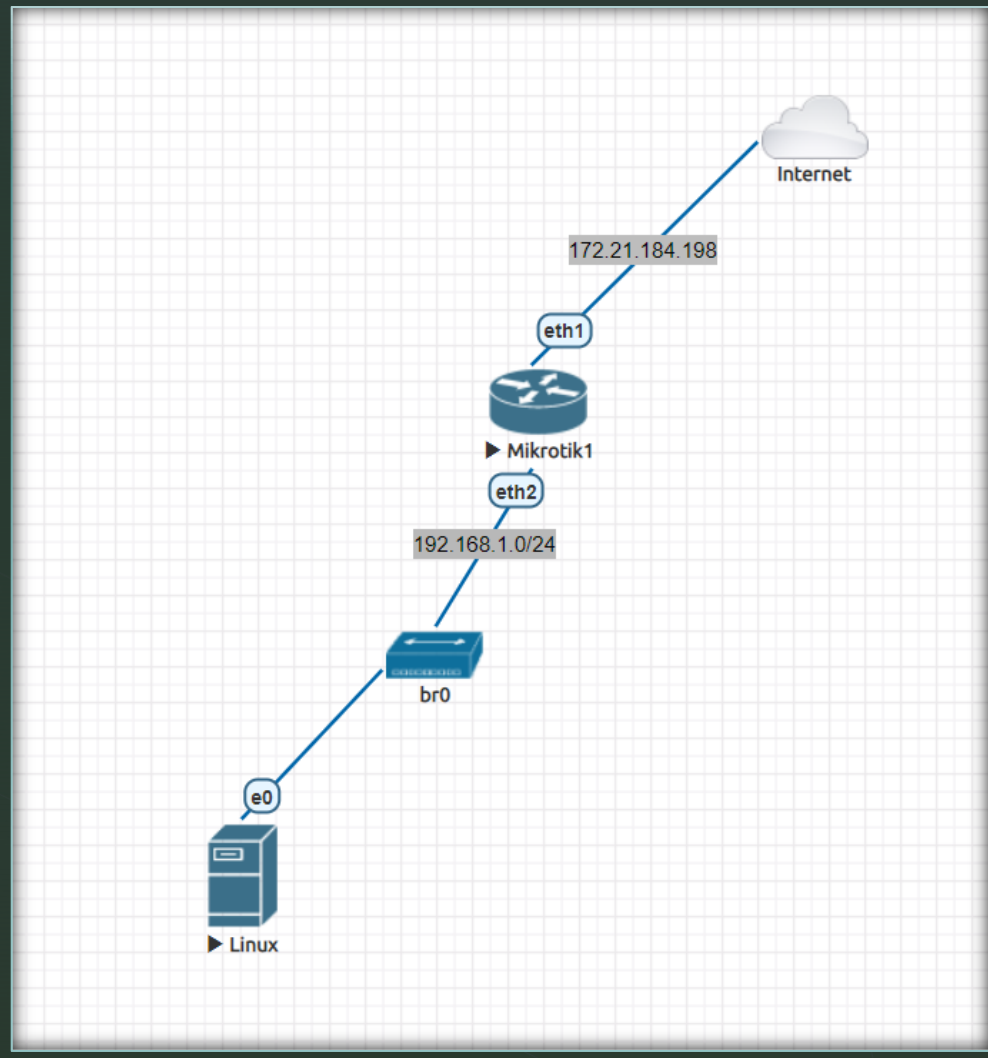
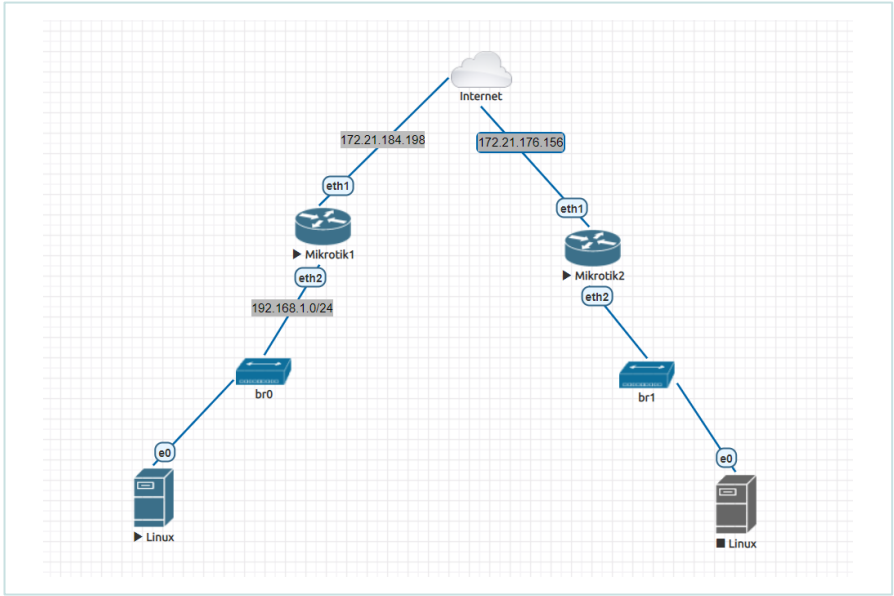
Laboratoare Retelistica

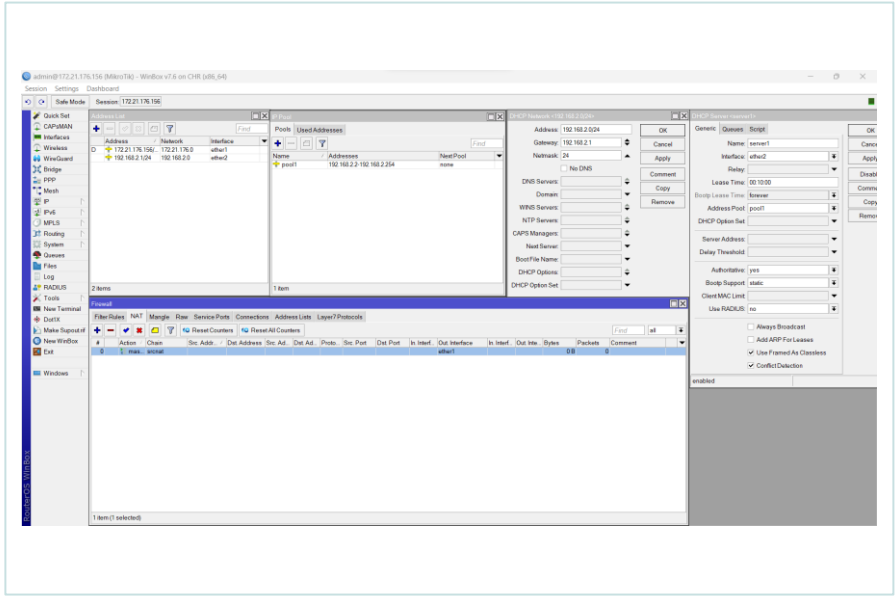
Rutare Statica

Setup

- Incepem laboratorul cu setup-ul trecut in care aveam un router conectat la WAN si cu o retea LAN la care era atasat un container LXC.





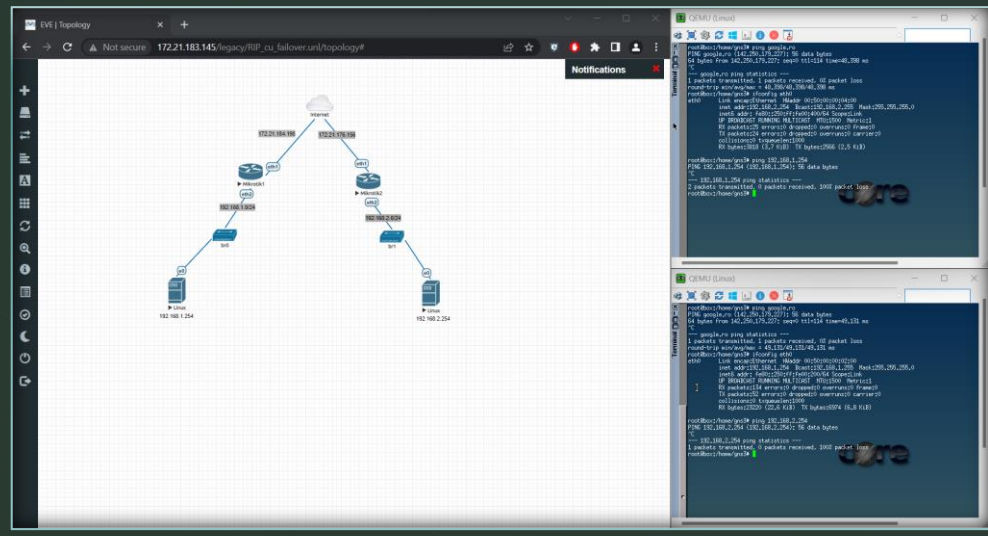


Pe care il vom dubla dupa cum se poate vedea mai sus

Setup

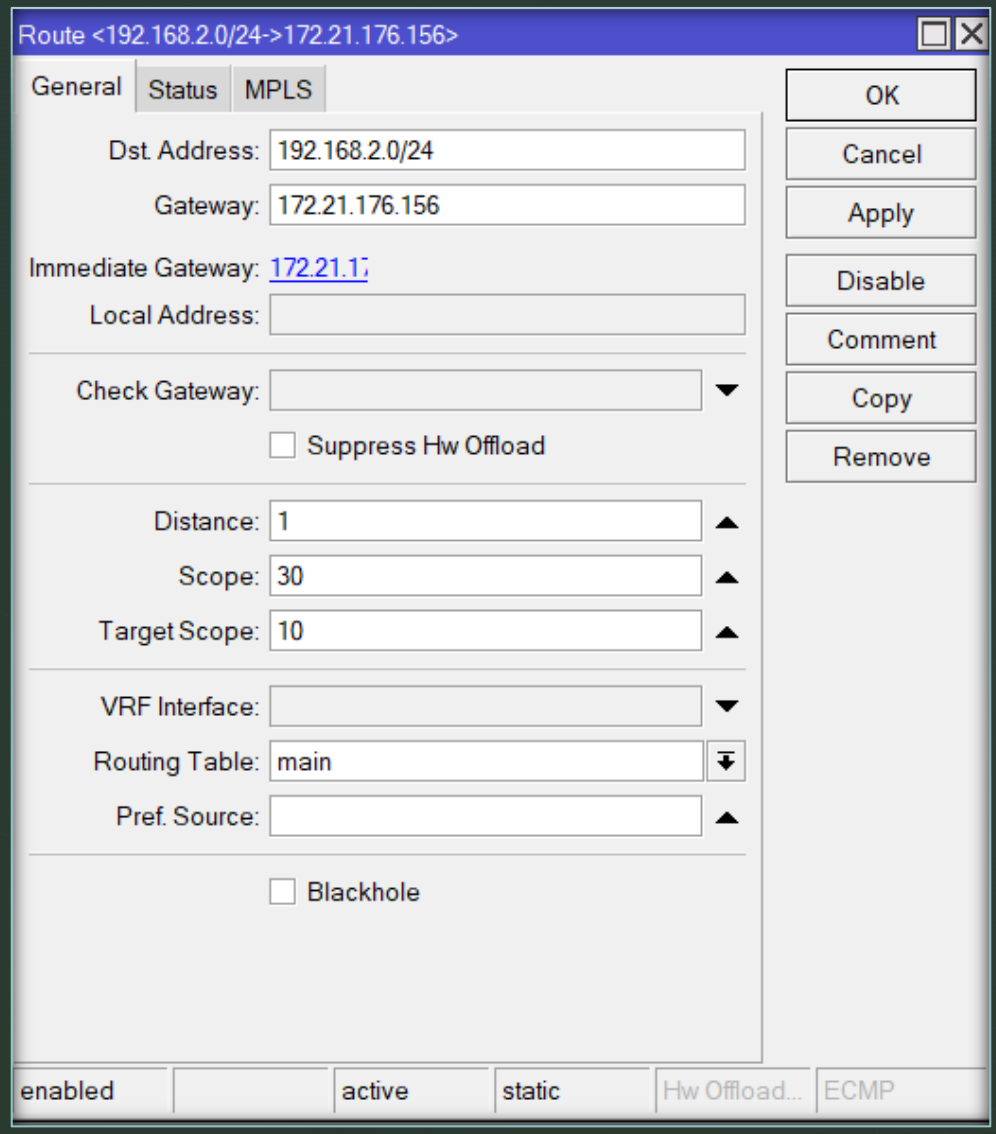
Routarea in cele doua retele

- Desi fiecare retea are acces pe WAN cele doua nu sunt accesibile intre ele.
- Metoda explicate in acest laborator este de a face rute statice intre cele doua echipamente pentru a se cunoaste intre ele (din punct de vedere al LAN-urilor 192.168.1.0/24 si 192.168.2.0/24)



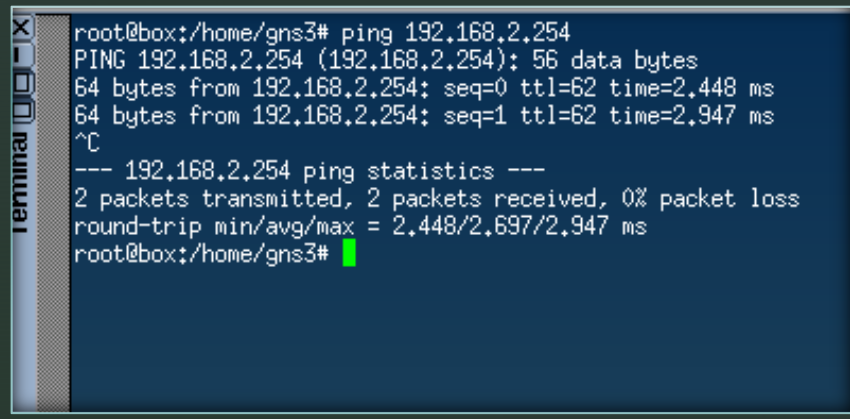
Adaugarea Rutelor

- Pentru a adauga pe Mikrotik1 ruta catre LAN-ul lui Mikrotik2 trebuie sa intram in IP->Routes
- Unde adaugam o ruta noua, la Dst. Address setam 192.168.2.0/24 reteaua LAN a lui Mikrotik2.
- La Gateway punem IP-ul extern al routerului Mikortik2 (172.21.176.156)



Adaugarea Rutelor

- Daca testam ping-ul din masina linux aflat in prima retea putem observa ca exista conexiune catre masina linux aflata in a doua retea.
- Dar daca dam ping de pe cea de a doua masina catre prima nu vom reusi.



Adaugarea Rutelor

- Asa cum am facut prima retea, o vom face pe a doua in oglinda cu prima. Tot asa, vom face si rutarea. Deci, vom adauga o ruta statica pe Mikrotik2.
- La Dst. Address setam reteaua primului router: 192.168.1.0/24
- La Gateway setam IP-ul WAN al primului router: 172.21.184.198
- Daca dam acum ping in linux-ul din primul LAN putem vedea ca avem un raspuns.