How To Guide:

Path Monitoring via Target IP and Port Checking

Introduction

In the Q-Balancer solution, ***Path Monitoring*** is a core component working in conjunction with Dynamic Path Selection. The ***Path Monitoring*** constantly monitors the status of WAN links, and based on its measured result, the appliance is able to intelligently failover and distribute traffic across all available links.

Diagram Example

In the diagram below, there are two WAN links. WAN 1 is the primary line, while WAN 2 is the secondary. The Q-Balancer appliance performs path monitoring based on the status of target IP and its tcp port 80.

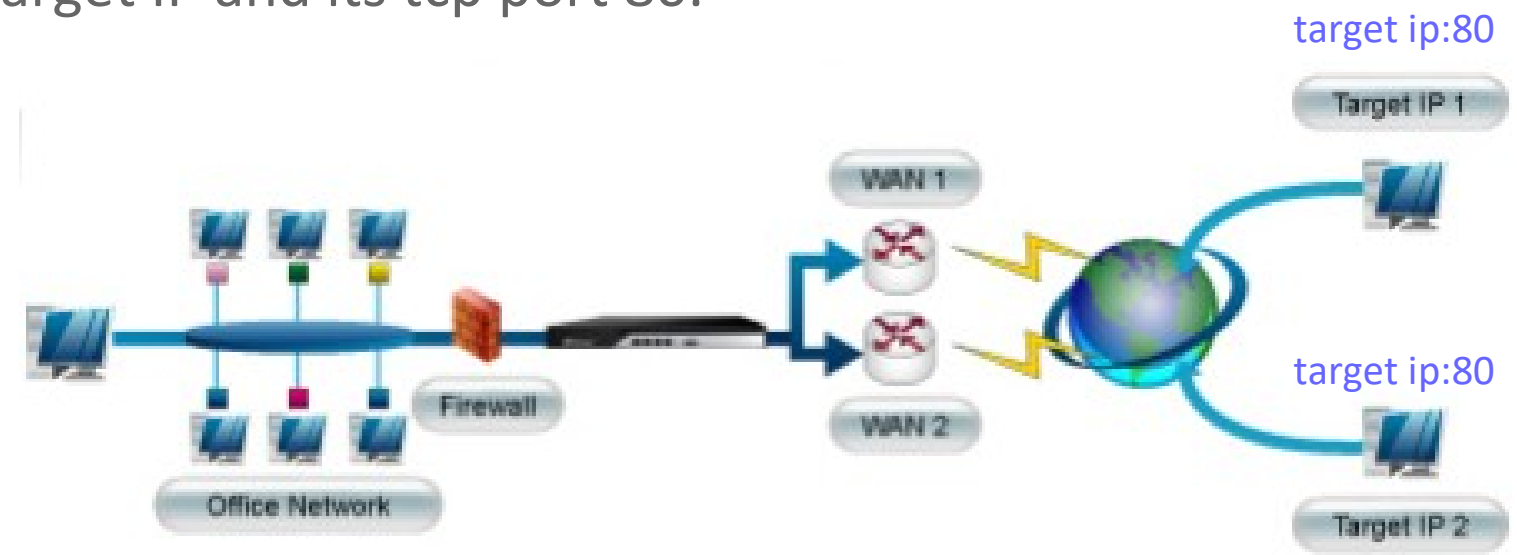


Diagram Example

In case the Q-Balancer appliance is unable to connect the target IP via tcp 80, then the link is considered a faulty link.

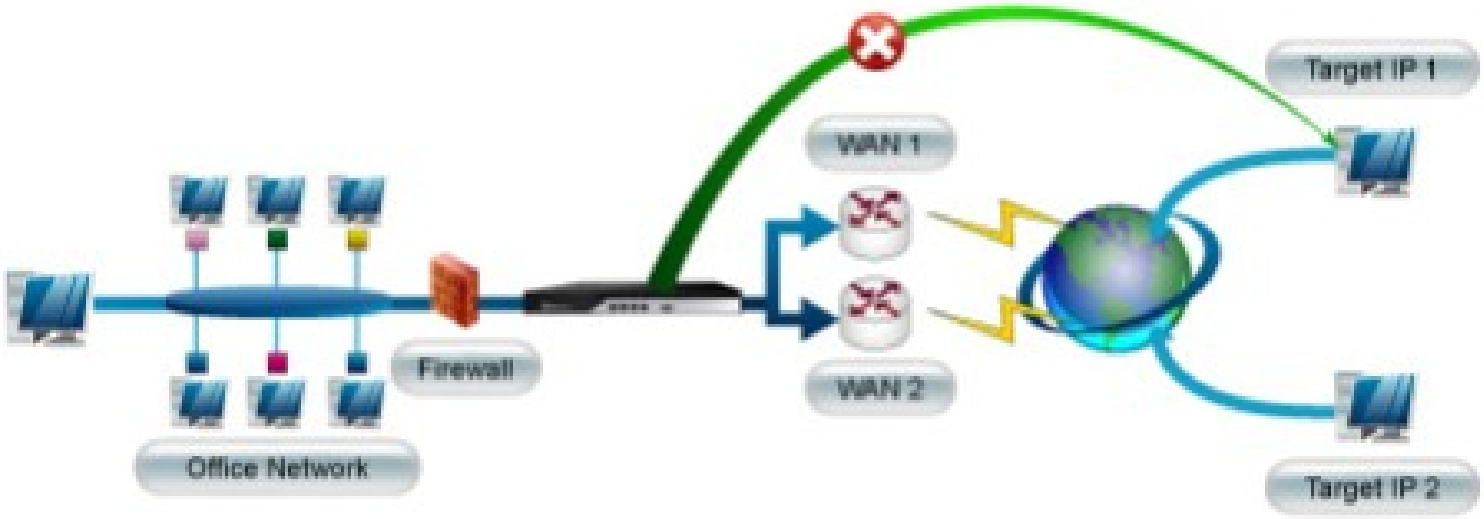
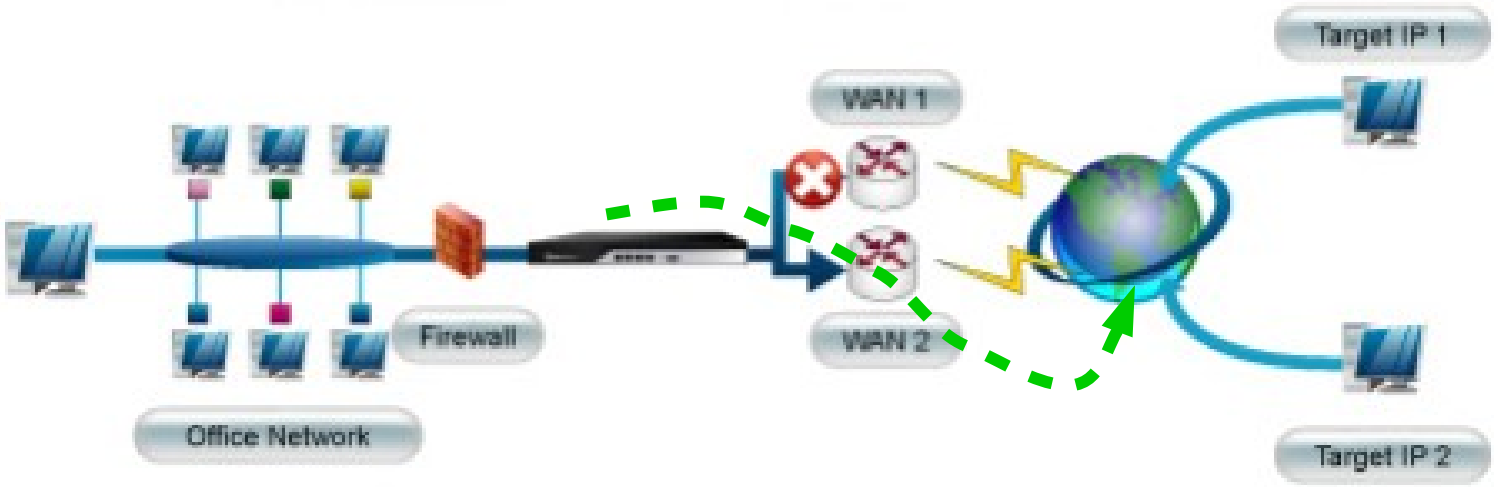
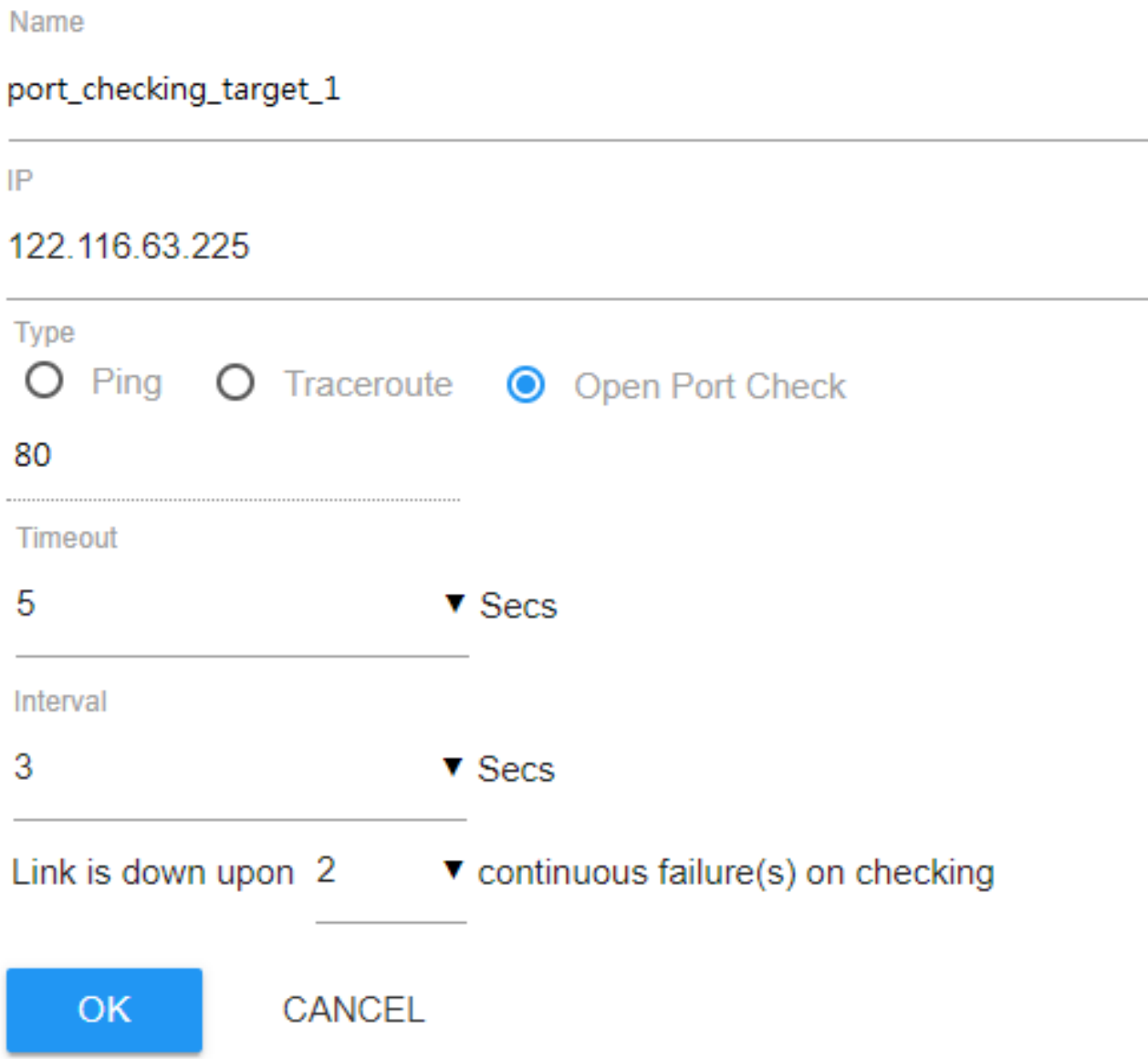


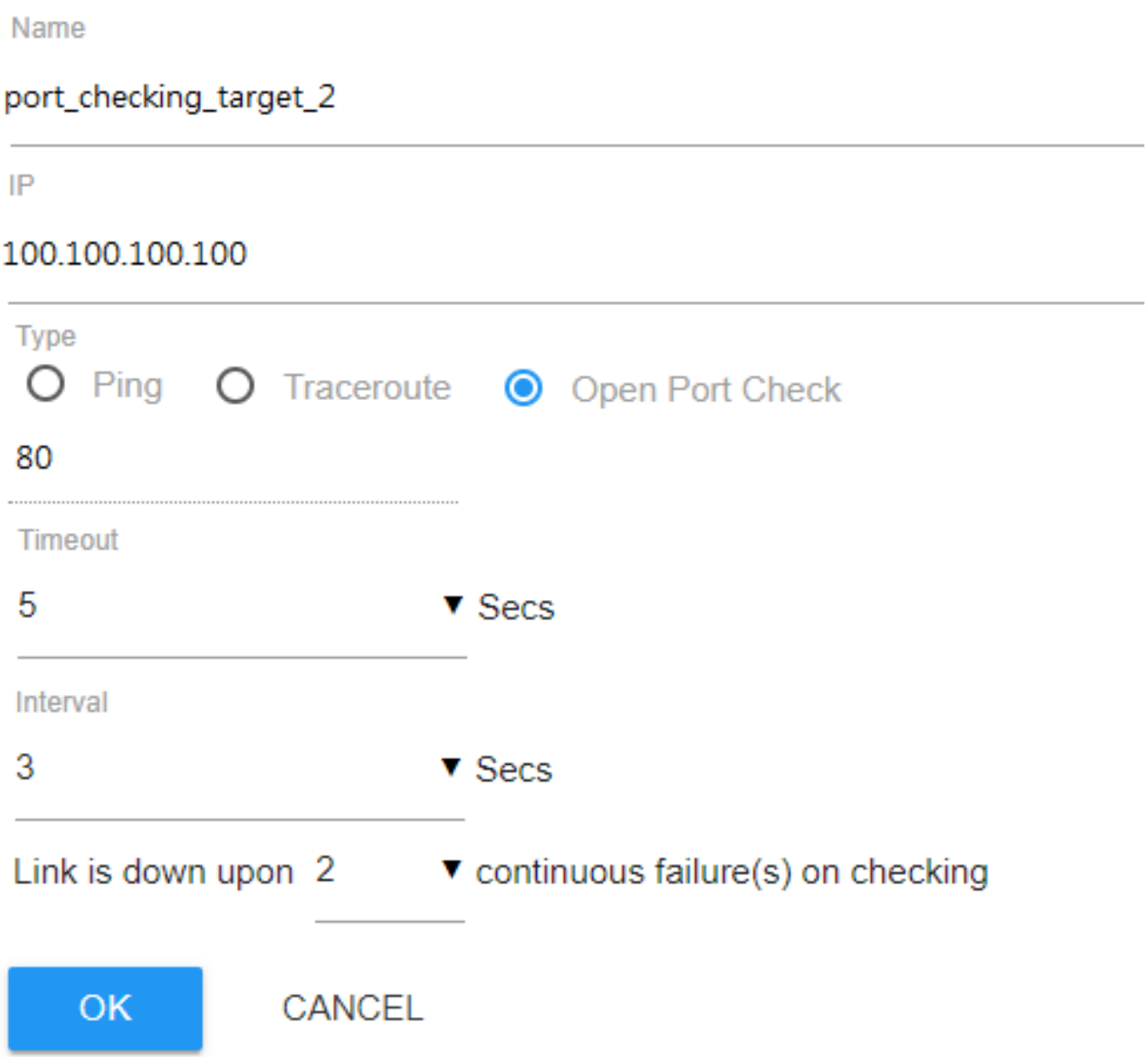
Diagram Example

Traffic will then be transparently diverted to the secondary WAN (WAN 2) until the primary WAN (WAN 1) recovers from the outage.



As ***Path Monitoring*** is an object in the Q-Balancer appliance, navigate to ***Objects > Path Monitoring*** to complete its configuration.




Name
port_checking_target_2
IP
100.100.100.100
Type
Ping
Traceroute
Open Port Check
80
Timeout
5
Secs
Interval
3
Secs
Link is down upon 2 continuous failure(s) on checking
OK
CANCEL