Juniper ScreenOS MIP DIP VIP
Overview

MIP
192.0.2.20 → 172.16.0.20
MIP = Mapped IP
Destination NAT & Source NAT for Host
1:1 NAT, all ports remain the same
Usage: Static NAT to/from Server

DIP
192.0.2.150-160 → 172.16.0.0/24
DIP = Dynamic Source NAT
With or without port translation
Config in policy: „Source Translation“
Usage: Outgoing NAT instead of „Use Egress Interface IP“

VIP
192.0.2.2:80 → 172.16.0.222:8080
VIP = Virtual IP
Destination NAT (IP & Port)
Usage: Port Forwardings to Servers

Juniper SSG
192.0.2.0/24
172.16.0.0/24
Internet
LAN
MIP
DIP
VIP