My experience on using zeroshell

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Zeroshell’s a fantastic server/gateway software solution. It bundles a lot of features and it’s hard to believe that this is a community product. Thanks again for all men who developed and created this fantastic tool to people.

Before I changed to zeroshell, I’ve been using clarckconnect (Community version) as my gateway. The main reason I picked this software is that I wanted the gateway software which has a multi-wan solution (used to manage the failover and load balance on multi internet links). Clarckconnect has a multi-wan feature and we can use web interface to configure this multi-wan feature. However there are two disadvantages when it compare to zeroshell. Clarckconnect allow multi-wan feature enable if you have multi-physical WAN interfaces installed but zeroshell doesn’t need (only one interface could be enough). The other disadvantage is the changing of the link status very delay (not immediate).

By the way I will show everyone how to enable multi-wan feature on zeroshell gateway with only one physical WAN interface.

My scenario:
I have 2 physical Ethernet interfaces installed on zeroshell i.e. one for LAN and the other for WAN. I assigned ETH00 to be my LAN interface and assigned IP address 1.1.1.1/24 to it. I assigned ETH01 to be my WAN interface and assigned IP address 172.16.1.236/24 to it.

I have 2 internet gateways and I want zeroshell to manage Load Balance and Failover between these internet gateways. I assigned IP address 172.16.1.5/24 to my first Gateway and 172.16.1.10/24 to the other.

My Network Layout:
Configuration:

1. Setup IP Address
   After setup IP address on the interfaces it will look like the picture below:

   ![Setup IP Address Configuration](image)

2. Enable NAT on ETH01
   - Use the NETWORK/Router/NAT menu to enable this feature.

   ![Enable NAT Configuration](image)
3. Enable Multi-WAN or Load Balance feature:

- Use the SYSTEM/Net Balancer menu to enable this feature.
- Click “Add” button to add 2 internet gateways in Gateway List.
- Don’t forget to enable both gateways by checking in the checkbox.
- After finish it will look like the picture below.

Then you’ve finished set up Multi-WAN on the zeroshell.