The network diagram represents the infrastructure of the **Cyber-Cafe DREAMLAND**. The cafe is equipped with various devices, each having a specific IP address and subnet. Here are the details:

1. **Business Room for Clients**: This area is equipped with multiple smartphones and wireless devices.
2. **Bar for Drinks & Snacks**: This area has a Samsung Smart TV with a wifi, IP address of **192.168.1.24**.
3. **Gaming Room**: This room houses a PlayStation 5 with an IP address of **192.168.1.21** and a Samsung Smart TV with an IP address of **192.168.1.22**.
4. **Cash Register**: The cash register is an Assur POS Terminal running on Windows 11 with an IP address of **198.168.1.17** and a subnet of **255.255.255.192**.
5. **Internet Cafe Operator**: The operator uses an HP OMEN 40L Gaming PC with an IP address of **198.168.1.4** and a subnet of **255.255.255.254**.
6. **Access Point/ wifi Router**: The TP-Link AX3000 router has an IP address of **192.168.1.5** and a subnet of **255.255.255.192**.
7. **Internet Cafe Server**: The server is an HPE PROLIANT ML30 GEN 11 with an IP address of **192.168.1.3** and a subnet of **255.255.255.192**.
8. **Internet Cafe Clients Hosts**: These are Hela Gaming PCs with IP addresses ranging from **198.168.1.6** to **198.168.1.17** and subnets of **255.255.255.192** or **255.255.255.254**.
9. **Switch**: The D-LINK DGS 3130 30PS switch uses the IP network **192.168.1.0/26**.
10. **Router**: The Cisco ISR4331- AX/K9 router has an IP address of **192.168.1.2**, a subnet of **255.255.255.192**, a gateway of **192.168.1.1**, and uses DNS servers **8.8.8.8** and **8.8.4.4**.
11. **Firewall**
12. **PBX**: The Grand stream UCM6308 IP PBX has a subnet of **255.255.255.192**.
13. **Internet Provider**: The internet provider is CYTA with an IP address of **192.168.1.1**.