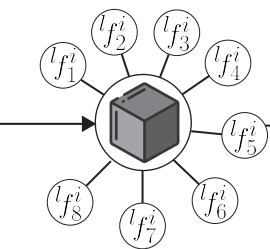
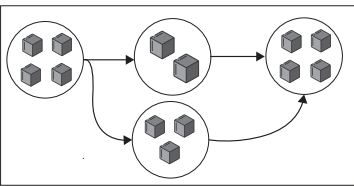
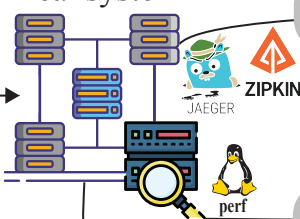


Chain of microservices



Isolate and stress all
endpoint functions
on the real system

Real system



Identifying
service chains

Service chain
model prototypes

Performance
traces

Endpoint functions
model prototypes

Hosts
information

Hosts model
prototypes

Net. topology
information

Network topology
prototype

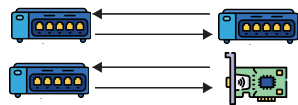
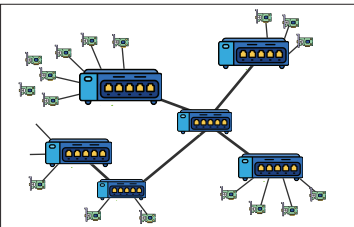
User-defined
scenarios

JSON or
dynamic
control
object



Run
simulation

Network topology



Isolate routers and NICs
and measure bw/latency of
all egress and ingress links,
routers and NICs

Resource allocation
Affinity rulesets
Placement configs
Cluster equipments
Service chains
Traffic scenario
Network Topology