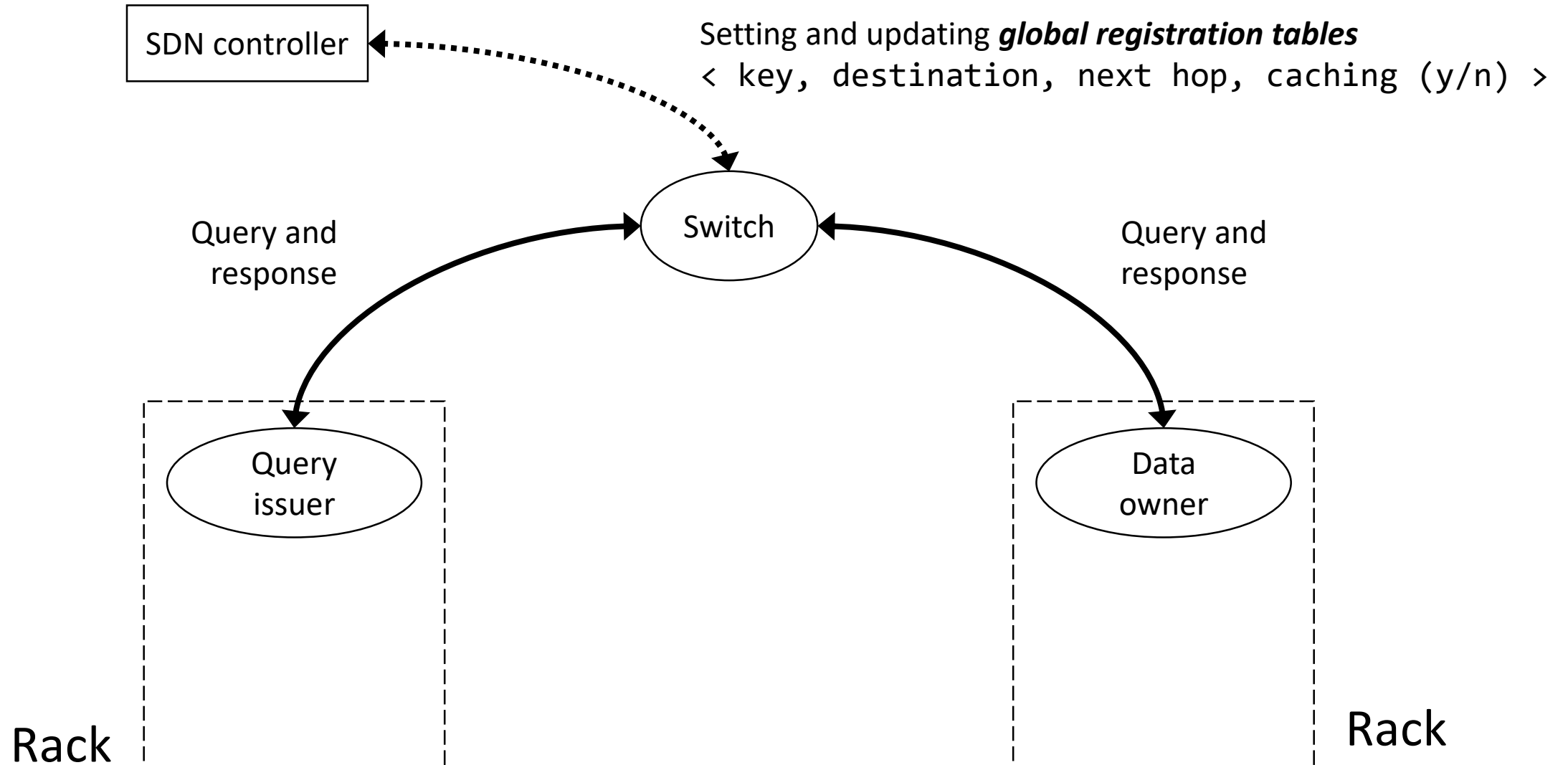


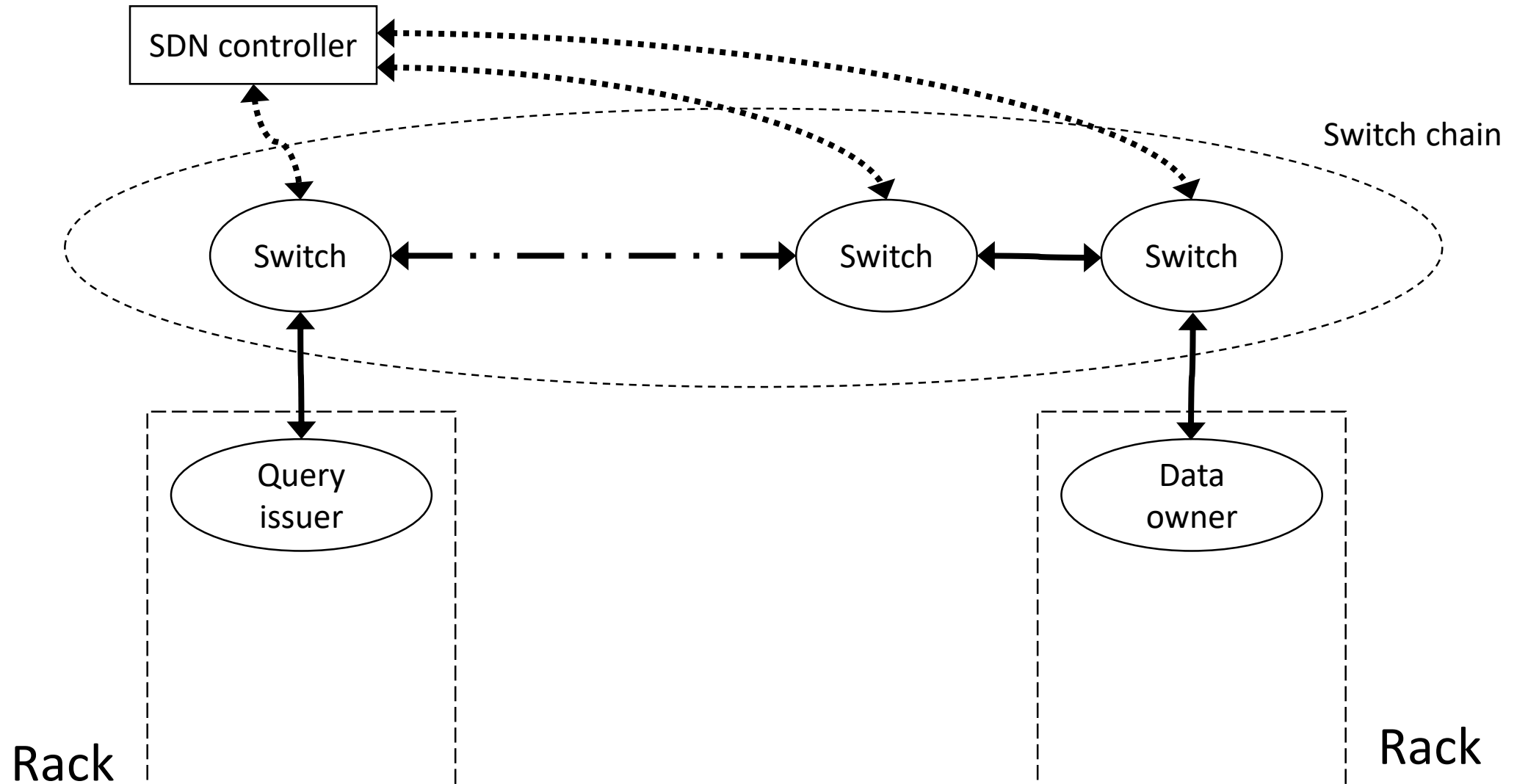
# IncBricks: basic topology and entities

*In-network caching system*



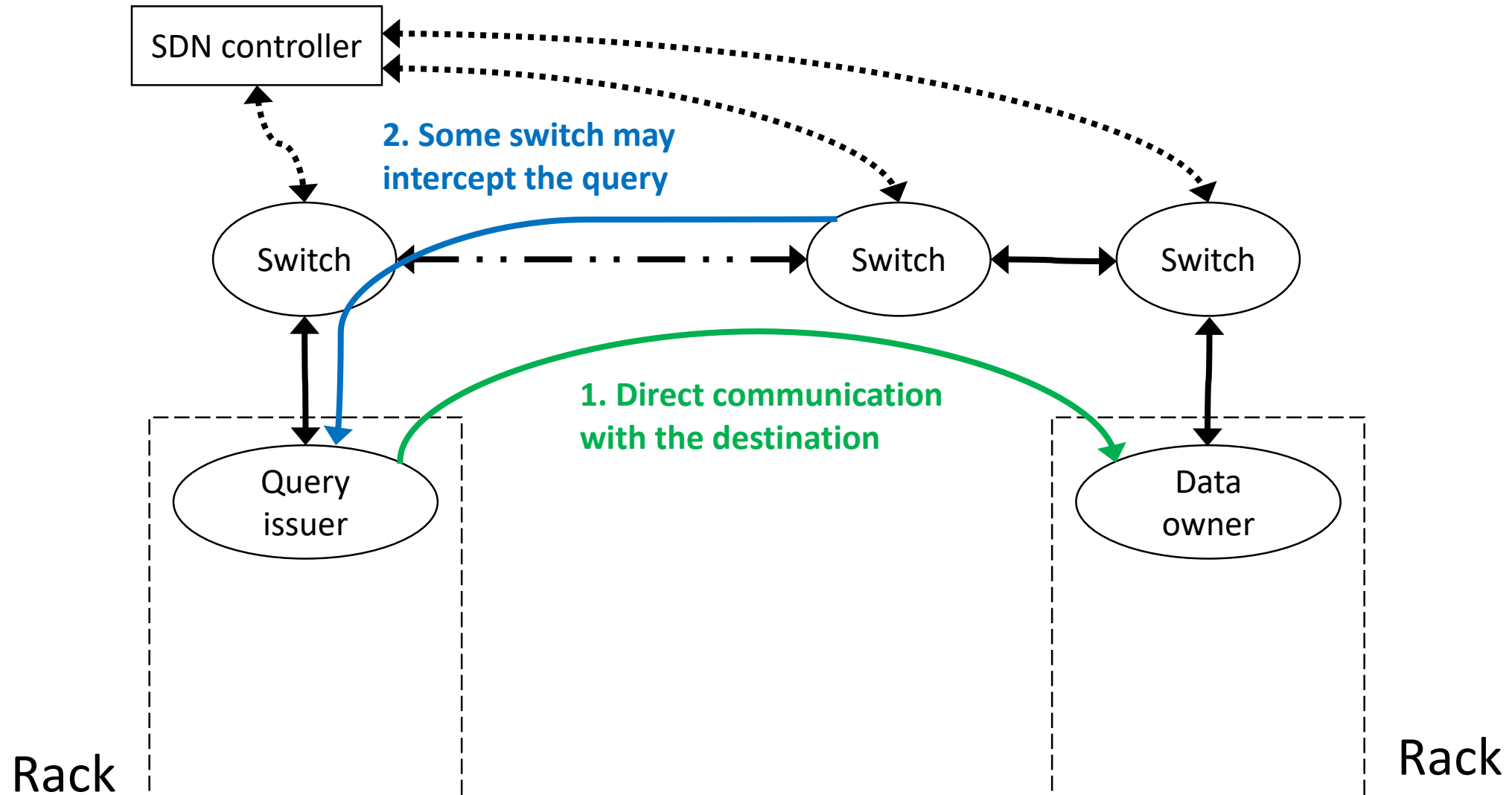
# IncBricks: extended topology

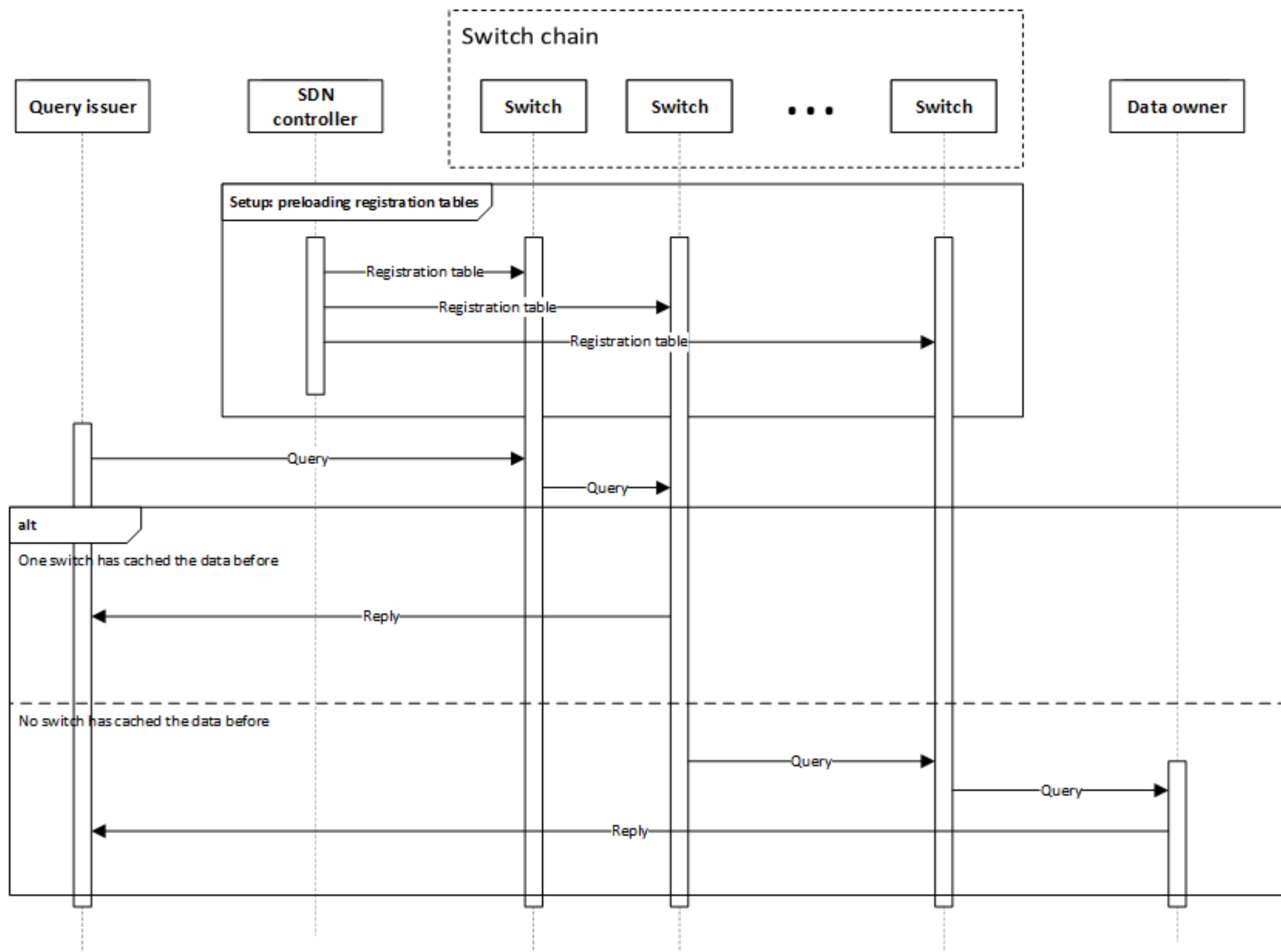
*In-network caching system*



# IncBricks: logical communication pattern

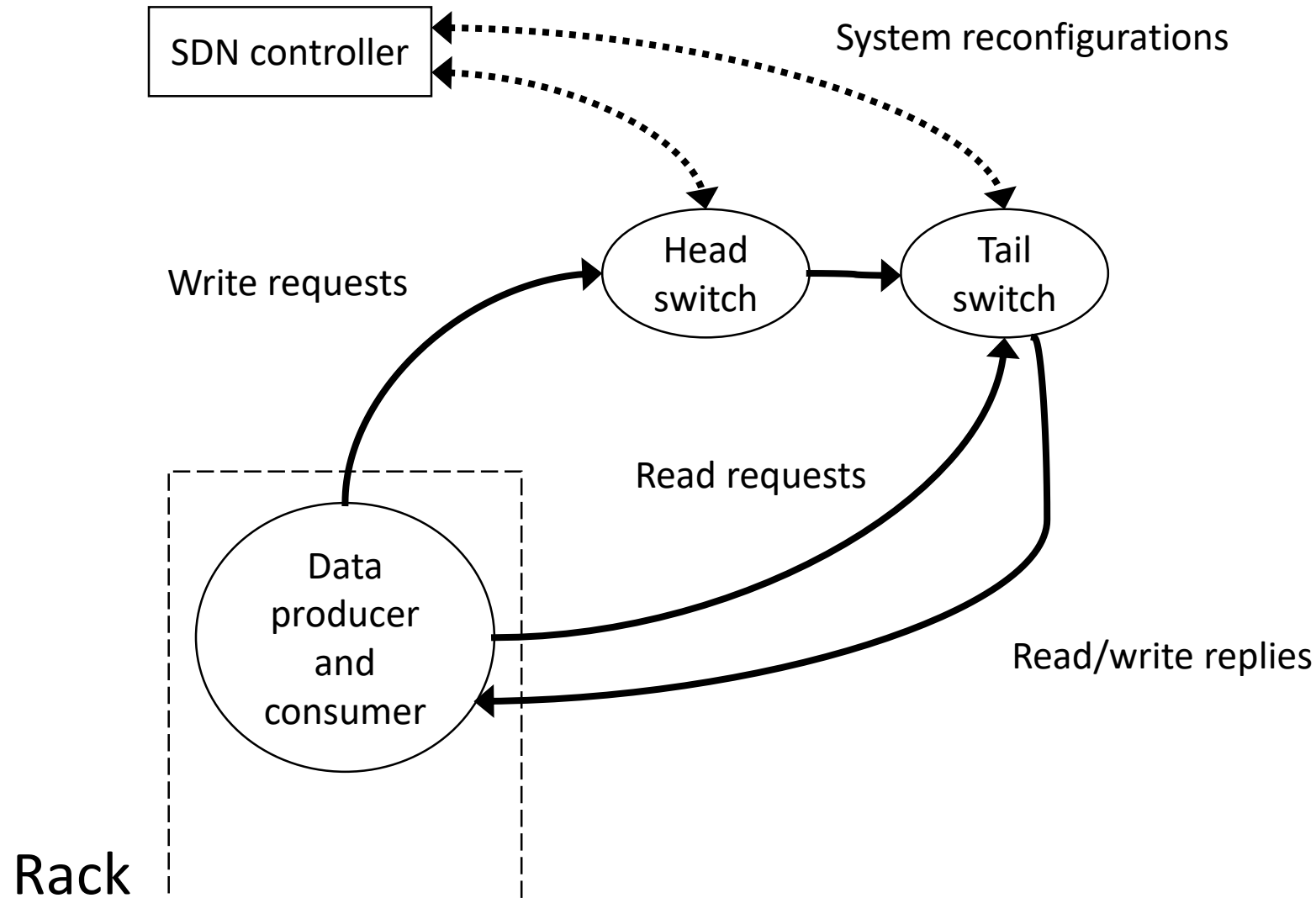
*In-network caching system*





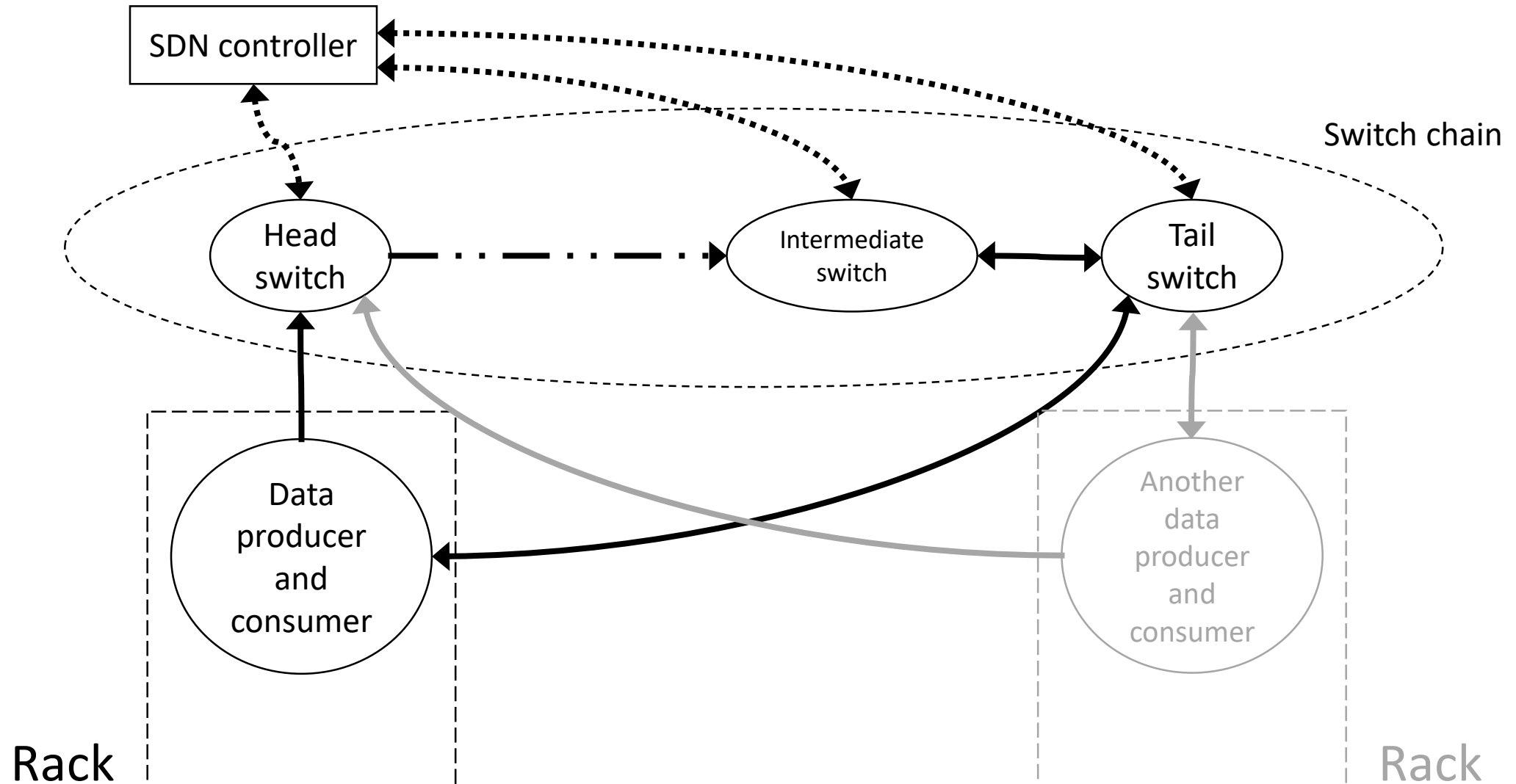
# NetChain: basic topology and entities

*In-network solution for coordination services*



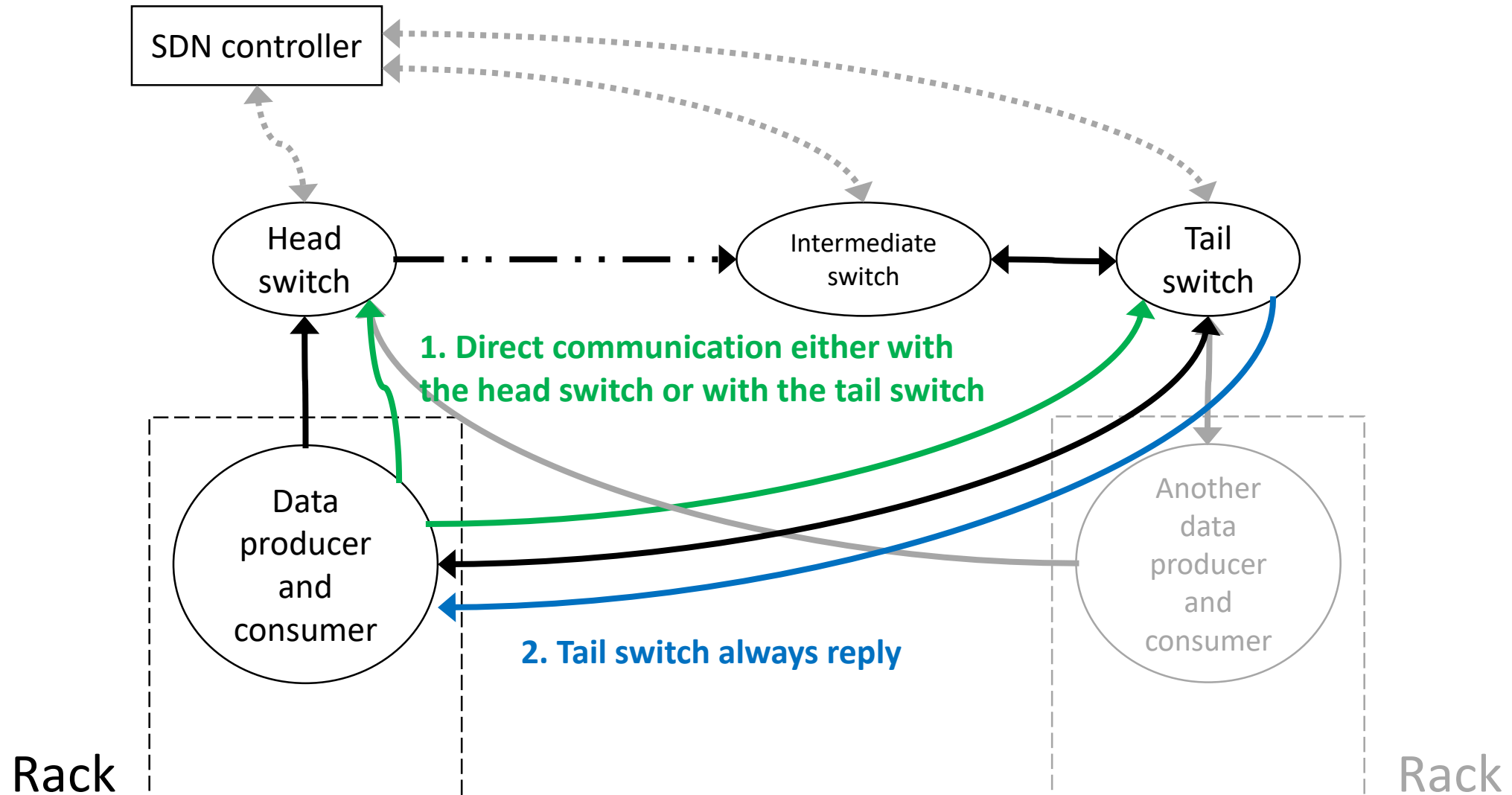
# NetChain: extended topology

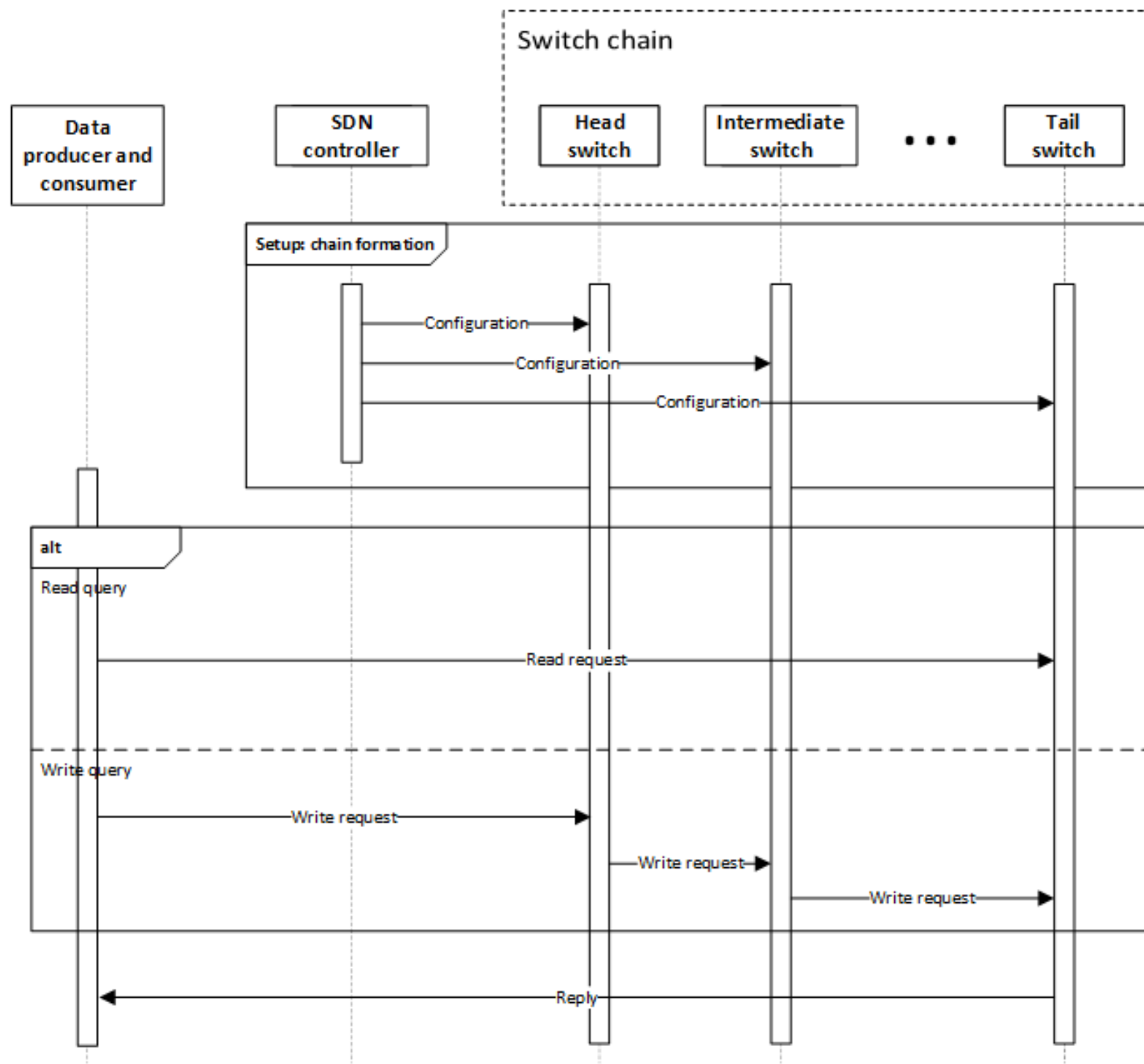
*In-network solution for coordination services*



# NetChain: logical communication pattern

*In-network solution for coordination services*

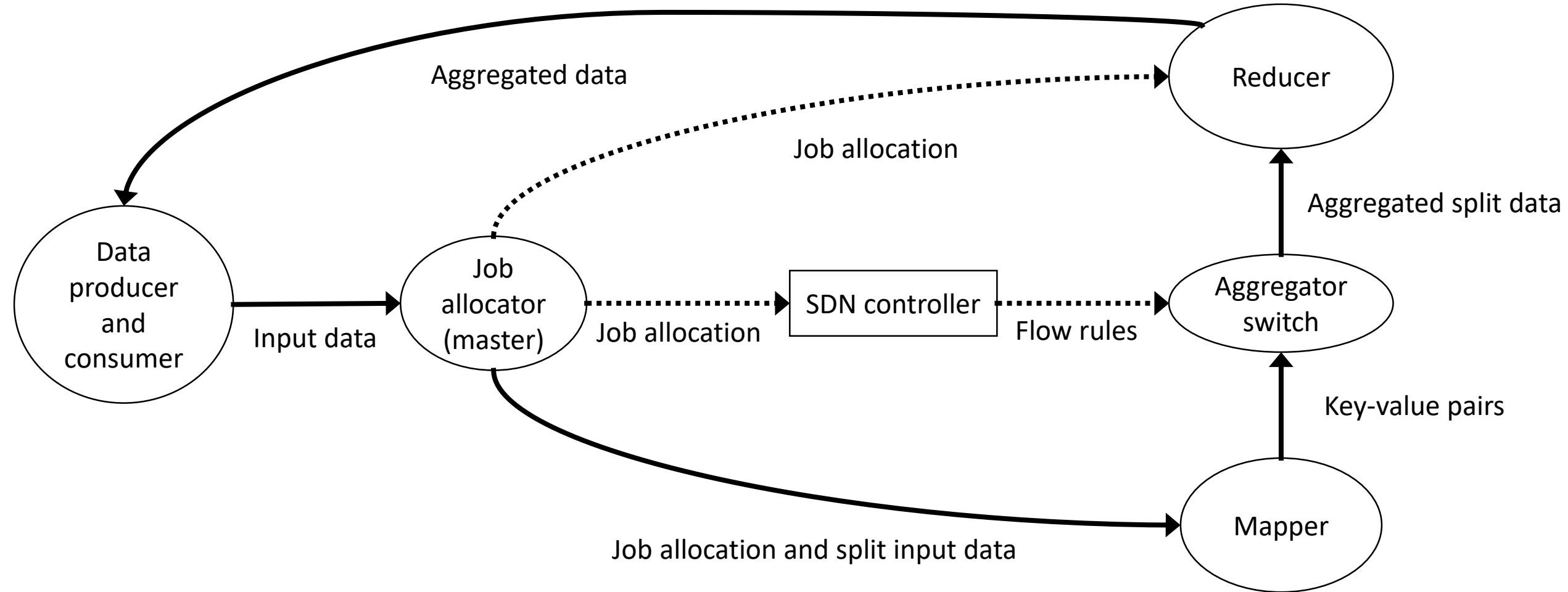






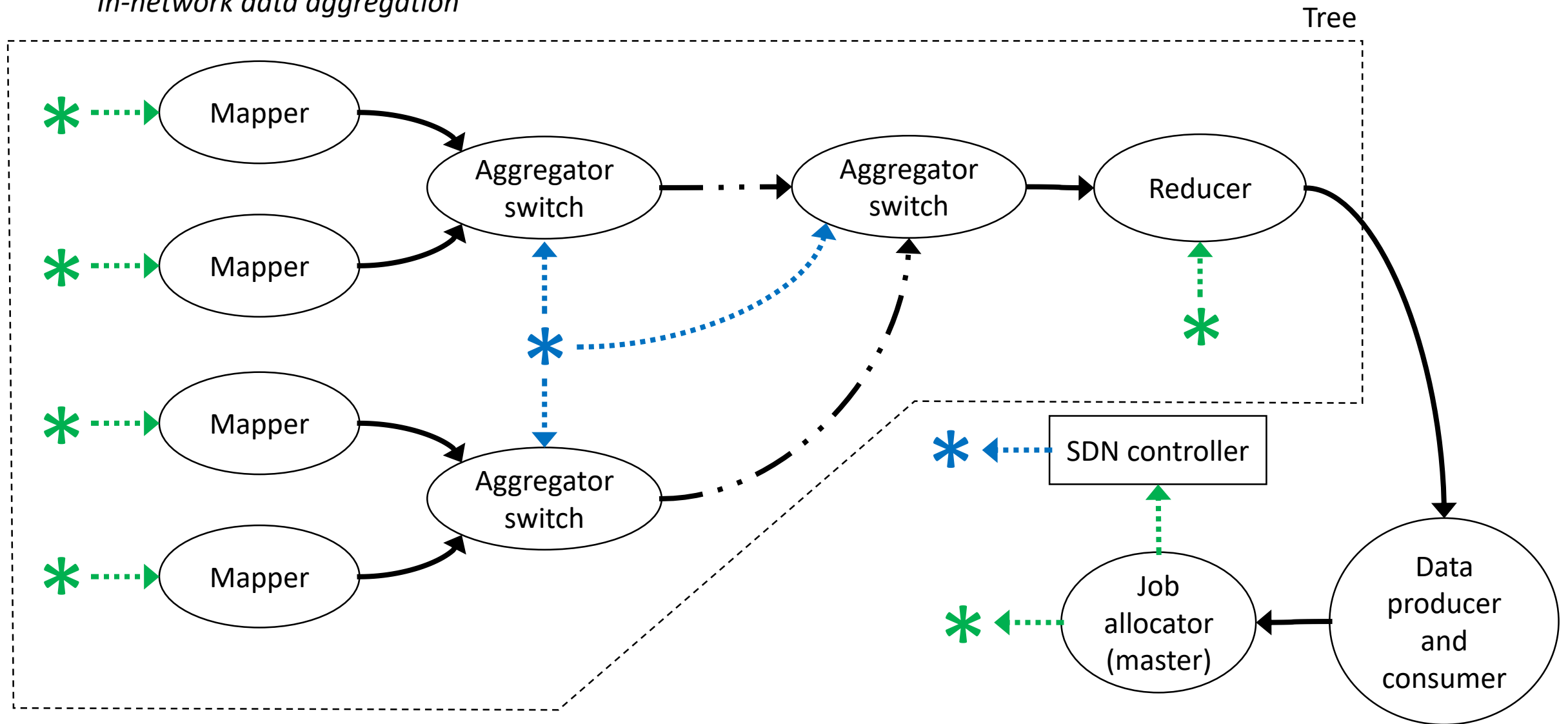
# Daiet: basic topology and entities

*In-network data aggregation*



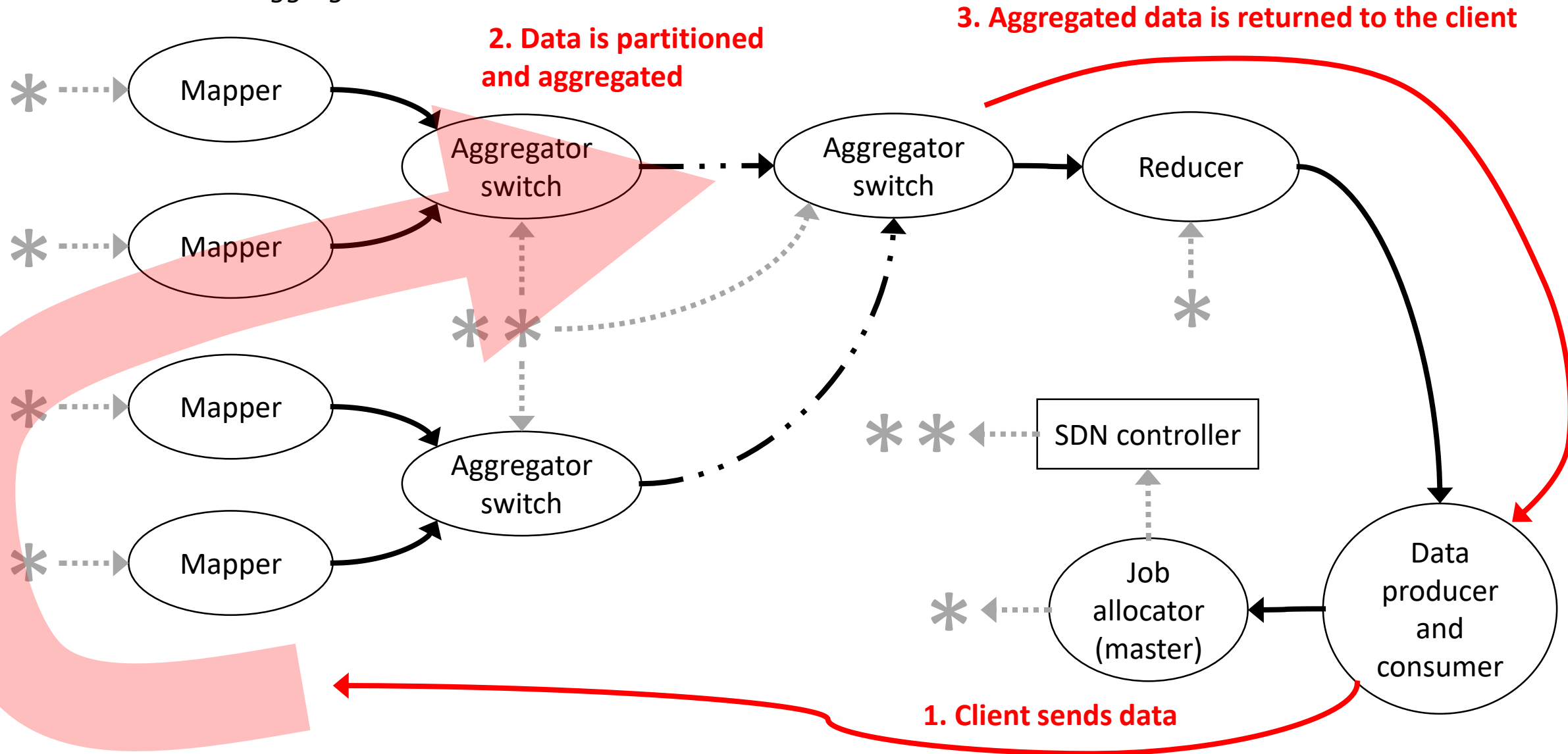
# Daiet: extended topology

*In-network data aggregation*



# Daiet: logical communication pattern

*In-network data aggregation*



Data  
producer and  
consumer

Job allocator  
(master)

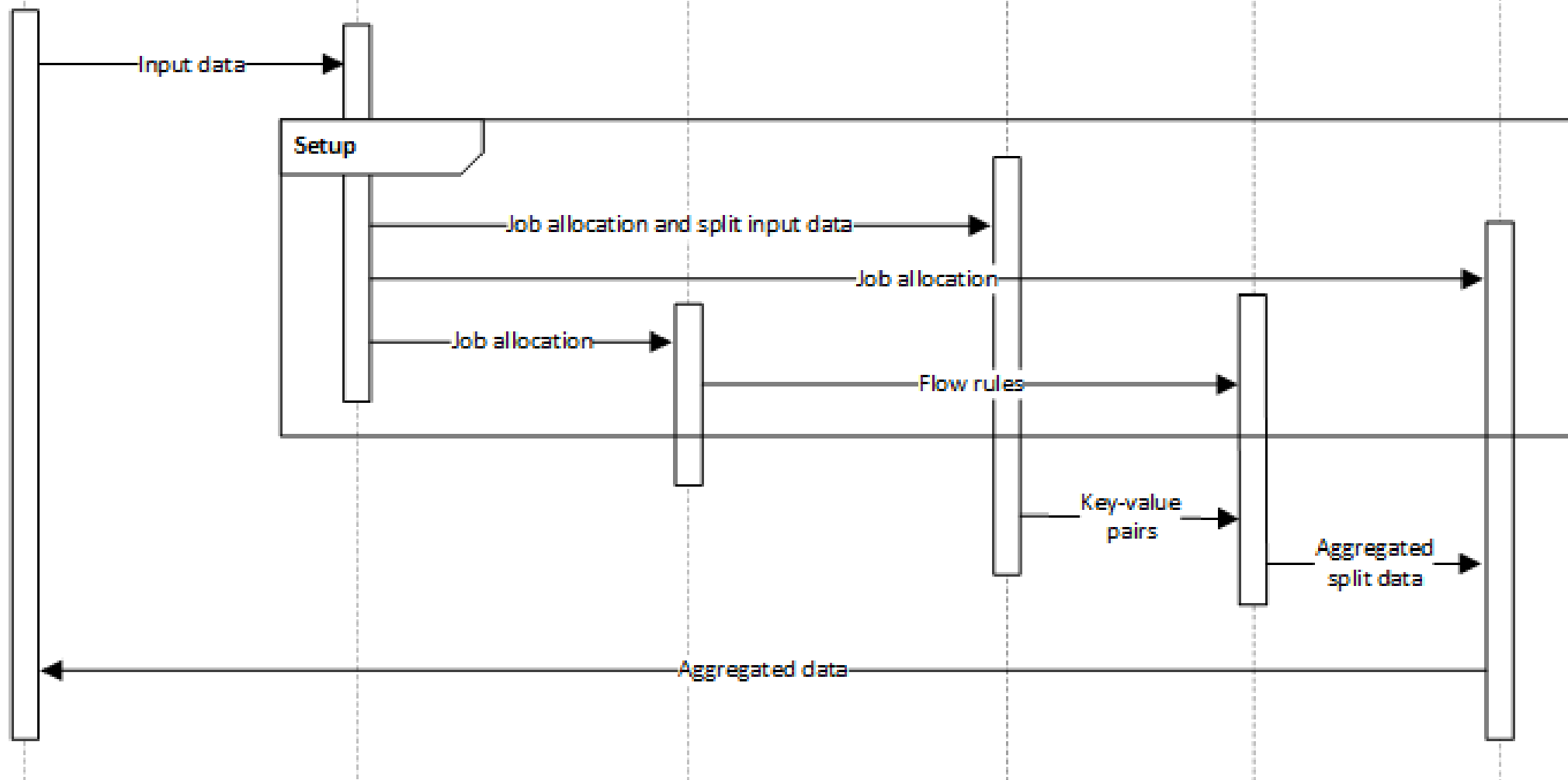
SDN  
controller

Tree

Mappers

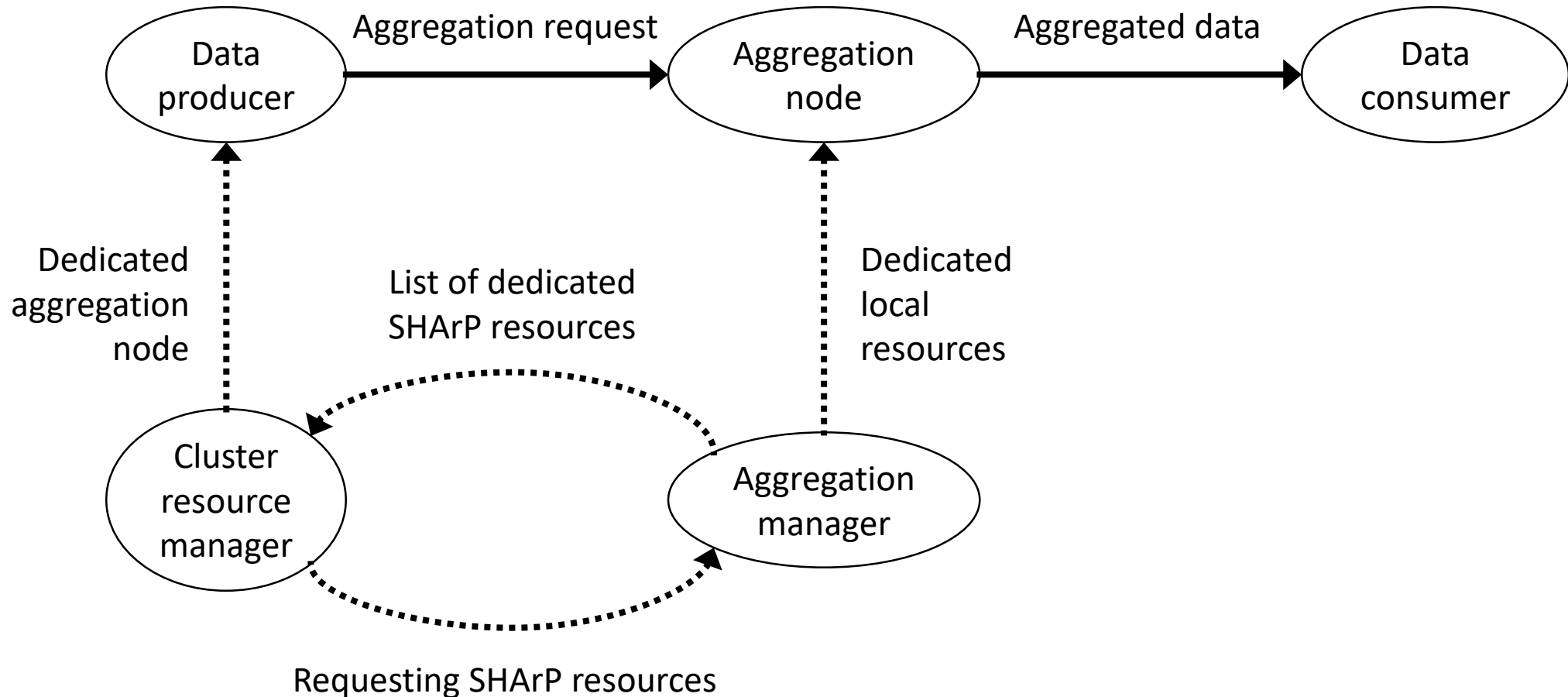
Aggregator  
switches

Reducers



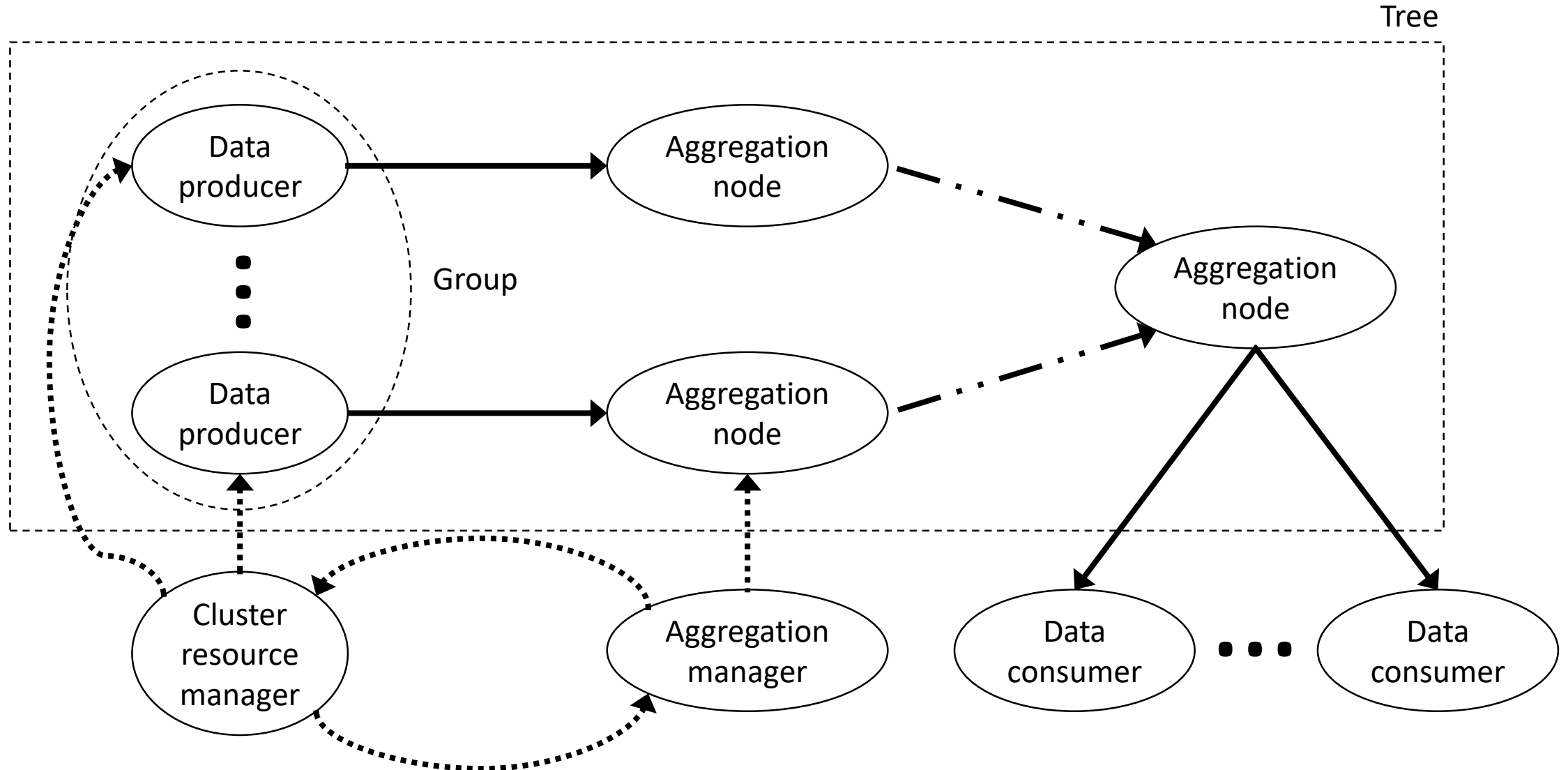
# SHArP: basic topology and entities

*Protocol for reduction operations*



# SHArP: extended topology

*Protocol for reduction operations*



# SHArP: logical communication pattern

*Protocol for reduction operations*

