MARVIN

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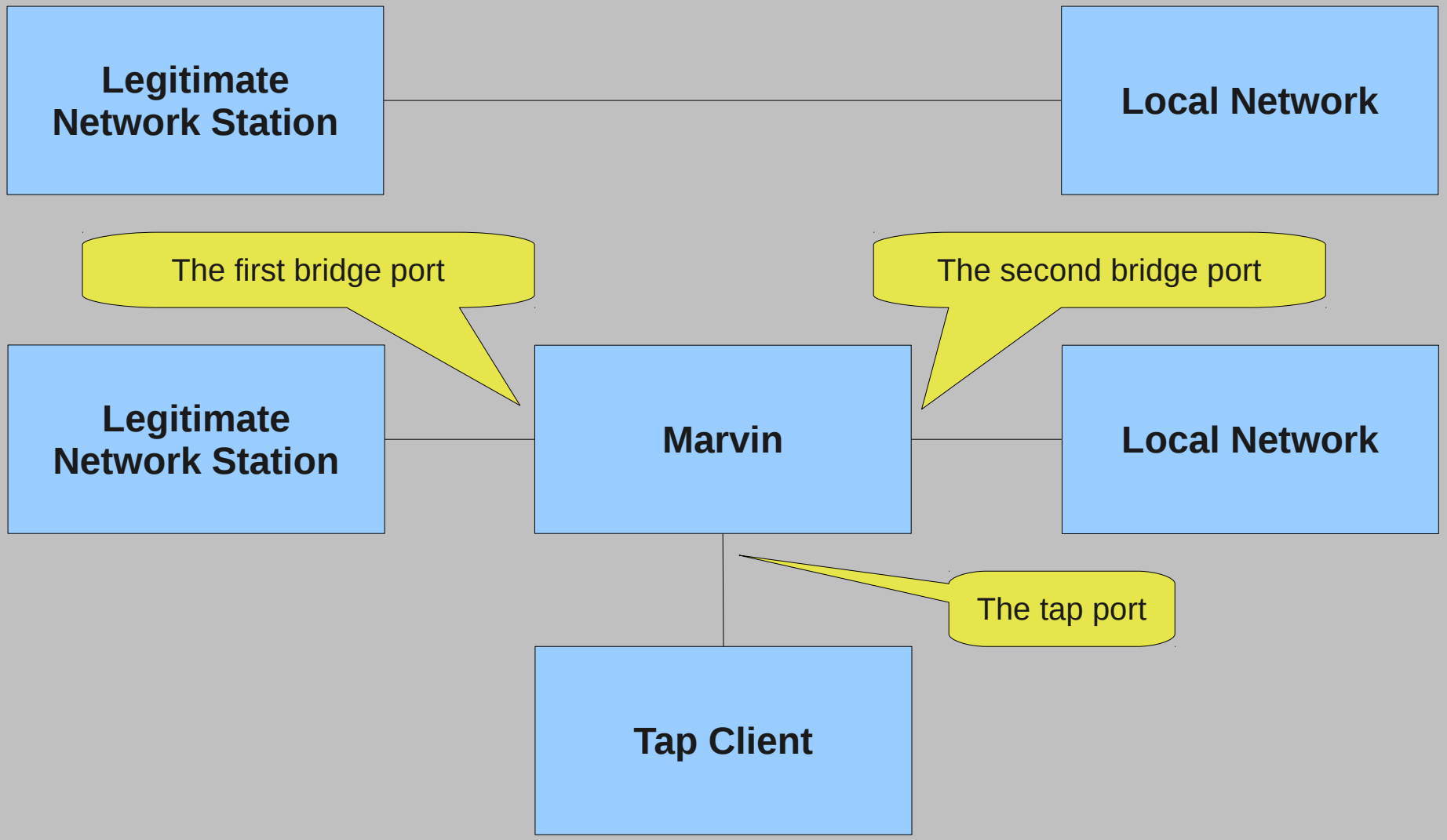
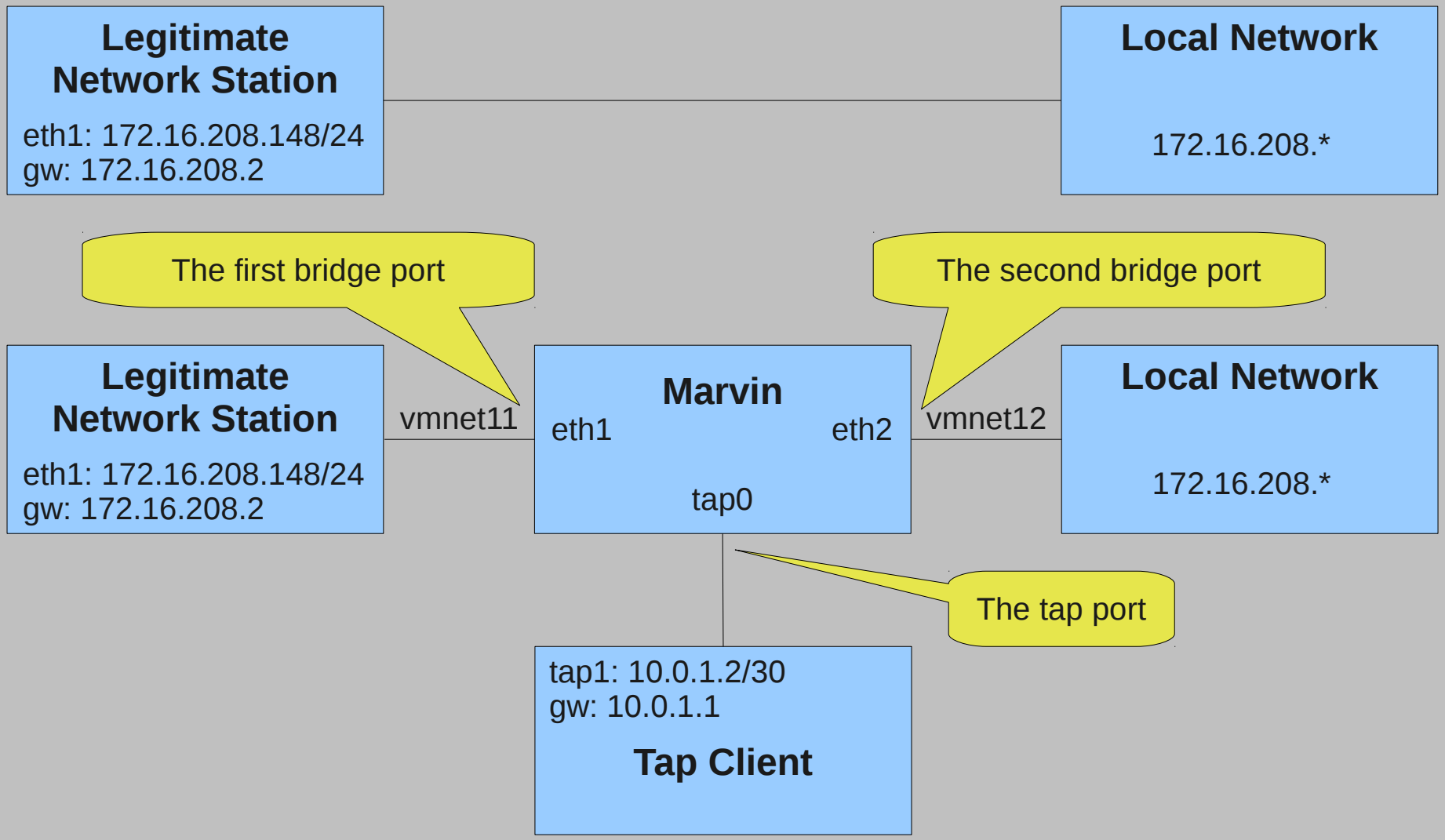
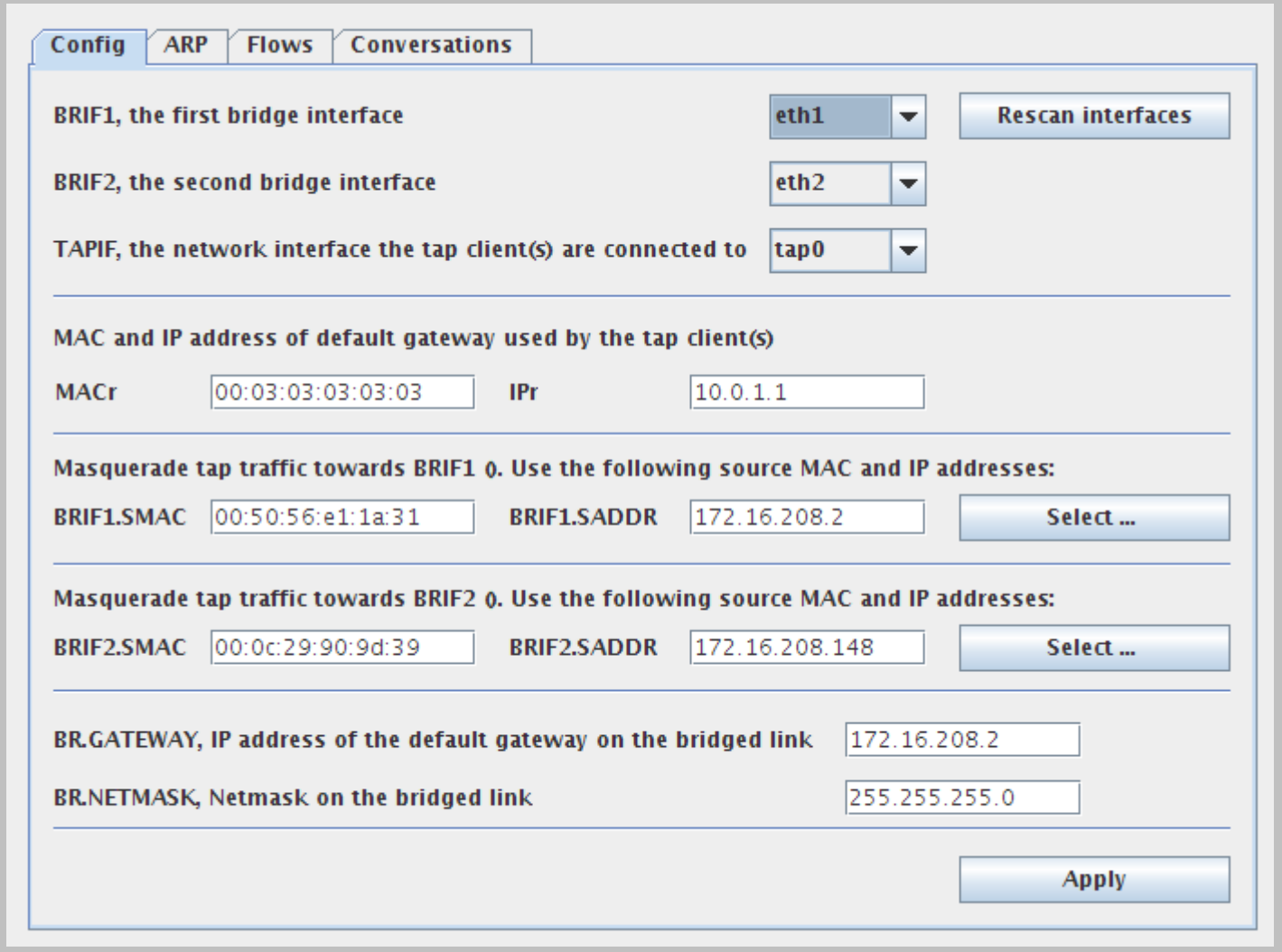
Links, Before and After Tapping



IP Addressing, Before and After Tapping



The Main Screen

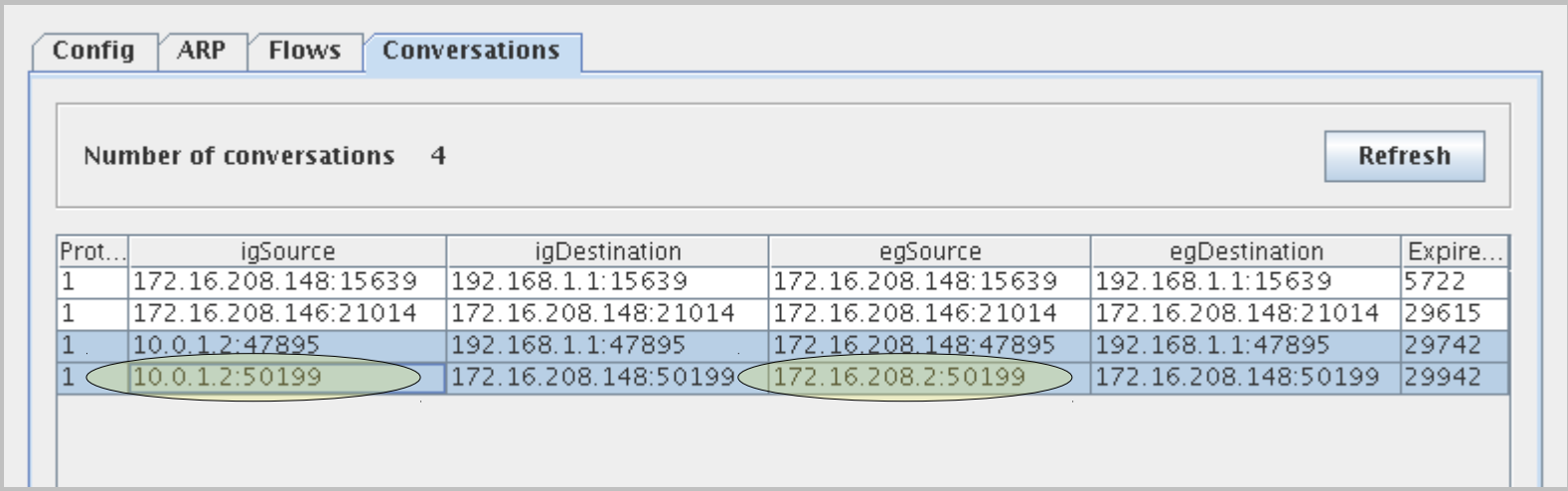


Marvin's Appearance

- The stations connected to the bridged links don't see Marvin at all. It acts as a transparent Ethernet link.
- Tap clients (hosts connected the tap interface) see Marvin as a NAT box. Marvin masquerades source IP and MAC addresses of the packets sent by the tap clients and injects them into the bridged link.

Address Masquerading

- Tap client (10.0.1.2) pings the legitimate client (172.16.208.148)
- Marvin translates the source IP address of a tap client (10.0.1.2) into IP address of the default gateway (172.16.208.2)



That's all for now ...