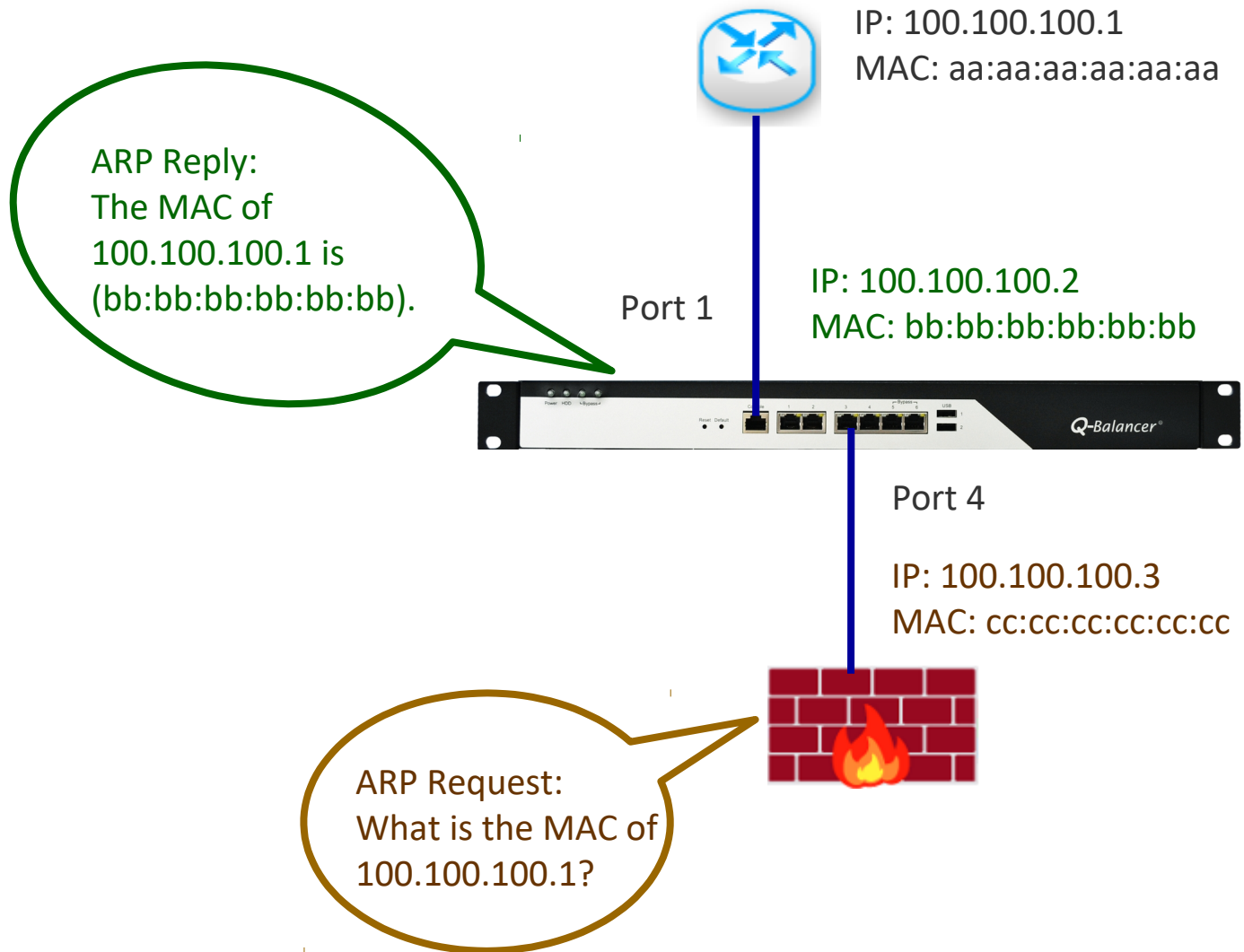**How To Guide:**

ARP Proxy Configuration

Introduction

This article outlines the configuration for ARP Proxy on the Q-Balancer appliance. The following is a simplified version of diagram example, based on which the configuration example for ARP proxy will be provided accordingly.

Diagram Example:

IP: 100.100.100.1
MAC: aa:aa:aa:aa:aa:aa

ARP Reply:
The MAC of
100.100.100.1 is
(bb:bb:bb:bb:bb:bb).

Port 1

IP: 100.100.100.2
MAC: bb:bb:bb:bb:bb:bb

Port 4

IP: 100.100.100.3
MAC: cc:cc:cc:cc:cc:cc

ARP Request:
What is the MAC of
100.100.100.1?

Requirement

As illustrated above, the Q-Balancer appliance is installed between router and firewall. The configuration is requested to:

1. Installed the appliance without changing the legacy configuration on the existing network devices.

2. Allow incoming requests to directly access IP hosts bound on DMZ transparent zone (Public IP Pass-through).

Configuration

Follow the steps below to complete the configuration for ARP Proxy:

1. WAN > ADD

2. Network > IP Binding > ADD

WAN > ADD

Name

ARP_Proxy_WAN

Port

Port 1 ▼

Path Monitoring

Choose your option ▼

Subnet

100.100.100.0/29

IP

100.100.100.2

Gateway

100.100.100.1

Down/Up Speed

10.0 / 10.0 Mbps

OK CANCEL

Network > IP Binding > ADD

WAN

ARP_Proxy_WAN ▼

Type

○ Binding

○ Subnet on WAN

⦿ ARP Proxy

IP

100.100.100.3

Port

Port 4 ▼

OK	CANCEL

Done!

The configuration for ARP Proxy is done at this stage. You can check if the incoming requests can directly access the IP 100.100.100.3, which is bound on DMZ transparent zone.