



How To Guide:

Quickly Get the Q-Balancer Appliance Online

Introduction

This guide outlines how to configure your Q-Balancer appliance to get LAN users Internet access in 5 minutes by utilizing the default setting of **LAN** and **Policy Route** in the appliance.

Example:

We are preparing Internet access for LAN users via a WAN link with IP details below:

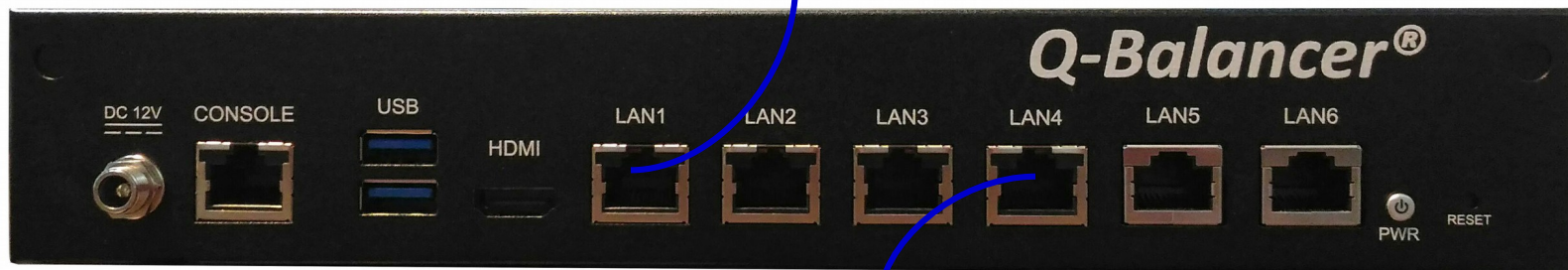
IP: 203.67.222.40

Subnet Mask: 203.67.222.40/30

Default Gateway: 203.67.222.1



In this case, port 1 and port 4 are connected to WAN and LAN devices respectively.



LAN device as
Management
PC



Step 1

Have the management PC connected to port 4 of the Q-Balancer appliance with a piece of Ethernet cable.



Ethernet Cable

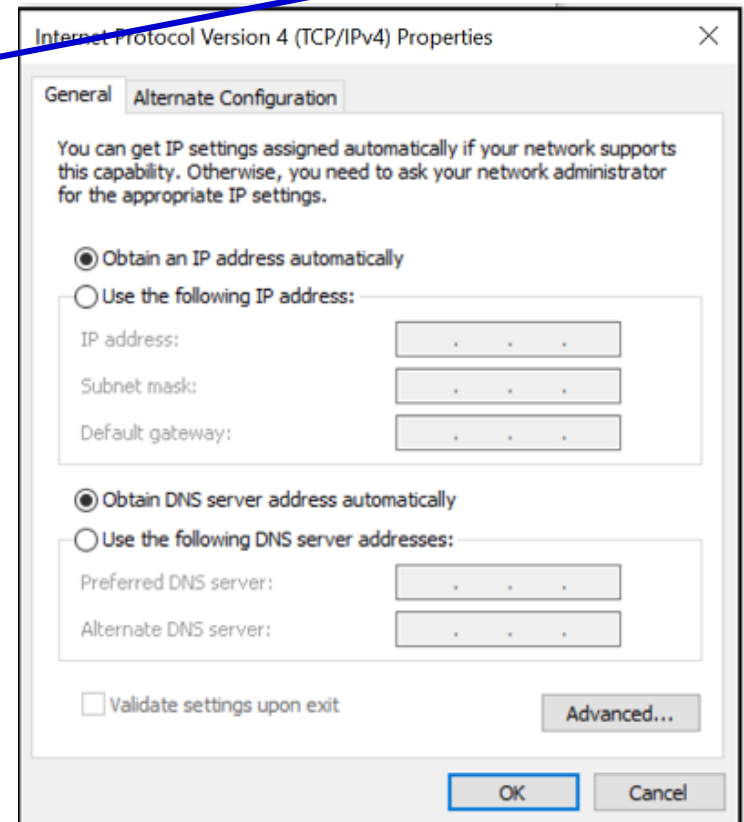
Step 2

On port 4, there is a default IP address 192.168.1.254.

Name	Port	Interface	Subnet	Route	IP
LAN_192.1	Port 4	eth3_5	192.168.1.0/24	Interface	192.168.1.254



DHCP is enabled on the management PC.

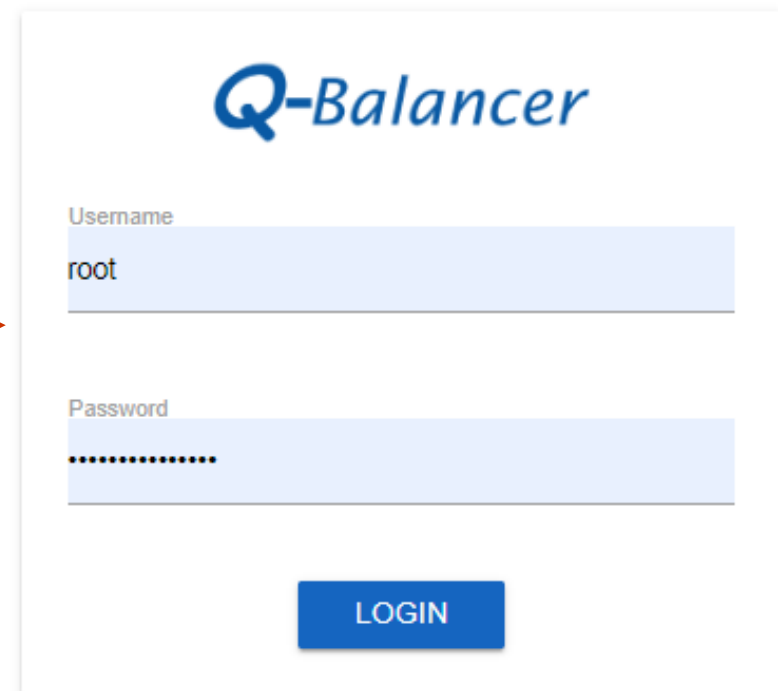


Step 3

Through web browser, try to access the appliance at HTTP://192.168.1.254:4000.

192.168.1.254:4000

Enter the
username &
password.



Q-Balancer

Username
root

Password
.....

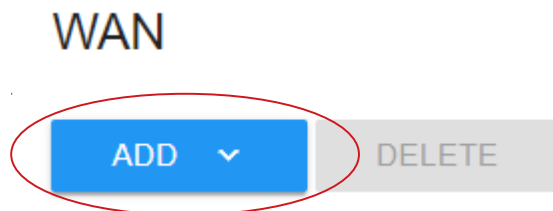
LOGIN

Step 4

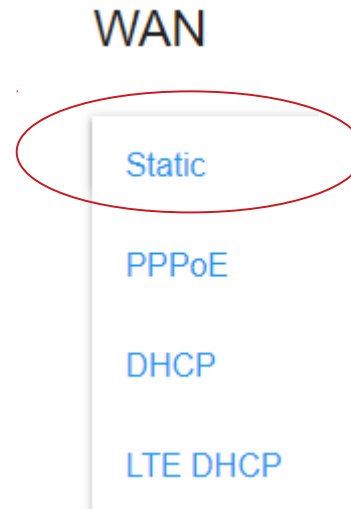
1. Once logged in, navigate to **WAN** on Web UI.



2. Click on **Add**



3. In this case we use **Static IP WAN** as an example.



Step 5

Fill in the parameters required for the **Static** IP WAN. Once the WAN parameters required are filled in, click on **OK**.



Enabled

Name
example

Port
Port 1 ▼

Path Monitoring
dns_ipv4 (default setting)

Subnet
203.67.222.40/30

IP
203.67.222.40

Gateway
203.67.222.1

Down/Up Speed
15.3 / 2.9 Mbps

Additional Subnet 1 this field is an option.

Additional Subnet 2 this field is an option.

Step 6

When a WAN is successfully added,

WAN

ADD ▾		DELETE									
<input type="checkbox"/>	Edit	Enabled	Status	Type	↑↓ Name	↑↓ Port	↑↓ Interface	↑↓ Subnet	↑↓ IP	↑↓ Gateway	
<input type="checkbox"/>		<input checked="" type="checkbox"/>		Static	example	Port 1	eth0_1	203.67.222.40/30	203.67.222.40	203.67.222.1	

LAN users on subnet 192.168.1.0/24 should be able to access the Internet via the default routing policy shown below.

Policy Routing

ADD		DELETE		Search											
Priority	↑↓	Source	↑↓	Destination	↑↓	Services	↑↓	Schedules	↑↓	Pool	↑↓	NAT	↑↓	QoS	Other
7		LAN_192.168.1.0/24		Any		Any		Always		Balance		Smart		-	▾

Done!

C:\WINDOWS\system32\cmd.exe

```
C:\Users\installation>ping 8.8.8.8
```

```
Pinging 8.8.8.8 with 32 bytes of data:
```

```
Reply from 8.8.8.8: bytes=32 time=24ms TTL=56
```

```
Reply from 8.8.8.8: bytes=32 time=23ms TTL=56
```

```
Reply from 8.8.8.8: bytes=32 time=23ms TTL=56
```

```
Reply from 8.8.8.8: bytes=32 time=23ms TTL=56
```

```
Ping statistics for 8.8.8.8:
```

```
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
```

```
Approximate round trip times in milli-seconds:
```

```
    Minimum = 23ms, Maximum = 24ms, Average = 23ms
```

```
C:\Users\installation>_
```