Configure an eWON 2005CD or 4005CD as a pure router

To use your eWON as a pure router you need to:

1. Configure the eWON as router
2. Activate the Internet connection
3. Fulfill routing rules

1. Configure the eWON as router

Under the menu SystemSetup->Communication->NetworkingConfig->Routing, activate the "NAT and TF on WAN".

- Note -

These changes will only be effective from the next WAN connection. So if the Internet connection on the eWON was already opened, then you need to close and reopen the Internet connection.

2. Activate the Internet connection

Under the menu SystemSetup->Communication->NetworkingConfig->InternetConnection, select the Internet connection you want to use:
Choose for example the "Ethernet WAN connection", to use the second Ethernet card (Ethernet WAN) of the eWON for the Internet connection.

3. Fulfill routing rules

Two important rules must be fulfilled to be able to use the eWON as router:

1. The device behind the eWON, which will use the eWON as router, must have the eWON LAN IP address specified as default gateway.

2. The eWON WAN IP address must not be compatible with its LAN IP address. This is automatically the case if the Internet connection is done using the modem. But if you use the second Ethernet interface of the eWON (Ethernet WAN) then make sure that both networks LAN and WAN are not compatible.

For example:

- LAN = 192.168.1.50 and WAN = 10.0.0.50 => OK
- AN = 10.0.0.53, MASK 255.255.255.0 and WAN 10.0.50.2, MASK 255.255.0.0 => NOT OK

3.1. eWON Security

If eWON is also configured (or has previously been configured) to realize a Talk2M connection, then you must also adapt the Security settings of the eWON in order to allow communication between the eWON LAN interface and the eWON WAN interface.

To realize this enable the "WAN IP forwarding" option as explained here under:
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1. Go to the Configuration menu.
2. Select the Networking security setup sub-menu.
3. Configure the WAN Protection settings:
   - WAN Protection level:
     - Discard all traffic excepted VM and related traffic (ex: DMT)
     - Discard all traffic excepted VM and related traffic (ex: DMT and ICMP [Ping])
     - Allow all traffic on WAN connection (no protection)
   - WAN IP Forwarding:
     - Allow traffic forwarding to LAN (from VM or LAB) - Disable to make sure that LAN or VM requests are not routed to WAN.
4. Enable Transparent Forwarding.
5. Require authentication for Transparent Forwarding.
Revision Information

Revision

Revision History

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