

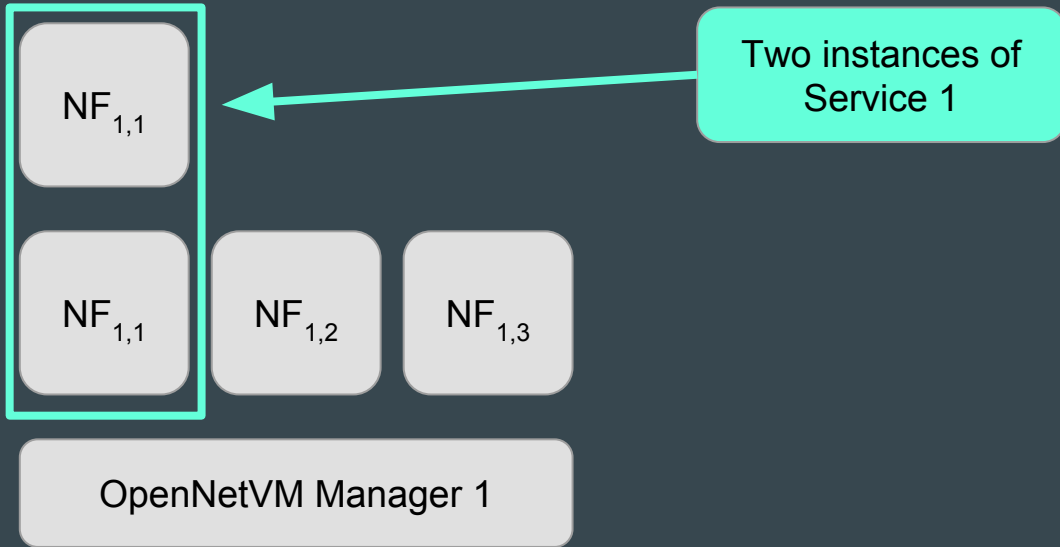
# Distributed OpenNetVM



*Architecture Overview*

# Extend & Improve OpenNetVM Platform

- Already have high-speed NFV platform - now, make it scale
- Allow OpenNetVM to be clustered and scale out
  - Intelligent packet routing between instances
  - Dynamic load balancing across physical machines
- Automatically scale up/down NFs according to current load



NF<sub>1,1</sub>

NF<sub>3,5</sub>

NF<sub>1,1</sub>

NF<sub>1,2</sub>

NF<sub>1,3</sub>

NF<sub>2,4</sub>

NF<sub>3,2</sub>

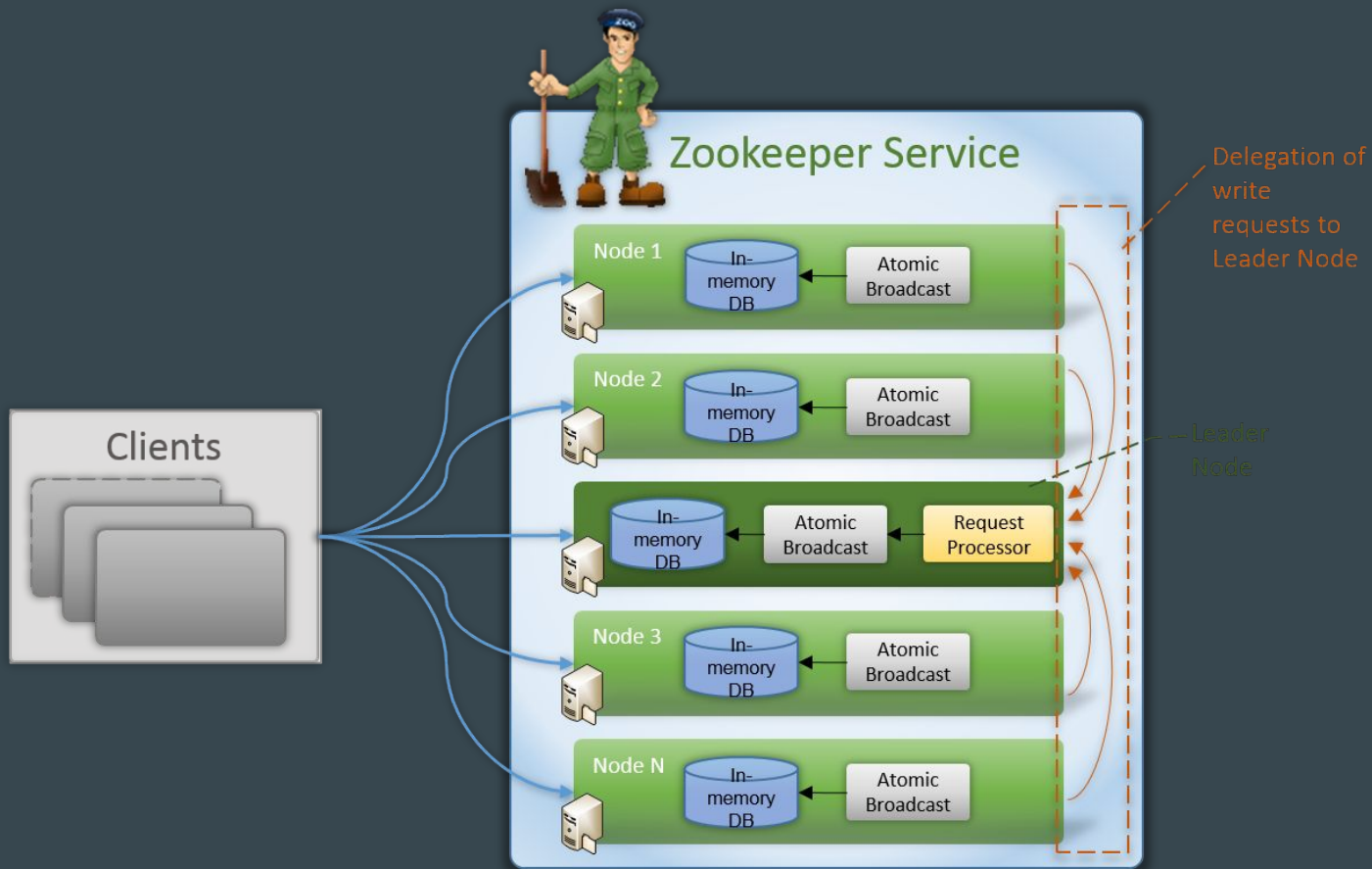
NF<sub>3,5</sub>

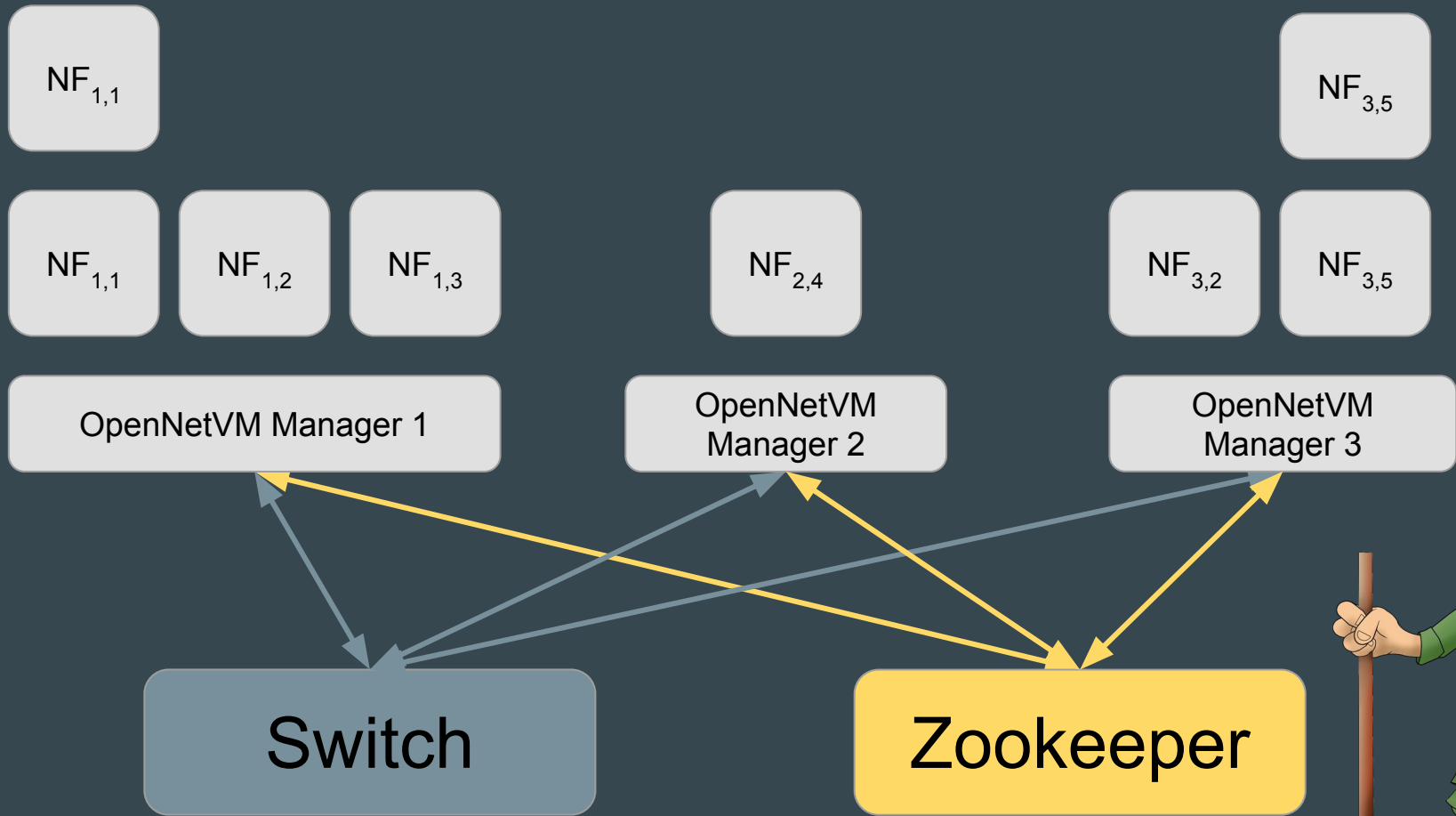
OpenNetVM Manager 1

OpenNetVM Manager 2

OpenNetVM Manager 3

Multiple Managers Need to Communicate





# VXLAN Packet Encapsulation

