0B) represent the OUI (Organizationally Unique Identifier), assigned to a manufacturer. The last three octets (66:AD:50) are device-specific, assigned by the manufacturer.