

Kernel-Side

Kernel-Endpoint-Mapping

IP address

Kernel-Endpoint

Namespace

Kernel-Endpoint*

Allocate

Create

Manager

Keep

Packetize IP datagram
into a Shila-Packet

Ingress

Take IP datagram
from Shila-Packet

Egress

Virtual
interface

IP address

App

Provide interface
used for connection
establishment

Provide interface
used for Shila setup

Shila-Connection

Working-Side

Shila-Connection

Working-Side

IP address

Egress

Kernel-
Endpoint

Ingress

Kernel-
Endpoint